

Electrical Construction Products

Appleton and O-Z/Gedney

A complete selection of industrial location fittings, commercial construction products, cord reels and switches.

EMERSON

EMERSON SUPPLIES LONG-TERM, PRACTICAL AND HIGH QUALITY SOLUTIONS.

Appleton™ and O-Z/Gedney™ products are manufactured to keep you and your job site safe and efficient. Superior design standards and a wide range of options meet the needs of a variety of application driven requirements. From Commercial Fittings, Industrial Location Fittings, and Reels and Switches — Emerson delivers the best products and services along with safe reliable power where you need it.

Emerson provides commercial products that connect your wire and conduit to make electrical installations safer, more productive and more reliable. From industrial grade extension cords and GFCIs to explosion proof, weather protected and special purpose Reelites™, Emerson meets the vast scope of your needs.

Notes

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Electrical Construction Products

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Product Safety Statement

The information contained in this catalog is based on our experience to date and is believed to be reliable. All weights and dimensions are approximate. This catalog supersedes and voids all previous literature.

Information in this catalog is subject to change without notice. At times, it may be necessary to modify the materials, finishes, or other components of the product. These modifications will meet or exceed the performance or functional requirements of the product.

Appleton Group designs and manufactures a range of electrical products that meet the electrical codes of different geographic markets. Many of these products are evaluated by internationally recognized third-party product safety testing and certification agencies.

As a safety precaution, users of these products must verify the product is appropriate for their application by consulting the electrical code and safety standards for their area.

Appleton Group products should be installed in accordance with the installation instructions provided with the product and all applicable electrical codes. Additional safety requirements are indicated by appropriate Danger, Warning and Caution statements which follow the suggested format of the American National Standards Institute (ANSI).

These statements are intended to inform not only knowledgeable, sophisticated installers and users, but also those who will have casual contact with the product. Failure to follow this information could result in serious personal injury. Where appropriate these statements may appear on:

1. The product carton
2. The label attached to the product carton
3. The instruction sheet
4. The product itself in a conspicuous manner where physical space allows

Any questions with regard these statements or safety should be addressed to:

Product Safety Officer
Appleton Group
9377 W. Higgins Road
Rosemont, IL 60018
1-800-621-1506
www.appleton.emerson.com

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Standard Materials

Ferrous Cast Metals

The principal cast metals used to manufacture our extensive product line are malleable iron, ductile iron or gray iron.

Malleable Iron

- Malleable Iron has excellent elongation and deformation properties, corrosion resistance and shock absorption during impact. Its castability in thin sections results in a durable impact resistant material.
- Mechanical Properties:
  - ASTM A47, 32510

Tensile	50,000 psi
Yield	32,500 psi
Elongation	10%

Ductile Iron

- Ductile Iron has excellent elongation and deformation properties, corrosion resistance and shock absorption during impact. In heavy sections, ductile iron produces sound, uniform castings in a durable, impact resistant material.
- Mechanical Properties:
  - ASTM A536, 654512

Tensile	65,000 psi
Yield	45,000 psi
Elongation	12%

Grayloy®

- Gray Iron has good corrosion resistance, excellent wear resistance and high vibration damping capacity. Yield and elongation properties are compensated with heavy wall sections.
- Mechanical Properties:
  - ASTM A-48, Class 25

Tensile	25,000 psi

  - ASTM A-42, Class 30

Tensile	30,000 psi

  - ASTM A-48, Class 45

Tensile	45,000 psi

- Note: The yield and elongation of gray iron is not specified because it is not a significant property of this metal.

Finish (all Ferrous Cast Metals)

- To enhance the corrosion resistance of the base ferrous metals, each product is coated with one of the following processes:
  - Zinc electroplate (also referred to as “electrogalvanize”)
  - Mechanical galvanize
  - Hot-dip galvanize
- Corrosion resistance is a function of the thickness of the protective coating of zinc over the base ferrous metal. In short, the thicker the coating, the longer the coating will remain in place to protect the base metal. Appleton offers an enhanced measure of corrosion protection through the mechanical or hot-dip galvanize method which is standard on many products.
- The minimum thickness of these unique coatings follows:
  - Zinc electroplate per UL 514B:
    - Steel (inside a box) = 00015” or 3.8 microns
    - Steel (outside a box) = 0005” or 12.5 microns
    - Iron = 00015” or 3.8 microns
  - Mechanical Galvanize = .002” or 50 microns per ASTM B695
  - Hot Dip Galvanize = .002” or 50 microns per ASTM A123.

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Standard Materials

Non-Ferrous Cast Metals

Aluminum

- Copper-free aluminum (maximum 4/10 of 1% copper) provides good corrosion resistance in a lightweight durable material.
- Mechanical Properties:
  - — ASTM B26, 712.0

Tensile	34,000 psi
Yield	25,000 psi
Elongation	5%

  - — ATSM B26, 535.0

Tensile	40,000 psi
Yield	21,000 psi
Elongation	13%

  - — ASTM B179, A360.1

Tensile	46,000 psi
Yield	24,000 psi
Elongation	3.5%

  - — ASTM B26,319.0

Tensile	27,000 psi
Yield	18,000 psi
Elongation	2%

  - — ATSM B179, A413.1

Tensile	42,000 psi
Yield	19,000 psi
Elongation	3.5%

Aluminum Finish

- Most aluminum products have an aluminum enamel finish or a gray vinyl enamel applied over a zinc chromate wash primer.

Copper Alloys

- Copper alloys provide excellent corrosion resistance and electrical and thermal conductivity.
- Mechanical Properties:
  - — CDA83600

Tensile	37,000 psi
Yield	17,000 psi
Elongation	30%

- Note: CDA = Copper Development Association

Copper Alloy Finish

- Copper Alloys are inherently corrosion resistant and do not require secondary protective coatings.
- Power conducting and grounding products made with copper alloys may require a tin electroplate for use with aluminum conductors (CU-AL).

Zinc Alloys

- Zinc die cast fittings are manufactured from Zamak #3 zinc alloy.

Zinc Alloy Finish

- Zinc Diecast fittings produced with Zamak #3 alloy do not require a secondary protective coating.

Cast Stainless Steel

- Grade 304
- Mechanical Properties:

Tensile	89,900 psi
Yield	47,900 psi
Elongation	62%

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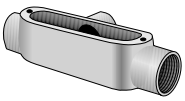
Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
Conduit Bodies				
Form 35™ Malleable Iron Conduit Outlet Bodies	9	X	X	
Spec 5 Conduit Bodies, Covers and Gaskets	15	X	X	
FM7™ Conduit Outlet Bodies	23	X	X	
Form 7™ Iron Conduit Bodies, Covers and Gaskets	30	X	X	
FM8™ Conduit Outlet Bodies	37	X	X	
Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets	43	X	X	
Aluminum Conduit Bodies, Covers and Gaskets	50	X	X	
FM9™ Aluminum Conduit Outlet Bodies Covers Gaskets	62	X	X	
NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets	68	X	X	
Mogul Conduit Bodies, Covers and Gaskets	76	X	X	
LBD and LBDN Pulling Fittings	83	X	X	
Pull Boxes with Threaded Hubs and Covers	84	X		
NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets	87	X	X	
NEER™ All–In–One Threaded Conduit Bodies	89	X	X	
NEER™ All–In–One Multi–Hub Threaded and Set Screw Conduit Bodies	92	X	X	
NEER™ Aluminum Set Screw Conduit Bodies and Accessories	93	X	X	
EMT Adapters	93	X	X	
Conduit Outlet Boxes				
JB Conduit Outlet Boxes, Covers and Hangers	94	X		
BKX Round Junction Boxes	96		X	
SEH Conduit Outlet Boxes and Covers	100	X	X	
GS Conduit Outlet Boxes, Covers Hangers	101	X		
Cast Device Boxes				
FS and FD Cast Hub Device Boxes	103	X	X	
FD0 Single and Multiple Gang Cast Device Boxes	137	X		
FDB Single and Multiple Gang Cast Device Boxes	141	X		
FDH Single and Multiple Gang Cast Device Boxes	146	X		
OCB Outdoor Connection Box	154	X	X	


Form 35™/Spec 5


FM7™/Form 7™


FM8™/Form 85™


Aluminum


FM9™


NEC 6x8x


Mogul


LBD


Pull Box


NEER™ Aluminum


NEER™ All–In–One


NEER™ All–In–One Multi–Hub


NEER™ Aluminum Set Screw


EMT Adapter


JB Outlet Box


BKX Outlet Box


SEH Outlet Box


GS Outlet Box


FS and FD Cast Device Box


FDB Cast Device Box


FDH Cast Device Box


OCB Box

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Commercial and Industrial Fittings

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AX Expansion Fittings	156	X	X	
TX Expansion Fittings	157	X		
EX Expansion Fittings	158	X	X	
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ABJ Bonding Jumpers	160	X	X	
AXB Series Expansion Fittings with Integral Bond	161	X	X	
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AXDX Deflection Expansion Fittings	163	X	X	
EXPB Expansion – Pull Box Fittings	164	X		
PB and PBW Pull Box Fittings	165	X		
Rigid and IMC Conduit Fittings				
SCC and SSP Series Threaded Rigid Conduit and IMC Bolt–On™ Couplings	167	X	X	
Threaded Three Piece Couplings and Elbows	168	X	X	
Type CH Space–Maker Conduit Hubs	170	X	X	
Type CHM Raintight Conduit Hubs	171	X	X	
Threaded Conduit Hubs With Bonding Screw	172	X	X	
Threaded Conduit Hubs	173	X	X	
Globally Certified Hubs	175	X	X	X
Aluminum Diecast Watertight Hubs	177	X	X	
Zinc Diecast Watertight Hubs	179	X	X	
Threaded Enlargers and Nipples	180	X	X	
Type ICC Phenolic Insulating Couplings	182	X	X	
Threadless Compression and Set–Screw Couplings and Connectors	183	X	X	
Type EF and Type EFL Concrete Slab Electroform Inserts	187	X	X	
Conduit End Bells	188	X	X	
Cable Supports	189	X	X	
Conduit Ventilators	203	X	X	
Conduit Sealing Bushings	209		X	



AX Expansion Fitting



AX Expansion Fitting



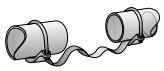
TX Expansion Fitting



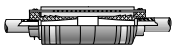
EX Expansion Fitting



BJ Bonding Jumper



ABJ Bonding Jumper



DX Expansion Fitting



AXDX Expansion Fitting



EXPB Expansion Fitting



EXPB Expansion Fitting



PB/PBW Pull Box Fitting



SCC/SSP Coupling



Three Piece Coupling



Type CH



Type CHM



Threaded Conduit Hub w/ Bonding Screw



90° Threaded Conduit Hub



Globally Certified Hub



Aluminum Diecast Watertight Hub



Zinc Diecast Watertight Hub



Male Enlarger



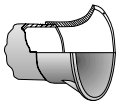
Type ICC



90° Compression Box Connector



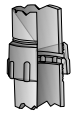
Straight Conduit Insert



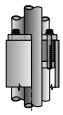
Type TNS Conduit End Bell



Type S Cable Support



Type KVF Conduit Ventilator



Type CSBE Sealing Bushing

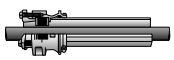
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Commercial and Industrial Fittings

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Rigid and IMC Conduit Fittings				
Cable Terminators	218		X	
Thru Wall Floor Seals	229	X	X	
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NEER™ Zinc Offset Nipples and Three Piece Couplings	243	X	X	
NEER™ Zinc Pulling Ells	244	X	X	
Rigid and IMC Straps, Clamps and Hangers				
Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC	245		X	
Rigid Metal Conduit, IMC or EMT "K–Clamps"	252		X	
Rigid Metal Conduit, IMC or EMT Hang–On™ Hangers	254	X	X	
Rigid Metal Conduit, IMC or EMT Pipe Hangers	255	X	X	
CTC Conduit Cable Tray Clamps	259	X	X	
TCC Single TCCD Double Conduit Cable Tray Clamps	261	X		
NEER™ Straps	262	X	X	
NEER™ Conduit Hangers	263	X		
NEER™ Nail Straps	264	X		
NEER™ Beam Clamps, Jack Chain and S Hooks	265	X	X	
NEER™ Cable Staples	266	X	X	
Liquidtight Conduit Fittings				
Installation Features of ST™, STB, STN and STL Connectors and Hubs	267	X	X	
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Liquidtight STF Connectors with Threaded Hubs	271	X	X	
Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief	272	X	X	
Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs	275	X	X	
Aluminum Liquidtight ST™ Series Connectors with Plain Throat	278	X	X	
Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit	279	X	X	
Liquidtight Flexible Nonmetallic Conduit Connectors	281	X	X	
Liquidtight STNM™ Type A Flexible Nonmetallic Conduit Connectors	282	X	X	
PG and ISO Metric Thread Liquidtight Insulated Connectors	283	X	X	
Liquidtight Accessories	286	X	X	
4Q Straight Liquidtight Connectors	287	X	X	
4Q 45° and 90° Liquidtight Connectors	289	X	X	


Type CRC Cable Terminator


Type FSK Thru Wall Floor Seal


NEER™ Zinc Bushed Conduit Nipple


NEER™ Zinc Three Piece Coupling

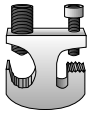

90° Female/Female Pulling Ell


Beam Clamp


Right Angle Type "K–Clamp"


Hang–On™ Conduit Hanger with Bolt


Type AJ Pipe Hanger


Cable Tray Grounding Clamp


TCC Single Conduit Cable Tray Clamp


NEER™ One Hole Click–On Strap


NEER™ Conduit Hanger


NEER™ Nail Strap


NEER™ S Hook


NEER™ Cable Staple


Liquidtight ST™ Plain Throat Connector


Liquidtight STF Connector


Liquidtight Wire Mesh Strain


STB Insulated Throat Connector


Aluminum Liquidtight ST™ Connector with Plain Throat

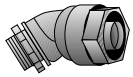

Liquidtight STN Insulated Connector


Liquidtight STNM™ Flexible Nonmetallic Connectors


PG/ISO Liquidtight Connector


Steel Backed Neoprene Sealing Gasket Accessory


4Q Straight Liquidtight Connectors


4Q 45° Liquidtight Connector

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Commercial and Industrial Fittings

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Liquidtight Conduit Fittings				
4Q–FM Liquidtight Combination Couplings	293	X	X	
4Q–WM Wire Mesh Liquidtight Connectors with Wire Mesh Strain Relief	294	X	X	
4Q Liquidtight Sealing Ring Assemblies	295	X	X	
Ground–Tite® 4Q Liquidtight Combination Couplings	299	X	X	
4Q Straight, 45° and 90° Liquidtight Connectors	300	X	X	
4QS Straight, 45° and 90° Steel Liquidtight Fittings	301	X	X	
4QSS Straight, 45° and 90° Stainless Steel Liquidtight Connectors	302	X	X	
NEER™ Zinc Liquidtight Connectors	303	X	X	
NEER™ Nylon Liquidtight Connectors	305	X		
Cord and Tray Cable Connectors				
Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors	306	X	X	
Grip–Tite® Strain Relief Connectors	315	X	X	
Gold Seal Strain Relief Connectors	318	X	X	
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Bushings and Locknuts				
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Types ABLG and RBLG Specification Grade Insulated Grounding Bushings	330	X	X	
Type SBLG Specification Grade Insulated Grounding Bushings	332	X	X	
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NEER™ Zinc Grounding Type Insulated Bushings	349	X	X	
NEER™ Standard Conduit Locknuts	350	X	X	
Type RW Reducing Washers	352	X	X	
Reducing Washers	353	X	X	
NEER™ Reducing Washers and Bushings	354	X	X	


4Q–FM Liquidtight Combination Coupling

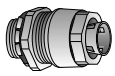

4Q–WM Wire Mesh Strain

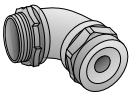

4Q Liquidtight Sealing Ring Assemblies


ETP™ 4QS Liquidtight Connector


Neer™ Nylon Liquidtight Connector


Aluminum Liquidtight Strain Relief Cord and Cable Connector


Grip–Tite® Strain Relief Connector


Gold Seal Strain Relief Connector


Bus Drop Cable Clamp and Strap


Type A Insulating Bushing


Type SB Specification Grade Insulated Bushing


Type SBLG Specification Grade Insulated Grounding Bushing


Threaded Conduit Bushing


Insulated Grounding Bushing


Rigid Conduit an IMC Locknut


NEER™ Zinc Insulated Bushing


NEER™ Standard Conduit Locknut


NEER™ Standard Conduit Locknut


Reducing Washer

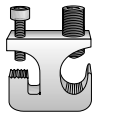

NEER™ Reducing Bushing

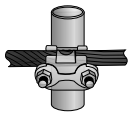
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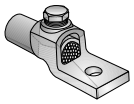
Commercial and Industrial Fittings

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Grounding Fittings and Solderless Connectors				
Ground Clamps	355	X	X	
Ground Connectors	361	X	X	
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Type PG Armored/Metal Clad Cable Connectors	373	X	X	
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SPEED–LOCK™ Steel Box Connectors and SPEED–LOCK™ Zinc Snap Connectors	389	X	X	
NEER™ Zinc Cable and Conduit Connectors	392	X	X	
NEER™ Zinc Cable Connectors	397	X	X	
NEER™ Connectors for Nonmetallic Sheathed Cable	398	X	X	
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NEER™ Cable Straps	402	X	X	
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ETP™ 5000S Steel EMT Set Screw Couplings	404	X	X	
ETP™ 7000S Series Steel EMT Compression Connectors	405	X	X	
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ETP™ 4000US Series Steel EMT Set Screw Connectors	407	X	X	
ETP™ 5000US Steel EMT Set Screw Couplings	408	X	X	
ETP™ 7000US Series Steel EMT Compression Connectors	409	X	X	
ETP™ 6000US Steel EMT Compression Couplings	410	X	X	
ETP™ Raintight 7000GSR Series Gland Compression Connectors	411	X		
ETP™ Raintight 6000GSR Series Gland Compression Couplings	412	X		
EMT Transition Couplings	413	X		
EMT Angle Set Screw Connectors	415	X	X	


Ground Clamp


Ground Connector


Type XTP


Type XLH


Type FB


NEER™ Ground Clamp


Type PK Clad Cable Connector


Type PG Clad Cable Connector


Type KC Cable Connector


Armored Cable and Flexible Metal Conduit Connector


Nonmetallic Sheathed Cable Connector


SPEED–LOCK™ Steel Box Connector


NEER™ Zinc Cable and Conduit Connector


NEER™ Zinc Cable Connector


NEER™ Connector for Nonmetallic Sheathed Cable


NEER™ Anti–Short Bushing


NEER™ EMT Strap


NEER™ Cable Strap


ETP™ 4000S Steel EMT Set Screw Connector


ETP™ 5000S Steel EMT Set Screw Coupling


ETP™ 7000S Steel EMT Compression Connector


ETP™ 6000S Steel EMT Compression Coupling


4000US Steel EMT Set Screw Connector


5000US Steel EMT Set Screw Coupling

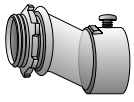

7000US Steel EMT Compression Connector


6000US Steel EMT Compression Coupling


ETP™ Raintight 7000GSR Gland Compression Connector


ETP™ Raintight 7000GSR Gland Compression Connector


EMT Transition Coupling

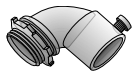

EMT Angle Set Screw Connector

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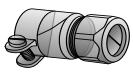
EMERSON

Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
EMT (Electrical Metalic Tubing) Fittings				
EMT Angle Compression Connectors	416	X	X	
EMT Combination Couplings	419	X	X	
NEER™ Zinc Gland Compression Connectors and Couplings	420	X	X	
NEER™ Zinc Set Screw Connectors and Couplings	421	X	X	
NEER™ Zinc Combination Couplings	422	X	X	
NEER™ Zinc 90° Gland Compression Connectors	423	X	X	
NEER™ Zinc 90° Corner Pulling Elbows	424	X	X	
NEER™ Zinc Set Screw Offset Nipples	425	X	X	
EMT Clamps and Straps	426	X	X	
EMT Straps	428		X	
EMT Malleable Iron Straps and Spacers	429		X	
NEER™ Conduit Hangers	431	X		
NEER™ Straps	432	X	X	
NEER™ Nail Straps	433	X		
NEER™ Beam Clamps, Jack Chain and S Hooks	434	X	X	
NEER™ Cable Staples	435	X	X	



EMT Angle Compression Connector



EMT Combination Coupling



NEER™ Zinc Gland Compression Connector



NEER™ Zinc Set Screw Connector



NEER™ Zinc Combination Coupling



NEER™ Zinc 90° Gland Compression Connector



NEER™ Zinc 90° Corner Pulling Elbow



NEER™ Zinc Set Screw Offset Nipple



EMT Clamp



EMT Strap



EMT Malleable Iron Strap



NEER™ Conduit Hanger



NEER™ Strap



NEER™ Nail Strap



NEER™ S Hook



NEER™ Cable Staple

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Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
Outlet Boxes, Switch Boxes and Covers				
Capacity of Steel Boxes and Covers	436	X	X	
Outlet and Switch Boxes	437	X	X	
Styles of Clamps and Brackets	438	X	X	
4" Round Ceiling Fan Box With and Without Support Bar Hanger	440	X	X	
4" Octagon Ceiling Fan Boxes With and Without Support Bar Hanger	441	X	X	
Round Boxes and Covers	442	X	X	
3–1/4" Octagon Boxes and Extension Ring	443	X	X	
4" Octagon Boxes	444	X	X	
4" Octagon Box Extension Rings	449	X	X	
4" Octagon and Round Covers	450	X	X	
4" Square Boxes	451	X	X	
4" Square Boxes with Snap–In Brackets	460	X	X	
4" Square Box Extension Rings and Thru–Ring	462	X	X	
4" Square Covers	463	X	X	
4–11/16" Square Boxes	473	X	X	
4–11/16" Square Boxes and Extension Rings	475	X	X	
4–11/16" Square Covers	476	X	X	
Handy Boxes	483	X	X	
Handy Boxes and Extension Ring	485	X	X	
Handy Box Covers	487	X	X	
4" Octagon Concrete Boxes and Back Plates	489	X	X	
Adjustable Bar Hangers	490	X	X	
Switch Boxes	491	X	X	
Multigang Switch Boxes	507	X	X	
Multigang Switch Box Covers	508	X	X	
Masonry Boxes	509	X	X	
Knockout Blanks and Fixture Stems	511	X	X	
Outlet Box/Switch Box Accessories	512	X	X	
NEER™ Safety Plates and Switch Box Supports	513	X		



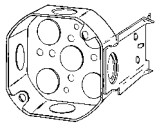
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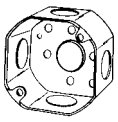
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FFS–4CL



40JB–1/2



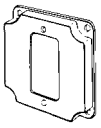
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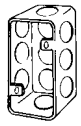
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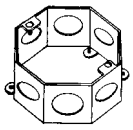
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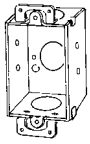
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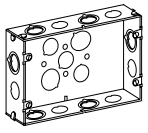
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OCR2



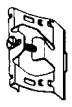
94



2G5075S



M1–250



892

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Commercial and Industrial Fittings

Description	Page	NEC	CEC	ATEX/ IEC
Weatherproof Boxes, Covers and Lighting Fixtures				
Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures	514	X	X	
One–Gang Weatherproof Outlet Boxes and Extensions	515	X	X	
Two–Gang Weatherproof Outlet Boxes and Extensions	518	X	X	
One–Gang Weatherproof Covers	521	X	X	
One–Gang Weatherproof In–Use Covers with Inserts	526	X	X	
Two–Gang Weatherproof Covers	528	X	X	
Two–Gang Weatherproof In–Use Covers with Inserts	531	X	X	
Round Weatherproof Outlet Boxes and Extensions	533	X	X	
Round Weatherproof Covers	534	X	X	
Ceiling Plates and Lampholders	535	X	X	
Weatherproof Incandescent Fixtures	536	X	X	
Accessories and Replacement Parts	537	X	X	
Non–Metallic Weatherproof Boxes, Covers and Lampholders	538	X	X	
Non–Metallic Weatherproof Covers	540	X	X	
Service Entrance Fittings				
Service Entrance Heads	543	X	X	
Watertight Service Entrance and UF Cable Connectors	547	X		
Non–Watertight Service Entrance Connectors	549	X	X	
Service Entrance Cable Connectors	551	X		
Nonmetallic Sheathed and Service Entrance Cable Connectors	553	X	X	
Round Service Entrance Straps and Nails	555		X	
NEER™ Aluminum Service Entrance Pulling Ells	556	X	X	
NEER™ Aluminum Entrance Caps	557	X		
NEER™ Service Entrance Caps and Straps	559	X	X	
NEER™ PVC Entrance Caps	560	X	X	
NEER™ Zinc Two Screw Connectors For Service Entrance Cable	561	X	X	
NEER™ Service Entrance Flashings	562	X	X	
NEER™ Service Entrance Wire Holders	563	X	X	
NEER™ Service Entrance Connectors	564	X	X	
NEER™ Duct Sealing Compound	565	X		


WSL150


WSL250


WE


WRX50


WCB1


WC1150


WCB24


WVSG2


WCR350

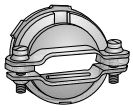

WSM150GNM


WCT1GNM


WCIU1DV/ WCIU2SD


Service Entrance Head


Watertight Service Entrance and UF Cable Connector


Non–Watertight Service Entrance Connector


Service Entrance Cable Connector


Nonmetallic Sheathed Cable Connector


Round Service Entrance Strap


NEER™ Aluminum Service Entrance Pulling Ell


NEER™ Aluminum Entrance Cap


NEER™ Service Entrance Strap


NEER™ PVC Entrance Cap


NEER™ Zinc Two Screw Connector For Service Entrance Cable



Duct Sealing Compound

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Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 35™ malleable iron Unilets™: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"): eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Bodies: malleable iron
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog.*



2" Type LB with rollers shown

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Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Threaded Type Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	E	Max. Wire Fill	LB
						
1/2	①	**C-50M**	①	**E-50M**	①	**LB-50M**
3/4	(3) # 6	**C-75M**	(3) # 6	**E-75M**	(3) # 6	**LB-75M**
1	(3) # 4	**C-100M**	(3) # 4	**E-100M**	(3) # 4	**LB-100M**
1-1/4	(3) # 2	**C-125M** ②	(3) #2	**E-125M**	(3) # 2	**LB-125M** ②
1-1/2	(3) # 1/0	**C-150M** ②	(3) # 1/0	**E-150M**	(3) # 1/0	**LB-150M** ②
2	(3) # 4/0	**C-200M** ②	—	—	(3) # 4/0	**LB-200M** ②
2-1/2	(3) 300	**C-250M** ②	—	—	(3) 300	**LB-250M** ②
3	(3) 300	**C-300M** ②	—	—	(3) 400	**LB-300M** ②
3-1/2	(3) 350	**C-350M** ②	—	—	(3) 500	**LB-350M** ②
4	(3) 350	**C-400M** ②	—	—	(3) 500	**LB-400M** ②
5	—	—	—	—	(3) 600	**LB-500M**

Hub Size (Inches)	Max. Wire Fill	LRL ③	Max. Wire Fill	T	Max. Wire Fill	TA
						
1/2	①	**LRL-50M**	①	**T-50M**	①	**TA-50M**
3/4	(3) # 6	**LRL-75M**	(3) # 6	**T-75M**	(3) # 6	**TA-75M**
1	(3) # 4	**LRL-100M**	(3) # 6	**T-100M**	(3) # 4	**TA-100M**
1-1/4	(3) # 2	**LRL-125M**	(3) # 6	**T-125M**	—	—
1-1/2	(3) # 1/0	**LRL-150M**	(3) # 4	**T-150M**	—	—
2	(3) # 4/0	**LRL-200M**	(3) # 1/0	**T-200M**	—	—
2-1/2	—	—	(3) 300	**T-250M**	—	—
3	—	—	(3) 300	**T-300M**	—	—
3-1/2	—	—	(3) 350	**T-350M**	—	—
4	—	—	(3) 350	**T-400M**	—	—

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.
② Catalog numbers having roller feature, all others do not.
③ LRL Unilets have double opening and are furnished with one steel cover, assembled.

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Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Threaded Type Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	①	**LL-50M**	①	**LR-50M**
3/4	(3) # 6	**LL-75M**	(3) # 6	**LR-75M**
1	(3) # 4	**LL-100M**	(3) # 4	**LR-100M**
1-1/4	(3) # 2	**LL-125M**	(3) # 2	**LR-125M**
1-1/2	(3) # 1/0	**LL-150M**	(3) # 1/0	**LR-150M**
2	(3) # 4/0	**LL-200M**	(3) # 4/0	**LR-200M**
2-1/2	(3) 300	**LL-250M**	(3) 300	**LR-250M**
3	(3) 350	**LL-300M**	(3) 350	**LR-300M**
3-1/2	(3) 350	**LL-350M**	(3) 350	**LR-350M**
4	(3) 350	**LL-400M**	(3) 350	**LR-400M**
5	—	—	—	—
6	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	TB	Max. Wire Fill	X
				
1/2	①	**TB-50M**	①	**X-50M**
3/4	(3) # 6	**TB-75M**	(3) # 6	**X-75M**
1	(3) # 6	**TB-100M**	(3) # 4	**X-100M**
1-1/4	(3) # 6	**TB-125M**	(3) # 4	**X-125M**
1-1/2	(3) # 4	**TB-150M**	(3) # 1/0	**X-150M**
2	(3) # 1/0	**TB-200M**	(3) # 2/0	**X-200M**
2-1/2	—	—	—	—
3	—	—	—	—
3-1/2	—	—	—	—
4	—	—	—	—

Back Style for Form 35™ Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back
C, LB	1/2 – 2	2-1/2 and up
E	1/2 – 1-1/2	1-1/4 and up
LL, LR, T	1/2 – 2	2-1/2 and up

Unilet Body	Flat Back	Round Back
TB	1/2 – 1-1/2	1/2, 3/4, 1, 2
X	1/2 – 2	1-1/4 and up
TA	All sizes	–

① *All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.*

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Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

	Capacity dm^3 (in^3)										
Hub Size (Inches)	**C**	**E**	**LB**	**LL & LR**	**LRL**	**T**	**TA**	**TB**	**X**	**Stamped Cover**	**Cast Cover**
1/2	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.08 (5.00)	0.10 (6.00)	0.07 (4.30)	0.07 (4.30)	0.10 (6.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.14 (8.80)	0.16 (9.50)	0.11 (7.00)	0.11 (7.00)	0.16 (9.50)	0.01 (0.80)	0.00 (0.30)
1	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.23 (14.30)	0.25 (15.00)	0.25 (15.00)	0.21 (13.00)	0.25 (15.00)	25.4 (1.00)	0.01 (0.50)
1-1/4	0.57 (35.00)	0.48 (29.30)	0.53 (32.30)	0.52 (32.00)	0.57 (34.80)	0.54 (33.00)	—	0.57 (35.00)	0.52 (31.50)	0.04 (2.50)	0.01 (0.80)
1-1/2	0.58 (35.30)	0.53 (32.50)	0.58 (35.30)	0.58 (35.30)	0.66 (40.00)	0.59 (36.00)	—	0.58 (35.30)	0.66 (40.00)	0.04 (2.50)	0.01 (0.80)
2	1.23 (75.00)	—	1.20 (73.00)	1.20 (73.00)	1.39 (85.00)	1.16 (71.00)	—	1.16 (71.00)	1.16 (71.00)	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	2.30 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)
5	—	—	12.39 (756.00)	—	—	—	—	—	—	—	—
6	—	—	21.76 (1328.00)	—	—	—	—	—	—	—	—

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Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Covers and Gaskets ①

Body Size (Inches)	Blank Stamped Steel	Blank Cast Malleable	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"	 Tear out inner section to convert to "open type" gasket.	
	 Flat: 3–1/2" – 6"	 Domed: 2–1/2" – 4"		
1/2	**K50**	**K50-CM**	**GK50-N**	**GK50-V**
3/4	**K75**	**K75-CM**	**GK75-N**	**GK75-V**
1	**K100**	**K100-CM**	**GK100-N**	**GK100-V**
1-1/4	**K125-150**	**K125-150-CM**	**GK125-150-N**	**GK125-150-V**
1-1/2	**K125-150**	**K125-150-CM**	**GK125-150-N**	**GK125-150-V**
2	**K200**	**K200-CM**	**GK200-N**	**GK200-V**
2-1/2	**K250-300**	**K250-300-CM**	**GK250-300-N**	**GK-250-300-V**
3	**K250-300**	**K250-300-CM**	**GK250-300-N**	**GK-250-300-V**
3-1/2	**K350-400**	**K350-400-CM**	**GK350-400-N**	**GK-350-400-V**
4	**K350-400**	**K350-400-CM**	**GK350-400-N**	**GK-350-400-V**
5	**K500**	—	**GK500-SN** ②	—
6	**K600**	—	**GK600-SN** ②	—

① Refer to previous page for Wiring Capacity Table.
② Not perforated.

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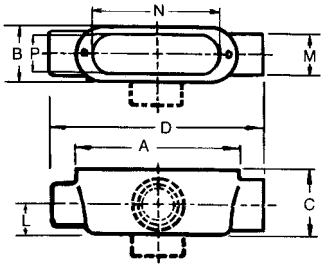
EMERSON

Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

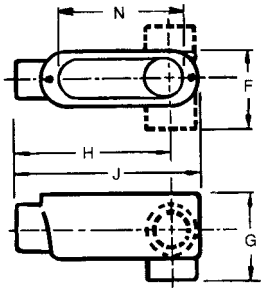
Threaded Type for use with Rigid Metal Conduit and IMC; Compression Type for use with Threadless Rigid Metal Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

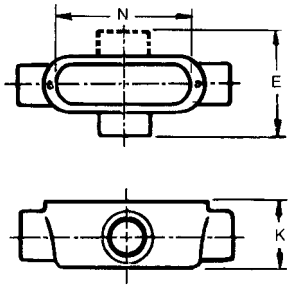
Threaded Type Dimensions in Millimeters (Inches)



Types A, C, TA, TB



Types E, LB, LL, LR, LRL



Types T, X

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	100.1 (3.94)	33.3 (1.31)	36.6 (1.44)	136.7 (5.38)	68.3 (2.69)	50.8 (2.00)	54.1 (2.13)	100.1 (3.94)	117.6 (4.63)	44.5 (1.75)	16.0 (0.63)	30.2 (1.19)	80.3 (3.16)	25.4 (1.00)
3/4	117.6 (4.63)	39.6 (1.56)	42.9 (1.69)	153.9 (6.06)	73.2 (2.88)	55.6 (2.19)	58.7 (2.31)	112.8 (4.44)	136.7 (5.38)	50.8 (2.00)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	31.0 (1.22)
1	136.7 (5.38)	46.0 (1.81)	49.3 (1.94)	181.1 (7.13)	85.9 (3.38)	65.0 (2.56)	68.3 (2.69)	130.3 (5.13)	158.8 (6.25)	57.2 (2.25)	23.9 (0.94)	42.9 (1.69)	115.1 (4.53)	37.3 (1.47)
1-1/4	182.6 (7.19)	63.5 (2.50)	65.0 (2.56)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	90.4 (3.56)	179.3 (7.06)	208.0 (8.19)	65.0 (2.56)	30.2 (1.19)	50.8 (2.00)	152.4 (6.00)	50.8 (2.00)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	95.3 (3.75)	173.0 (6.81)	208.0 (8.19)	69.9 (2.75)	35.1 (1.38)	60.5 (2.38)	152.4 (6.00)	50.8 (2.00)
2	241.3 (9.50)	79.5 (3.13)	85.9 (3.38)	295.4 (11.63)	133.4 (5.25)	106.4 (4.19)	117.6 (4.63)	227.1 (8.94)	268.2 (10.56)	85.9 (3.38)	41.4 (1.63)	74.7 (2.94)	204.7 (8.06)	65.0 (2.56)
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	98.6 (3.88)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	117.6 (4.63)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	131.8 (5.19)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	141.2 (5.56)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)
5	463.6 (18.25)	184.2 (7.25)	177.8 (7.00)	—	—	—	228.6 (9.00)	428.8 (16.88)	514.4 (20.25)	—	85.9 (3.38)	165.1 (6.50)	412.8 (16.25)	165.1 (6.50)
6	584.2 (23.00)	219.2 (8.63)	220.7 (8.69)	—	—	—	271.5 (10.69)	534.9 (21.06)	635.0 (25.00)	—	100.1 (3.94)	192.0 (7.56)	533.4 (21.00)	198.4 (7.81)

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Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Spec 5 malleable or ductile iron Unilets™: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"): eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.
- Raintight when a cover and gasket are installed.

Standard Materials

- Bodies: malleable or ductile iron
- Covers: steel, aluminum, malleable or ductile iron
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

- Malleable or ductile iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

Options

- For additional corrosion protection, specify Hot Dip Galvanized: add suffix **-G** to malleable or ductile iron catalog number.

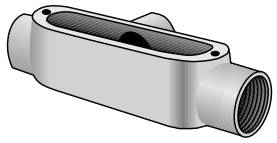
NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

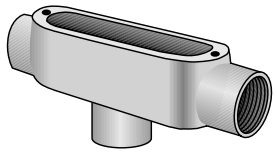
Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog.*

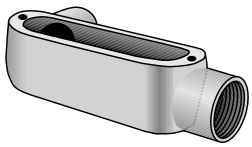
Illustrated Features



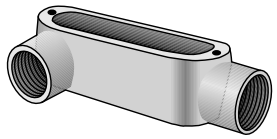
Type T



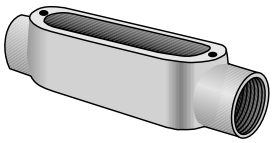
Type TB



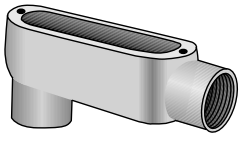
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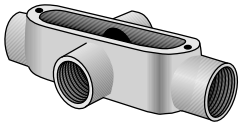
Type LR



Type C



Type LB



Type X

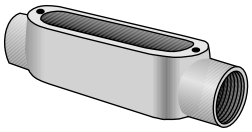
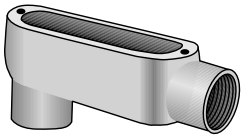
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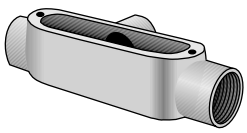
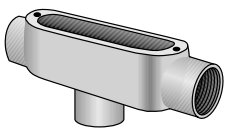
EMERSON

Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	C			LB		
	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number
						
1/2	①	**C-50**	**C-50G**	①	**LB-50**	**LB-50G**
3/4	(3) # 6AWG	**C-75**	**C-75G**	(3) # 6AWG	**LB-75**	**LB-75G**
1	(3) # 4AWG	**C-100**	**C-100G**	(3) # 4AWG	**LB-100**	**LB-100G**
1-1/4	(3) # 2AWG	**C-125** ②	**C-125G** ②	(3) # 2AWG	**LB-125**	**LB-125G** ②
1-1/2	(3) # 1/0AWG	**C-150** ②	**C-150G** ②	(3) # 1/0AWG	**LB-150**	**LB-150G** ②
2	(3) # 4/0AWG	**C-200** ②	**C-200G** ②	(3) # 4/0AWG	**LB-200**	**LB-200G** ②
2-1/2	(3) 300MCM	**C-250** ②	**C-250G** ②	(3) 300MCM	**LB-250**	**LB-250G** ②
3	(3) 300MCM	**C-300** ②	**C-300G** ②	(3) 300MCM	**LB-300**	**LB-300G** ②
3-1/2	(3) 350MCM	**C-350** ②	**C-350G** ②	(3) 350MCM	**LB-350**	**LB-350G** ②
4	(3) 350MCM	**C-400** ②	**C-400G** ②	(3) 350MCM	**LB-400**	**LB-400G** ②

Trade Size (Inches)	T			TB		
	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number
						
1/2	①	**T-50**	**T-50G**	①	**TB-50**	**TB-50G**
3/4	(3) # 6AWG	**T-75**	**T-75G**	(3) # 6AWG	**TB-75**	**TB-75G**
1	(3) # 4AWG	**T-100**	**T-100G**	(3) # 4AWG	**TB-100**	**TB-100G**
1-1/4	(3) # 2AWG	**T-125**	**T-125G**	(3) # 2AWG	**TB-125**	**TB-125G**
1-1/2	(3) # 1AWG	**T-150**	**T-150G**	(3) # 1AWG	**TB-150**	**TB-150G**
2	(3) # 2/0AWG	**T-200**	**T-200G**	(3) # 2/0AWG	**TB-200**	**TB-200G**
2-1/2	(3) 300MCM	**T-250**	**T-250G**	(3) 300MCM	—	—
3	(3) 300MCM	**T-300**	**T-300G**	(3) 300MCM	—	—
3-1/2	(3) 350MCM	**T-350**	**T-350G**	(3) 350MCM	—	—
4	(3) 350MCM	**T-400**	**T-400G**	(3) 350MCM	—	—

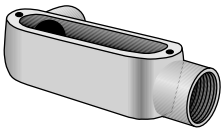
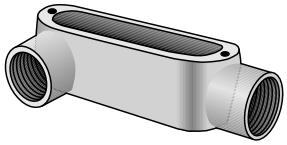
① *All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.*
② *Catalog numbers having roller feature, all others do not.*

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Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	LL			LR		
	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number	Max. Wire Fill	Catalog Number	Hot Dip Galvanized Catalog Number
						
1/2	①	**LL-50**	**LL-50G**	①	**LR-50**	**LR-50G**
3/4	(3) # 6AWG	**LL-75**	**LL-75G**	(3) # 6AWG	**LR-75**	**LR-75G**
1	(3) # 4AWG	**LL-100**	**LL-100G**	(3) # 4AWG	**LR-100**	**LR-100G**
1-1/4	(3) # 2AWG	**LL-125**	**LL-125G**	(3) # 2AWG	**LR-125**	**LR-125G**
1-1/2	(3) # 1/0AWG	**LL-150**	**LL-150G**	(3) # 1/0AWG	**LR-150**	**LR-150G**
2	(3) # 4/0AWG	**LL-200**	**LL-200G**	(3) # 4/0AWG	**LR-200**	**LR-200G**
2-1/2	(3) 300MCM	**LL-250**	**LL-250G**	(3) 300MCM	**LR-250**	**LR-250G**
3	(3) 350MCM	**LL-300**	**LL-300G**	(3) 350MCM	**LR-300**	**LR-300G**
3-1/2	(3) 350MCM	**LL-350**	**LL-350G**	(3) 350MCM	**LR-350**	**LR-350G**
4	(3) 350MCM	**LL-400**	**LL-400G**	(3) 350MCM	**LR-400**	**LR-400G**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.
- Conduit bodies are suitable for use in Class I, Division 2 hazardous locations per NEC Section 501-4(B).

Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one catalog number.
- Ready to use.

Standard Materials

- Bodies: malleable or ductile iron
- Covers: steel, aluminum, malleable or ductile iron
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

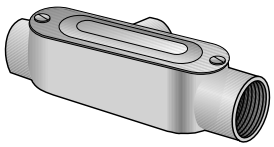
Standard Finishes

- Malleable or ductile iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: A-A-50563
- NEMA: FB-1, FB-2.10

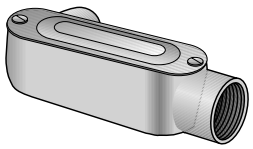
Illustrated Features



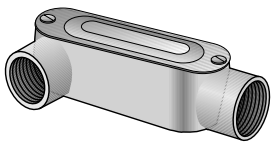
Type T–CG



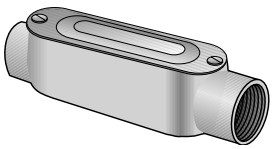
Type TB–CG



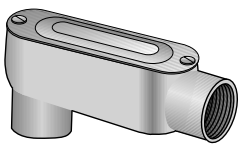
Type LL–CG



Type LR–CG



Type C–CG



Type LB–CG



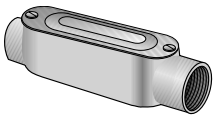
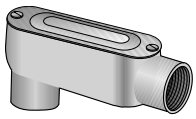
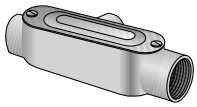
Type X–CG

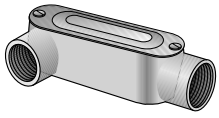
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Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	C–CG		LB–CG		T–CG	
	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number
						
1/2	①	**C-50CG**	①	**LB-50CG**	①	**T-50CG**
3/4	(3) # 6AWG	**C-75CG**	(3) # 6AWG	**LB-75CG**	(3) # 6AWG	**T-75CG**
1	(3) # 4AWG	**C-100CG**	(3) # 4AWG	**LB-100CG**	(3) # 4AWG	**T-100CG**
1-1/4	(3) # 2AWG	**C-125CG**	(3) # 2AWG	**LB-125CG**	(3) # 2AWG	**T-125CG**
1-1/2	(3) # 1/0AWG	**C-150CG**	(3) # 1/0AWG	**LB-150CG**	(3) # 1AWG	**T-150CG**
2	(3) # 4/0AWG	**C-200CG**	(3) # 4/0AWG	**LB-200CG**	(3) # 2/0AWG	**T-200CG**

Trade Size (Inches)	TB–CG		LL–CG		LR–CG	
	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number	Max. Wire Fill	Catalog Number
						
1/2	①	**TB-50CG**	①	**LL-50CG**	①	**LR-50CG**
3/4	(3) # 6AWG	**TB-75CG**	(3) # 6AWG	**LL-75CG**	(3) # 6AWG	**LR-75CG**
1	(3) # 4AWG	**TB-100CG**	(3) # 4AWG	**LL-100CG**	(3) # 4AWG	**LR-100CG**
1-1/4	(3) # 2AWG	**TB-125CG**	(3) # 2AWG	**LL-125CG**	(3) # 2AWG	**LR-125CG**
1-1/2	(3) # 1AWG	**TB-150CG**	(3) # 1/0AWG	**LL-150CG**	(3) # 1/0AWG	**LR-150CG**
2	(3) # 2/0AWG	**TB-200CG**	(3) # 4/0AWG	**LL-200CG**	(3) # 4/0AWG	**LR-200CG**

Trade Size (Inches)	X–CG	
	Max. Wire Fill	Catalog Number
		
1/2	①	**X-50CG**
3/4	(3) # 6AWG	**X-75CG**
1	(3) # 4AWG	**X-100CG**
1-1/4	(3) # 4AWG	**X-125CG**
1-1/2	(3) 1/0AWG	**X-150CG**
2	(3) 2/0AWG	**X-200CG**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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Spec 5 Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

	Capacity dm^3 (in^3)										
Hub Size (Inches)	C	E	LB	LL & LR	LRL	T	TA	TB	X	Stamped Cover	Cast Cover
1/2	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.07 (4.50)	0.08 (5.00)	0.10 (6.00)	0.07 (4.30)	0.07 (4.30)	0.10 (6.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.12 (7.50)	0.14 (8.80)	0.16 (9.50)	0.11 (7.00)	0.11 (7.00)	0.16 (9.50)	0.01 (0.80)	0.00 (0.30)
1	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.20 (12.50)	0.23 (14.30)	0.25 (15.00)	0.25 (15.00)	0.21 (13.00)	0.25 (15.00)	25.4 (1.00)	0.01 (0.50)
1-1/4	0.57 (35.00)	0.48 (29.30)	0.53 (32.30)	0.52 (32.00)	0.57 (34.80)	0.54 (33.00)	—	0.57 (35.00)	0.52 (31.50)	0.04 (2.50)	0.01 (0.80)
1-1/2	0.58 (35.30)	0.53 (32.50)	0.58 (35.30)	0.58 (35.30)	0.66 (40.00)	0.59 (36.00)	—	0.58 (35.30)	0.66 (40.00)	0.04 (2.50)	0.01 (0.80)
2	1.23 (75.00)	—	1.20 (73.00)	1.20 (73.00)	1.39 (85.00)	1.16 (71.00)	—	1.16 (71.00)	1.16 (71.00)	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	2.30 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)
5	—	—	12.39 (756.00)	—	—	—	—	—	—	—	—
6	—	—	21.76 (1328.00)	—	—	—	—	—	—	—	—

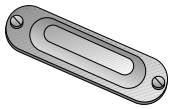
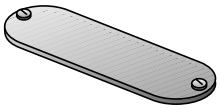
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Spec 5 Conduit Bodies, Covers and Gaskets

For Spec 5 Conduit Outlet Bodies.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Blank Covers and Gaskets

Body Size (Inches)	Domed Top Design Steel Cover	Flat Top Design Iron Cover	Solid Cover Sealing Gasket	
			Velbuna	Neoprene
				
1/2	**BS-50S**	**BC-50G**	**SG-50**	**SGN-50**
3/4	**BS-75S**	**BC-75G**	**SG-75**	**SGN-75**
1	**BS-100S**	**BC-100G**	**SG-100**	**SGN-100**
1-1/4 - 1-1/2	**BS-125S**	**BC-125G**	**SG-125**	**SGN-125**
2	**BS-200S**	**BC-200G**	**SG-200**	**SGN-200**
2-1/2 - 3	**BS-250S**	**BC-250G**	**SG-250**	**SGN-250**
3-1/2 - 4	**BS-350S** ①	**BC-350G**	**SG-350**	**SGN-350**

① *Flat Top Design Cover*

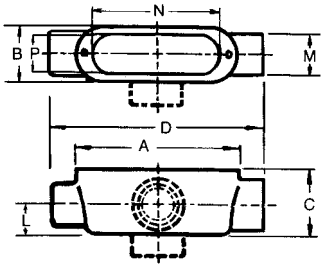
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Spec 5 Conduit Bodies, Covers and Gaskets

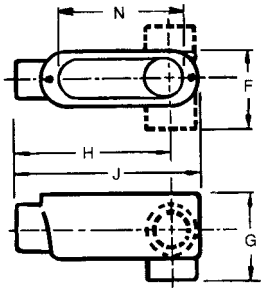
For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

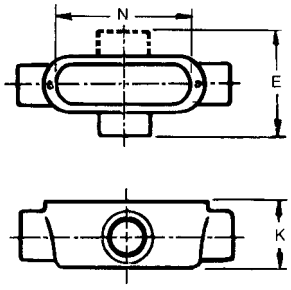
Threaded Type Dimensions in Millimeters (Inches)



Types A, C, TA, TB



Types E, LB, LL, LR, LRL



Types T, X

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	100.1 (3.94)	33.3 (1.31)	36.6 (1.44)	136.7 (5.38)	68.3 (2.69)	50.8 (2.00)	54.1 (2.13)	100.1 (3.94)	117.6 (4.63)	44.5 (1.75)	16.0 (0.63)	30.2 (1.19)	80.3 (3.16)	25.4 (1.00)
3/4	117.6 (4.63)	39.6 (1.56)	42.9 (1.69)	153.9 (6.06)	73.2 (2.88)	55.6 (2.19)	58.7 (2.31)	112.8 (4.44)	136.7 (5.38)	50.8 (2.00)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	31.0 (1.22)
1	136.7 (5.38)	46.0 (1.81)	49.3 (1.94)	181.1 (7.13)	85.9 (3.38)	65.0 (2.56)	68.3 (2.69)	130.3 (5.13)	158.8 (6.25)	57.2 (2.25)	23.9 (0.94)	42.9 (1.69)	115.1 (4.53)	37.3 (1.47)
1-1/4	182.6 (7.19)	63.5 (2.50)	65.0 (2.56)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	90.4 (3.56)	179.3 (7.06)	208.0 (8.19)	65.0 (2.56)	30.2 (1.19)	50.8 (2.00)	152.4 (6.00)	50.8 (2.00)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	233.4 (9.19)	114.3 (4.50)	88.9 (3.50)	95.3 (3.75)	173.0 (6.81)	208.0 (8.19)	69.9 (2.75)	35.1 (1.38)	60.5 (2.38)	152.4 (6.00)	50.8 (2.00)
2	241.3 (9.50)	79.5 (3.13)	85.9 (3.38)	295.4 (11.63)	133.4 (5.25)	106.4 (4.19)	117.6 (4.63)	227.1 (8.94)	268.2 (10.56)	85.9 (3.38)	41.4 (1.63)	74.7 (2.94)	204.7 (8.06)	65.0 (2.56)
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	98.6 (3.88)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	117.6 (4.63)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	131.8 (5.19)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	141.2 (5.56)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)
5	463.6 (18.25)	184.2 (7.25)	177.8 (7.00)	—	—	—	228.6 (9.00)	428.8 (16.88)	514.4 (20.25)	—	85.9 (3.38)	165.1 (6.50)	412.8 (16.25)	165.1 (6.50)
6	584.2 (23.00)	219.2 (8.63)	220.7 (8.69)	—	—	—	271.5 (10.69)	534.9 (21.06)	635.0 (25.00)	—	100.1 (3.94)	192.0 (7.56)	533.4 (21.00)	198.4 (7.81)

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are suitable for use in wet locations. Grayloy-iron bodies with cast covers and gasket are suitable for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds ✣ Form 7™ ✣ bodies, gaskets and covers. Equivalent FM7™ and Form 7™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

Standard Materials

- Body: Grayloy-iron or copperfree (4/10 of 1% max.) aluminum
- Covers: Grayloy-iron, copperfree (4/10 of 1% max.) aluminum or steel
- Cover screws: stainless steel

Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Cast aluminum bodies and covers: epoxy powder coat
- Steel covers: zinc electroplate
- Stamped aluminum covers: natural finish

Options

- No paint and coatings available on select bodies and covers. Add suffix **-NP** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 514A , 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



Type LB

Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™–Iron, 1" Type C shown with cut–away body and cover to illustrate Wedge–Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



Appleton™ FM7™ (C57, 1–1/2")
28 Cubic Inches Capacity
Flat–Back Design



Crouse–Hinds Form 7™
(C57, 1–1/2")
26 Cubic Inches Capacity

✣ *Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.*

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM7™ Conduit Bodies ①

	C			LB			LL		
Hub Size (Inches)	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ④**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ④**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ④**
									
1/2	③	**APPC17**	**APPC-17SA**	③	**APPLB17**	**APPLB-17SA**	③	**APPLL17**	**APPLL-17SA**
3/4	(3) # 6	**APPC27**	**APPC-27SA**	(3) # 6	**APPLB27**	**APPLB-27SA**	(3) # 6	**APPLL27**	**APPLL-27SA**
1	(3) # 4	**APPC37**	**APPC-37SA**	(3) # 4	**APPLB37**	**APPLB-37SA**	(3) # 4	**APPLL37**	**APPLL-37SA**
1-1/4	(3) # 3	**APPC47**	**APPC-47SA**	(3) # 3	**APPLB47**	**APPLB-47SA**	(3) # 2	**APPLL47**	**APPLL-47SA**
1-1/2	(3) # 3	**APPC57**	**APPC-57SA**	(3) # 3	**APPLB57**	**APPLB-57SA**	(3) # 2	**APPLL57**	**APPLL-57SA**
2	(3) # 1/0	**APPC67**	**APPC-67SA**	(3) # 1/0	**APPLB67**	**APPLB-67SA**	(3) # 3/0	**APPLL67**	**APPLL-67SA**
2-1/2	(3) 2/0	**APPC77**	**APPC-77SA**	(3) 3/0	**APPLB77**	**APPLB-77SA**	(3) 250	**APPLL77**	**APPLL-77SA**
3	(3) 2/0	**APPC87**	**APPC-87SA**	(3) 2/0	**APPLB87**	**APPLB-87SA**	(3) 250	**APPLL87**	**APPLL-87SA**
3-1/2	—	—	—	(3) 300	**APPLB97**	**APPLB-97SA**	(3) 350	**APPLL97**	**APPLL-97SA**
4	—	—	—	(3) 350	**APPLB107**	**APPLB-107SA**	(3) 350	**APPLL107**	**APPLL-107SA**

	E			L ②			TA		
Hub Size (Inches)	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ④**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum**
									
1/2	③	**APPE17**	**APPE-17SA**	③	**APPL17**	—	③	**APPTA17**	—
3/4	(3) # 6	**APPE27**	**APPE-27SA**	(3) # 4	**APPL27**	—	(3) # 6	**APPTA27**	—
1	(3) # 4	**APPE37**	**APPE-37SA**	(3) # 4	**APPL37**	—	(3) # 4	**APPTA37**	—
1-1/4	—	—	—	(3) # 2	**APPL47**	—	(3) # 3	**APPTA47**	—
1-1/2	—	—	—	(3) # 2	**APPL57**	—	(3) # 2	**APPTA57**	—
2	—	—	—	(3) # 2	**APPL67**	—	(3) # 2	**APPTA67**	—

① Refer to following pages for Wiring Capacity Table.
② L Unilets have double opening and are furnished with one steel cover, assembled.
③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.
*④ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number..*

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM7™ Conduit Bodies ①

		LR			T	
Hub Size (Inches)	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ③**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ③**
						
1/2	②	**APPLR17**	**APPLR-17SA**	②	**APPT17**	**APPT-17SA**
3/4	(3) # 6	**APPLR27**	**APPLR-27SA**	(3) # 6	**APPT27**	**APPT-27SA**
1	(3) # 4	**APPLR37**	**APPLR-37SA**	(3) # 4	**APPT37**	**APPT-37SA**
1-1/4	(3) # 2	**APPLR47**	**APPLR-47SA**	(3) # 3	**APPT47**	**APPT-47SA**
1-1/2	(3) # 2	**APPLR57**	**APPLR-57SA**	(3) # 3	**APPT57**	**APPT-57SA**
2	(3) # 2	**APPLR67**	**APPLR-67SA**	(3) # 2	**APPT67**	**APPT-67SA**
2-1/2	—	**APPLR77**	**APPLR-77SA**	(3) 1/0	**APPT77**	**APPT-77SA**
3	(3) 250	**APPLR87**	**APPLR-87SA**	(3) 1/0	**APPT87**	**APPT-87SA**
3-1/2	(3) 350	**APPLR97**	**APPLR-97SA**	(3) 3/0	**APPT97**	**APPT-97SA**
4	(3) 350	**APPLR107**	**APPLR-107SA**	(3) 3/0	**APPT107**	**APPT-107SA**

		TB			X	
Hub Size (Inches)	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ③**	**Max. Wire Fill**	**Grayloy–Iron**	**Aluminum ③**
						
1/2	②	**APPTB17**	**APPTB-17SA**	②	**APPX17**	**APPX-17SA**
3/4	(3) # 6	**APPTB27**	**APPTB-27SA**	(3) # 6	**APPX27**	**APPX-27SA**
1	(3) # 4	**APPTB37**	**APPTB-37SA**	(3) # 4	**APPX37**	**APPX-37SA**
1-1/4	(3) # 3	**APPTB47**	**APPTB-47SA**	(3) # 3	**APPX47**	**APPX-47SA**
1-1/2	(3) # 2	**APPTB57**	**APPTB-57SA**	(3) # 2	**APPX57**	**APPX-57SA**
2	(3) # 2	**APPTB67**	**APPTB-67SA**	(3) # 2	**APPX67**	**APPX-67SA**

① Refer to following pages for Wiring Capacity Table.
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.
*③ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number..*

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Wedge-Lok™ Clip Covers, Gaskets *(Covers furnished with stainless steel screws)*

Body Size(Inches)	Wedge–Lok Cast Cover		Wedge–Lok Stamped Cover		Solid Neoprene Gasket
	Grayloy–Iron	Aluminum	Steel	Aluminum ①	
					
1/2	**APP170F**	**APP170F-SA**	**APP170**	**APP170-SA**	**APPGASK571**
3/4	**APP270F**	**APP270F-SA**	**APP270**	**APP270-SA**	**APPGASK572**
1	**APP370F**	**APP370F-SA**	**APP370**	**APP370-SA**	**APPGASK573**
1-1/4	**APP470F**	**APP470F-SA**	**APP470**	**APP470-SA**	**APPGASK574**
1-1/2	**APP570F**	**APP570F-SA**	**APP570**	**APP570-SA**	**APPGASK575**
2	**APP670F**	**APP670F-SA**	**APP670**	**APP670-SA**	**APPGASK576**
2-1/2	**APP870F**	**APP870F-SA**	**APP870**	**APP870-SA**	**APPGASK578**
3	**APP870F**	**APP870F-SA**	**APP870**	**APP870-SA**	**APPGASK578**
3-1/2	**APP970F**	**APP970F-SA**	**APP970**	**APP970-SA**	**APPGASK579**
4	**APP970F**	**APP970F-SA**	**APP970**	**APP970-SA**	**APPGASK579**

*① PVC coating available on select aluminum covers. Add suffix **-PVC** to catalog number.*

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

	Capacity — dm³ (in³)										
Hub Size (Inches)	**C**	**E**	**LB**	**LL LR**	**L**	**T**	**TA**	**TB**	**X**	**Stamped Cover**	**Cast Cover**
FM7™ Grayloy™-Iron Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.00 (0.30)	0.01 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.15 (9.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.22 (13.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.37 (22.50)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.51 (31.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
FM7™ Aluminum Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.10 (6.00)	—	0.10 (6.00)	0.10 (6.00)	0.005 (0.30)	0.007 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.16 (10.00)	—	0.16 (10.00)	0.16 (10.00)	0.008 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	—	0.25 (15.50)	—	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	—	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	—	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	—	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)

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FM7™ Conduit Outlet Bodies, Covers and Gaskets

FM7™ Covers with Integral Form-In-Place Gasket.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Applications

- Cover with integral gasket for FM7™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7™ only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).

Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum
- Gasket - Urethane

NEC/CEC Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02





Hub Size (Inches)	Stamped Steel	Stamped Aluminum	Cast Grayloy–Iron	Cast Aluminum
				
1/2	**APP170IG**	**APP170IGSA**	**APP170FIG**	**APP170FIGSA**
3/4	**APP270IG**	**APP270IGSA**	**APP270FIG**	**APP270FIGSA**
1	**APP370IG**	**APP370IGSA**	**APP370FIG**	**APP370FIGSA**
1-1/4	**APP470IG**	**APP470IGSA**	**APP470FIG**	**APP470FIGSA**
1-1/2	**APP570IG**	**APP570IGSA**	**APP570FIG**	**APP570FIGSA**
2	**APP670IG**	**APP670IGSA**	**APP670FIG**	**APP670FIGSA**
2-1/2 and 3	**APP870IG**	**APP870IGSA**	**APP870FIG**	**APP870FIGSA**
3-1/2 and 4	**APP970IG**	**APP970IGSA**	**APP970FIG**	**APP970FIGSA**

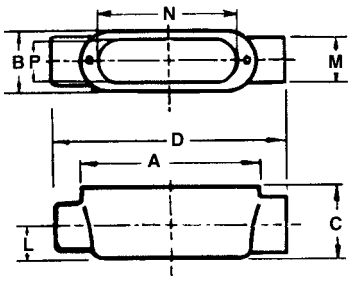
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FM7™ Conduit Outlet Bodies, Covers and Gaskets

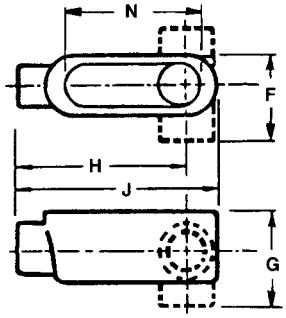
For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

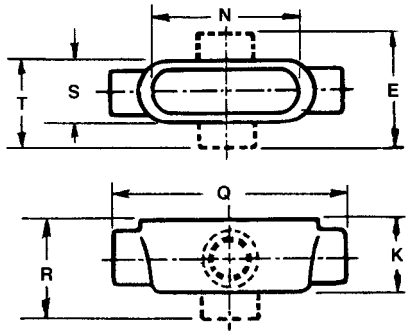
Dimensions in Millimeters (Inches)



Type C



Type E, L, LB, LL, LR



Type T, TA, TB, X

Hub Size (Inches)	Dimensions in Millimeters (Inches)																	
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
1/2	92.2 (3.63)	35.1 (1.38)	35.1 (1.38)	136.7 (5.38)	84.1 (3.31)	57.2 (2.25)	57.2 (2.25)	100.1 (3.94)	115.8 (4.56)	44.5 (1.75)	16.0 (0.63)	31.8 (1.25)	81.0 (3.19)	23.9 (0.94)	143.0 (5.63)	66.8 (2.63)	39.6 (1.56)	62.0 (2.44)
3/4	108.0 (4.25)	39.6 (1.56)	41.4 (1.63)	152.4 (6.00)	88.9 (3.50)	62.0 (2.44)	63.5 (2.50)	112.8 (4.44)	131.8 (5.19)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	96.8 (3.81)	28.7 (1.13)	158.8 (6.25)	73.2 (2.88)	47.8 (1.88)	66.8 (2.63)
1	127.0 (5.00)	44.5 (1.75)	47.8 (1.88)	177.8 (7.00)	98.6 (3.88)	69.9 (2.75)	73.2 (2.88)	131.8 (5.19)	152.4 (6.00)	57.2 (2.25)	22.4 (0.88)	44.5 (1.75)	114.3 (4.50)	35.1 (1.38)	184.2 (7.25)	82.6 (3.25)	50.8 (2.00)	76.2 (3.00)
1-1/4	139.7 (5.50)	55.6 (2.19)	58.7 (2.31)	189.0 (7.44)	104.9 (4.13)	81.0 (3.19)	84.1 (3.31)	138.2 (5.44)	165.1 (6.50)	58.7 (2.31)	28.7 (1.13)	55.6 (2.19)	127.0 (5.00)	44.5 (1.75)	189.0 (7.44)	84.1 (3.31)	55.6 (2.19)	81.0 (3.19)
1-1/2	152.4 (6.00)	62.0 (2.44)	65.0 (2.56)	208.0 (8.19)	117.6 (4.63)	88.9 (3.50)	93.7 (3.69)	150.9 (5.94)	181.1 (7.13)	65.0 (2.56)	31.8 (1.25)	62.0 (2.44)	138.2 (5.44)	49.3 (1.94)	208.0 (8.19)	92.2 (3.63)	62.0 (2.44)	90.4 (3.56)
2	177.8 (7.00)	76.2 (3.00)	79.5 (3.13)	233.4 (9.19)	131.8 (5.19)	103.1 (4.06)	108.0 (4.25)	168.4 (6.63)	206.5 (8.13)	79.5 (3.13)	38.1 (1.50)	76.2 (3.00)	162.1 (6.38)	62.0 (2.44)	233.4 (9.19)	106.4 (4.19)	76.2 (3.00)	104.9 (4.13)
2-1/2	228.6 (9.00)	108.0 (4.25)	92.2 (3.63)	304.8 (12.00)	—	146.1 (5.75)	130.3 (5.13)	222.3 (8.75)	266.7 (10.50)	92.2 (3.63)	44.5 (1.75)	88.9 (3.50)	212.9 (8.38)	90.4 (3.56)	304.8 (12.00)	—	108.0 (4.25)	146.1 (5.75)
3	228.6 (9.00)	108.0 (4.25)	111.3 (4.38)	304.8 (12.00)	—	146.1 (5.75)	149.4 (5.88)	212.9 (8.38)	266.7 (10.50)	111.3 (4.38)	54.1 (2.13)	108.0 (4.25)	212.9 (8.38)	90.4 (3.56)	306.3 (12.06)	—	108.0 (4.25)	146.1 (5.75)
3-1/2	279.4 (11.00)	133.4 (5.25)	124.0 (4.88)	—	—	176.3 (6.94)	166.6 (6.56)	260.4 (10.25)	322.3 (12.69)	124.0 (4.88)	60.5 (2.38)	120.7 (4.75)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)
4	279.4 (11.00)	133.4 (5.25)	136.7 (5.38)	—	—	176.3 (6.94)	179.3 (7.06)	254.0 (10.00)	322.3 (12.69)	136.7 (5.38)	66.8 (2.63)	133.4 (5.25)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)

Fraction/Decimal Equivalents (Inches)

Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/16	0.06	5/16	0.31	9/16	0.56	13/16	0.81
1/8	0.13	3/8	0.38	5/8	0.63	7/8	0.88
3/16	0.19	7/16	0.44	11/16	0.69	15/16	0.94
1/4	0.25	1/2	0.50	3/4	0.75	1	1.00

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Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are suitable for use in wet locations. Grayloy-iron bodies with cast covers and gasket are suitable for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds ✣ Form 7™ ✣ bodies, gaskets and covers. Equivalent FM7™ and Form 7™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub Size (inches), body style, compliance data, maximum wire number/size and cubic capacity molded into body.

Standard Materials

- Body: Grayloy-iron
- Covers: Grayloy-iron or steel
- Cover screws: stainless steel

Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate
- Stamped aluminum covers: natural finish

Optional Finish

- For additional corrosion protection, add suffix **-G** to the standard catalog number to specify hot dip galvanized.

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: A-A-50563
- NEMA Standard: FB-1, FB-2.10



Type LB

Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™–Iron, 1" Type C shown with cut–away body and cover to illustrate Wedge–Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



O–Z/Gedney™ Form 7™ (C57, 1–1/2")
28 Cubic Inches Capacity
Flat–Back Design



Crouse–Hinds Form 7™
(C57, 1–1/2")
26 Cubic Inches Capacity

✣ *Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.*

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Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Conduit Bodies ①

Trade Size (Inches)	C		LB		LL	
	Max. Wire Fill	Grayloy–Iron	Max. Wire Fill	Grayloy–Iron	Max. Wire Fill	Grayloy–Iron
						
1/2	③	**0ZGC17**	③	**0ZGLB17**	③	**0ZGLL17**
3/4	(3) # 6	**0ZGC27**	(3) # 6	**0ZGLB27**	(3) # 6	**0ZGLL27**
1	(3) # 4	**0ZGC37**	(3) # 4	**0ZGLB37**	(3) # 4	**0ZGLL37**
1-1/4	(3) # 3	**0ZGC47**	(3) # 3	**0ZGLB47**	(3) # 2	**0ZGLL47**
1-1/2	(3) # 3	**0ZGC57**	(3) # 3	**0ZGLB57**	(3) # 2	**0ZGLL57**
2	(3) # 1/0	**0ZGC67**	(3) # 1/0	**0ZGLB67**	(3) # 3/0	**0ZGLL67**
2-1/2	(3) 2/0	**0ZGC77**	(3) 3/0	**0ZGLB77**	(3) 250	**0ZGLL77**
3	(3) 2/0	**0ZGC87**	(3) 2/0	**0ZGLB87**	(3) 250	**0ZGLL87**
3-1/2	—	—	(3) 300	**0ZGLB97**	(3) 350	**0ZGLL97**
4	—	—	(3) 350	**0ZGLB107**	(3) 350	**0ZGLL107**

Trade Size (Inches)	E		L ②		TA	
	Max. Wire Fill	Grayloy–Iron	Max. Wire Fill	Grayloy–Iron	Max. Wire Fill	Grayloy–Iron
						
1/2	③	**0ZGE17**	③	**0ZGL17**	③	**0ZGTA17**
3/4	(3) # 6	**0ZGE27**	(3) # 6	**0ZGL27**	(3) # 6	**0ZGTA27**
1	(3) # 4	**0ZGE37**	(3) # 4	**0ZGL37**	(3) # 4	**0ZGTA37**
1-1/4	—	—	(3) # 2	**0ZGL47**	(3) # 2	**0ZGTA47**
1-1/2	—	—	(3) # 2	**0ZGL57**	(3) # 2	**0ZGTA57**
2	—	—	(3) # 2	**0ZGL67**	(3) # 2	**0ZGTA67**

① *Refer to following pages for Wiring Capacity Table.*
② *L Unilets have double opening and are furnished with one steel cover, assembled.*
③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Conduit Bodies ①

Trade Size (Inches)	LR Max. Wire Fill	LR Grayloy–Iron	T Max. Wire Fill	T Grayloy–Iron
				
1/2	②	**0ZGLR17**	②	**0ZGT17**
3/4	(3) # 6	**0ZGLR27**	(3) # 6	**0ZGT27**
1	(3) # 4	**0ZGLR37**	(3) # 4	**0ZGT37**
1-1/4	(3) # 2	**0ZGLR47**	(3) # 3	**0ZGT47**
1-1/2	(3) # 2	**0ZGLR57**	(3) # 3	**0ZGT57**
2	(3) # 2	**0ZGLR67**	(3) # 2	**0ZGT67**
2-1/2	—	**0ZGLR77**	(3) 1/0	**0ZGT77**
3	(3) 250	**0ZGLR87**	(3) 1/0	**0ZGT87**
3-1/2	(3) 350	**0ZGLR97**	(3) 3/0	**0ZGT97**
4	(3) 350	**0ZGLR107**	(3) 3/0	**0ZGT107**

Trade Size (Inches)	TB Max. Wire Fill	TB Grayloy–Iron	X Max. Wire Fill	X Grayloy–Iron
				
1/2	②	**0ZGTB17**	②	**0ZGX17**
3/4	(3) # 6	**0ZGTB27**	(3) # 6	**0ZGX27**
1	(3) # 4	**0ZGTB37**	(3) # 4	**0ZGX37**
1-1/4	(3) # 3	**0ZGTB47**	(3) # 3	**0ZGX47**
1-1/2	(3) # 2	**0ZGTB57**	(3) # 2	**0ZGX57**
2	(3) # 2	**0ZGTB67**	(3) # 2	**0ZGX67**

① *Refer to following pages for Wiring Capacity Table.*
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Wedge-Lok™ Clip Covers and Gaskets *(Covers furnished with stainless steel screws)*

Body Size (Inches)	Wedge–Lok Cast Cover Grayloy–Iron	Wedge–Lok Stamped Cover Steel	Solid Neoprene Gasket
			
1/2	**0ZG170F**	**0ZG170**	**0ZGGASK571**
3/4	**0ZG270F**	**0ZG270**	**0ZGGASK572**
1	**0ZG370F**	**0ZG370**	**0ZGGASK573**
1-1/4	**0ZG470F**	**0ZG470**	**0ZGGASK574**
1-1/2	**0ZG570F**	**0ZG570**	**0ZGGASK575**
2	**0ZG670F**	**0ZG670**	**0ZGGASK576**
2-1/2	**0ZG870F**	**0ZG870**	**0ZGGASK578**
3	**0ZG870F**	**0ZG870**	**0ZGGASK578**
3-1/2	**0ZG970F**	**0ZG970**	**0ZGGASK579**
4	**0ZG970F**	**0ZG970**	**0ZGGASK579**

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Form 7™ Iron Conduit Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Trade Size (Inches)	Capacity — dm^3 (in^3)										
	C	E	LB	LL LR	L	T	TA	TB	X	Stamped Cover	Cast Cover
FM7™ Grayloy™-Iron Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.00 (0.30)	0.01 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.15 (9.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.22 (13.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.37 (22.50)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.51 (31.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
Form7™ Aluminum Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.10 (6.00)	—	0.10 (6.00)	0.10 (6.00)	0.005 (0.30)	0.007 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.16 (10.00)	—	0.16 (10.00)	0.16 (10.00)	0.008 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	—	0.25 (15.50)	—	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	—	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	—	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	—	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)

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Form 7™ Iron Conduit Bodies, Covers and Gaskets

Form 7™ Covers with Integral Form-In-Place Gasket.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Applications

- Cover with integral gasket for FM7™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7™ and Form 7™ only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).

Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum
- Gasket - Urethane

NEC/CEC Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02





Trade Size (Inches)	Stamped Steel	Stamped Aluminum	Cast Grayloy–Iron	Cast Aluminum
				
1/2	**0ZG170IG**	**0ZG170IGSA**	**0ZG170FIG**	**0ZG170FIGSA**
3/4	**0ZG270IG**	**0ZG270IGSA**	**0ZG270FIG**	**0ZG270FIGSA**
1	**0ZG370IG**	**0ZG370IGSA**	**0ZG370FIG**	**0ZG370FIGSA**
1-1/4	**0ZG470IG**	**0ZG470IGSA**	**0ZG470FIG**	**0ZG470FIGSA**
1-1/2	**0ZG570IG**	**0ZG570IGSA**	**0ZG570FIG**	**0ZG570FIGSA**
2	**0ZG670IG**	**0ZG670IGSA**	**0ZG670FIG**	**0ZG670FIGSA**
2-1/2 and 3	**0ZG870IG**	**0ZG870IGSA**	**0ZG870FIG**	**0ZG870FIGSA**
3-1/2 and 4	**0ZG970IG**	**0ZG970IGSA**	**0ZG970FIG**	**0ZG970FIGSA**

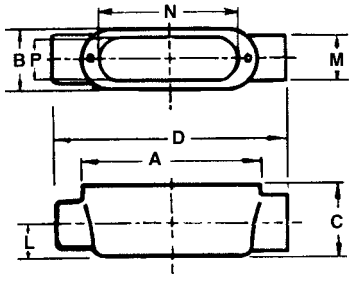
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Form 7™ Iron Conduit Bodies, Covers and Gaskets

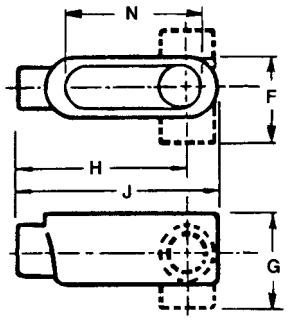
For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

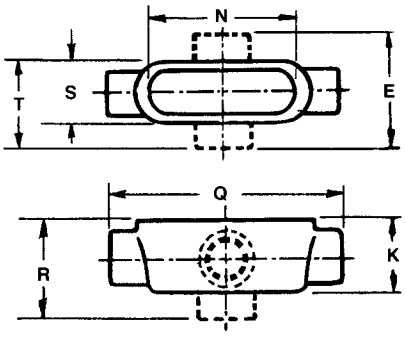
Dimensions in Millimeters (Inches)



Type C



Type E, L, LB, LL, LR



Type T, TA, TB, X

Trade Size (Inches)	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
1/2	92.2 (3.63)	35.1 (1.38)	35.1 (1.38)	136.7 (5.38)	84.1 (3.31)	57.2 (2.25)	57.2 (2.25)	100.1 (3.94)	115.8 (4.56)	44.5 (1.75)	16.0 (0.63)	31.8 (1.25)	81.0 (3.19)	23.9 (0.94)	143.0 (5.63)	66.8 (2.63)	39.6 (1.56)	62.0 (2.44)
3/4	108.0 (4.25)	39.6 (1.56)	41.4 (1.63)	152.4 (6.00)	88.9 (3.50)	62.0 (2.44)	63.5 (2.50)	112.8 (4.44)	131.8 (5.19)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	96.8 (3.81)	28.7 (1.13)	158.8 (6.25)	73.2 (2.88)	47.8 (1.88)	66.8 (2.63)
1	127.0 (5.00)	44.5 (1.75)	47.8 (1.88)	177.8 (7.00)	98.6 (3.88)	69.9 (2.75)	73.2 (2.88)	131.8 (5.19)	152.4 (6.00)	57.2 (2.25)	22.4 (0.88)	44.5 (1.75)	114.3 (4.50)	35.1 (1.38)	184.2 (7.25)	82.6 (3.25)	50.8 (2.00)	76.2 (3.00)
1-1/4	139.7 (5.50)	55.6 (2.19)	58.7 (2.31)	189.0 (7.44)	104.9 (4.13)	81.0 (3.19)	84.1 (3.31)	138.2 (5.44)	165.1 (6.50)	58.7 (2.31)	28.7 (1.13)	55.6 (2.19)	127.0 (5.00)	44.5 (1.75)	189.0 (7.44)	84.1 (3.31)	55.6 (2.19)	81.0 (3.19)
1-1/2	152.4 (6.00)	62.0 (2.44)	65.0 (2.56)	208.0 (8.19)	117.6 (4.63)	88.9 (3.50)	93.7 (3.69)	150.9 (5.94)	181.1 (7.13)	65.0 (2.56)	31.8 (1.25)	62.0 (2.44)	138.2 (5.44)	49.3 (1.94)	208.0 (8.19)	92.2 (3.63)	62.0 (2.44)	90.4 (3.56)
2	177.8 (7.00)	76.2 (3.00)	79.5 (3.13)	233.4 (9.19)	131.8 (5.19)	103.1 (4.06)	108.0 (4.25)	168.4 (6.63)	206.5 (8.13)	79.5 (3.13)	38.1 (1.50)	76.2 (3.00)	162.1 (6.38)	62.0 (2.44)	233.4 (9.19)	106.4 (4.19)	76.2 (3.00)	104.9 (4.13)
2-1/2	228.6 (9.00)	108.0 (4.25)	92.2 (3.63)	304.8 (12.00)	—	146.1 (5.75)	130.3 (5.13)	222.3 (8.75)	266.7 (10.50)	92.2 (3.63)	44.5 (1.75)	88.9 (3.50)	212.9 (8.38)	90.4 (3.56)	304.8 (12.00)	—	108.0 (4.25)	146.1 (5.75)
3	228.6 (9.00)	108.0 (4.25)	111.3 (4.38)	304.8 (12.00)	—	146.1 (5.75)	149.4 (5.88)	212.9 (8.38)	266.7 (10.50)	111.3 (4.38)	54.1 (2.13)	108.0 (4.25)	212.9 (8.38)	90.4 (3.56)	306.3 (12.06)	—	108.0 (4.25)	146.1 (5.75)
3-1/2	279.4 (11.00)	133.4 (5.25)	124.0 (4.88)	—	—	176.3 (6.94)	166.6 (6.56)	260.4 (10.25)	322.3 (12.69)	124.0 (4.88)	60.5 (2.38)	120.7 (4.75)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)
4	279.4 (11.00)	133.4 (5.25)	136.7 (5.38)	—	—	176.3 (6.94)	179.3 (7.06)	254.0 (10.00)	322.3 (12.69)	136.7 (5.38)	66.8 (2.63)	133.4 (5.25)	260.4 (10.25)	114.3 (4.50)	363.5 (14.31)	—	133.4 (5.25)	176.3 (6.94)

Fraction/Decimal Equivalents (Inches)

Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal
1/16	0.06	5/16	0.31	9/16	0.56	13/16	0.81
1/8	0.13	3/8	0.38	5/8	0.63	7/8	0.88
3/16	0.19	7/16	0.44	11/16	0.69	15/16	0.94
1/4	0.25	1/2	0.50	3/4	0.75	1	1.00

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FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds ✢ Form 8™ ✢ bodies, gaskets and covers. Equivalent FM8™ and Form 8* units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Covers with gaskets are suitable for use in wet locations.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.

Standard Materials

- Bodies: grayloy-iron
- Covers: cast grayloy-iron or stamped steel
- Cover screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

Options

- No paint and coatings available on select bodies and covers. Add suffix **-NP** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes.*



Type LB



Grayloy™–Iron Conduit Body with cast cover. 1” Type C shown

✢ *Crouse-Hinds and Form 8 are registered trademarks of Cooper Crouse-Hinds.*

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FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM8™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	LB
				
1/2	②	**C18**	②	**LB18**
3/4	(3) # 6	**C28**	(3) # 6	**LB28**
1	(3) # 4	**C38**	(3) # 4	**LB38**
1-1/4	(3) # 2	**C448**	(3) # 2	**LB448**
1-1/2	(3) # 1/0	**C58**	(3) # 1/0	**LB58**
2	(3) # 4/0	**C68**	(3) # 4/0	**LB68**
2-1/2	(3) 300	**C78**	(3) 300	**LB78**
3	(3) 350	**C88**	(3) 350	**LB888**
3-1/2	—	—	—	**LB98**
4	—	—	—	**LB108**

Hub Size (Inches)	Max. Wire Fill	T	Max. Wire Fill	TB
				
1/2	②	**T18**	②	**TB18**
3/4	(3) # 6	**T28**	(3) # 6	**TB28**
1	(3) # 4	**T38**	(3) # 4	**TB38**
1-1/4	(3) # 2	**T448**	(3) # 2	**TB448**
1-1/2	(3) # 1/0; side (3) # 1	**T58**	(3) # 1/0; back (3) # 1	**TB58**
2	(3) # 4/0; side (3) # 3/0	**T68**	(3) # 4/0; back (3) # 3/0	**TB68**
2-1/2	(3) 250	**T78**	—	—
3	(3) 250	**T88**	—	—

*① PVC coating available on all FM8™ bodies. Add suffix **-PVC** to catalog number.*
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM8™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	②	**LL18**	②	**LR18**
3/4	(3) # 6	**LL28**	(3) # 6	**LR28**
1	(3) # 4	**LL38**	(3) # 4	**LR38**
1-1/4	(3) # 2	**LL448**	(3) # 2	**LR448**
1-1/2	(3) # 1/0	**LL58**	(3) # 1/0	**LR58**
2	(3) # 4/0	**LL68**	(3) # 4/0	**LR68**
2-1/2	(3) 300	**LL78**	(3) 300	**LR78**
3	(3) 350	**LL888**	(3) 350	**LR888**
3-1/2	—	—	—	—
4	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	X
		
1/2	②	**X18**
3/4	(3) # 6	**X28**
1	(3) # 4	**X38**
1-1/4	(3) # 2	**X448**
1-1/2	(3) # 1/0; side (3) # 1	**X58**
2	(3) # 4/0; side (3) # 3/0	**X68**
2-1/2	—	—
3	—	—

*① PVC coating available on all FM8™ bodies. Add suffix **-PVC** to catalog number.*
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM8™ Blank Covers and Gaskets ①

Body Size (Inches)	Stamped Cover Steel	Cast Cover Grayloy–Iron ②	Solid Gasket Neoprene	Open Gasket Neoprene
				
1/2	**180**	**180F**	**GASK851N**	—
3/4	**280**	**280F**	**GASK852N**	—
1	**380**	**380F**	**GASK853N**	—
1-1/4	**480**	**480F**	**GASK854N**	—
1-1/2	**580**	**580F**	—	**GASK805N**
2	**680**	**680F**	—	**GASK806N**
2-1/2	**880**	**880F**	—	**GASK808N**
3	**880**	**880F**	—	**GASK808N**
3-1/2	**980**	**980F**	—	**GASK809N**
4	**980**	**980F**	—	**GASK809N**

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm^3 (in^3)							
	C	LB	LL, LR	T	TB	X	Stamped Cover	Cast Cover
1/2	0.08 (5.00)	0.08 (5.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.01 (0.50)	0.00 (0.30)
3/4	0.13 (8.00)	0.13 (8.00)	0.13 (8.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.80)	0.01 (0.80)
1	0.21 (13.00)	0.21 (13.00)	0.21 (13.00)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.00)	0.02 (1.00)
1-1/4	0.39 (24.00)	0.39 (24.00)	0.39 (24.00)	0.41 (25.00)	0.41 (25.00)	0.41 (25.00)	0.02 (1.50)	0.02 (1.50)
1-1/2	0.70 (42.50)	0.70 (42.50)	0.70 (42.50)	0.72 (44.00)	0.72 (44.00)	0.72 (44.00)	0.03 (1.80)	0.12 (7.50)
2	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	0.07 (4.50)	0.20 (12.50)
2-1/2	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	—	—	0.20 (12.30)	0.57 (34.50)
3	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	—	—	0.20 (12.30)	0.57 (34.50)
3-1/2	—	6.23 (380.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)
4	—	6.55 (400.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)

① Covers furnished with stainless steel screws, 1-1/2" – 4" covers provided with 4 screws.
*② PVC coating available on select FM8™ covers. Add suffix **-PVC** to catalog number.*

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FM8™ Conduit Outlet Bodies, Covers and Gaskets

FM8™ Covers with Integral Form-In-Place Gasket.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Applications

- Cover with integral gasket for FM8™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.



Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).

Standard Materials

- Stamped steel
- Cast grayloy-iron
- Gasket - Urethane

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Hub Size (Inches)	Stamped Steel	Cast Grayloy–Iron
		
1/2	**180IG**	**180FIG**
3/4	**280IG**	**280FIG**
1	**380IG**	**380FIG**
1-1/4	**480IG**	**480FIG**
1-1/2	**580IG**	**580FIG**
2	**680IG**	**680FIG**
2-1/2 and 3	**880IG**	**880FIG**
3-1/2 and 4	**980IG**	**980FIG**

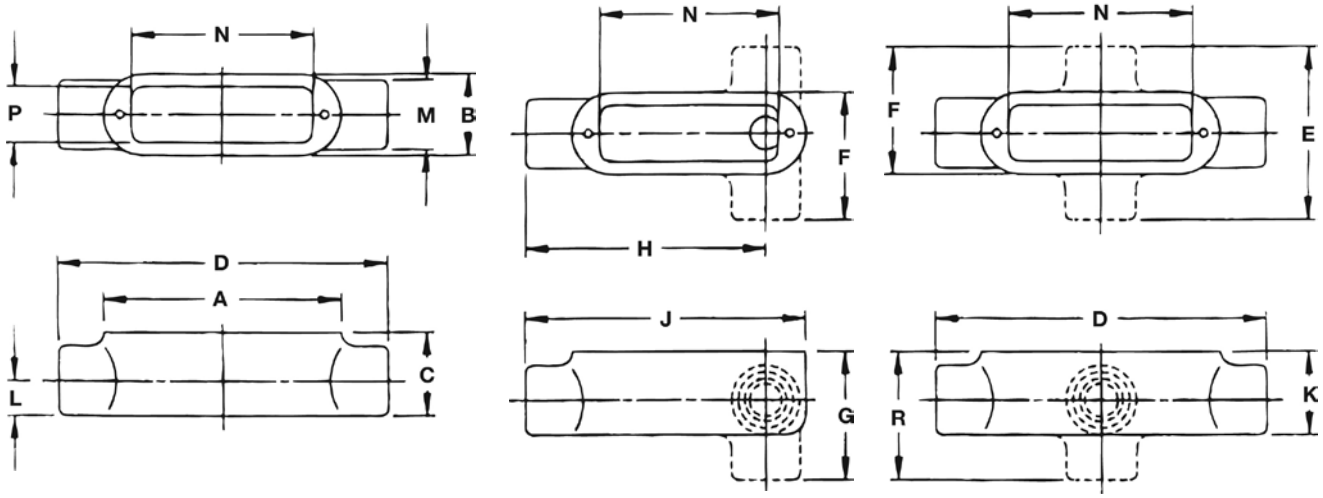
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FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Dimensions in Millimeters (Inches)



Type C | **Types E, L, LB, L, LR** | **Types T, TA, TB, X**

Hub Size	Dimensions in Millimeters (Inches)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
1/2	107.2 (4.22)	37.3 (1.47)	37.3 (1.47)	150.9 (5.94)	79.5 (3.13)	58.7 (2.31)	57.9 (2.28)	111.3 (4.38)	129.3 (5.09)	45.2 (1.78)	16.0 (0.63)	31.8 (1.25)	83.3 (3.28)	25.4 (1.00)	65.8 (2.59)
3/4	122.2 (4.81)	42.2 (1.66)	42.9 (1.69)	166.6 (6.56)	84.1 (3.31)	63.5 (2.50)	63.5 (2.50)	124.7 (4.91)	146.1 (5.75)	50.8 (2.00)	19.1 (0.75)	38.1 (1.50)	100.1 (3.94)	30.2 (1.19)	71.4 (2.81)
1	142.0 (5.59)	46.7 (1.84)	50.0 (1.97)	192.0 (7.56)	94.5 (3.72)	70.6 (2.78)	73.9 (2.91)	145.3 (5.72)	168.4 (6.63)	57.9 (2.28)	22.4 (0.88)	44.5 (1.75)	115.1 (4.53)	35.1 (1.38)	81.8 (3.22)
1-1/4	166.6 (6.56)	55.6 (2.19)	60.5 (2.38)	214.4 (8.44)	103.1 (4.06)	79.5 (3.13)	84.1 (3.31)	162.8 (6.41)	190.5 (7.50)	66.8 (2.63)	27.7 (1.09)	55.6 (2.19)	134.9 (5.31)	44.5 (1.75)	90.4 (3.56)
1-1/2	200.2 (7.88)	70.6 (2.78)	70.6 (2.78)	263.7 (10.38)	134.1 (5.28)	102.4 (4.03)	102.4 (4.03)	196.9 (7.75)	231.9 (9.13)	70.6 (2.78)	35.1 (1.38)	62.0 (2.44)	165.1 (6.50)	53.1 (2.09)	102.4 (4.03)
2	247.7 (9.75)	98.6 (3.88)	90.4 (3.56)	314.5 (12.38)	162.1 (6.38)	130.3 (5.13)	122.2 (4.81)	233.4 (9.19)	11.13 (282.7)	90.4 (3.56)	47.8 (1.88)	76.2 (3.00)	219.2 (8.63)	76.2 (3.00)	122.2 (4.81)
2-1/2	311.2 (12.25)	127.0 (5.00)	112.8 (4.44)	397.0 (15.63)	—	169.9 (6.69)	155.7 (6.13)	290.6 (11.44)	354.1 (13.94)	112.8 (4.44)	63.5 (2.50)	88.9 (3.50)	276.4 (10.88)	108.0 (4.25)	—
3	311.2 (12.25)	127.0 (5.00)	122.2 (4.81)	397.0 (15.63)	—	169.9 (6.69)	165.1 (6.50)	290.6 (11.44)	354.1 (13.94)	122.2 (4.81)	63.5 (2.50)	108.0 (4.25)	276.4 (10.88)	108.0 (4.25)	—
3-1/2	381.0 (15.00)	158.8 (6.25)	144.5 (5.69)	—	—	—	192.0 (7.56)	349.3 (13.75)	428.8 (16.88)	—	79.5 (3.13)	120.7 (4.75)	341.4 (13.44)	138.2 (5.44)	—
4	381.0 (15.00)	158.8 (6.25)	150.9 (5.94)	—	—	—	198.4 (7.81)	349.3 (13.75)	428.8 (16.88)	—	79.5 (3.13)	133.4 (5.25)	341.4 (13.44)	138.2 (5.44)	—

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Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum, IMC, and EMT Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Bodies: copperfree (max. 4/10 of 1%) aluminum
  — 1/2" thru 2": pressure cast
  — 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or copperfree (max. 4/10 of 1%) aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

Options

- PVC coating available on all threaded bodies and select covers. Add suffix **-PVC** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog.*



Conduit Body with Stamped Aluminum Cover. 2" Type C shown.



Typical Form 85 Conduit Bodies with Setscrews. For use with Electrical Metallic Tubing (EMT).

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EMERSON

Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Appleton™ Form 85™ Conduit Bodies: Threaded/SetScrew Type ①

		C			E	
Hub Size (Inches)	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**
						
1/2	②	**C-50A**	**C-50TA**	②	**E-50A**	**E-50TA**
3/4	(3) # 6	**C-75A**	**C-75TA**	(3) # 6	**E-75A**	—
1	(3) # 4	**C-100A**	**C-100TA**	(3) #6	**E-100A**	—
1-1/4	(3) # 2	**C-125A**	**C-125TA**	—	—	—
1-1/2	(3) # 1/0	**C-150A**	**C-150TA**	—	—	—
2	(3) # 3/0	**C-200A**	—	—	—	—
2-1/2	(3) 300	**C-250A**	—	—	—	—
3	(3) 300	**C-300A**	—	—	—	—
3-1/2	(3) 350	**C-350A**	—	—	—	—
4	(3) 350	**C-400A**	—	—	—	—

		LR			T	
Hub Size (Inches)	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**
						
1/2	②	**LR-50A**	**LR-50TA**	②	**T-50A**	**T-50TA**
3/4	(3) # 6	**LR-75A**	**LR-75TA**	(3) # 6	**T-75A**	**T-75TA**
1	(3) # 4	**LR-100A**	**LR-100TA**	(3) # 4	**T-100A**	**T-100TA**
1-1/4	(3) # 2	**LR-125A**	**LR-125TA**	(3) # 2	**T-125A**	—
1-1/2	(3) # 1	**LR-150A**	**LR-150TA**	(3) # 1	**T-150A**	—
2	(3) # 2/0	**LR-200A**	**LR-200TA**	(3) # 2/0	**T-200A**	—
2-1/2	(3) 300	**LR-250A**	—	(3) 300	**T-250A**	—
3	(3) 350	**LR-300A**	—	(3) 300	**T-300A**	—
3-1/2	(3) 350	**LR-350A**	—	(3) 350	**T-350A**	—
4	(3) 350	**LR-400A**	—	(3) 350	**T-400A**	—

① Refer to following page for Wiring Capacity Table.
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

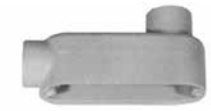
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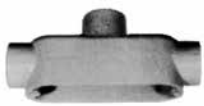
Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Appleton™ Form 85™ Conduit Bodies: Threaded/SetScrew Type ①

		LB			LL	
Hub Size (Inches)	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**
						
1/2	②	**LB-50A**	**LB-50TA**	②	**LL-50A**	**LL-50TA**
3/4	(3) # 6	**LB-75A**	**LB-75TA**	(3) # 6	**LL-75A**	**LL-75TA**
1	(3) # 4	**LB-100A**	**LB-100TA**	(3) # 4	**LL-100A**	**LL-100TA**
1-1/4	(3) # 2	**LB-125A**	**LB-125TA**	(3) # 2	**LL-125A**	**LL-125TA**
1-1/2	(3) # 1/0	**LB-150A**	**LB-150TA**	(3) # 1	**LL-150A**	**LL-150TA**
2	(3) # 4/0	**LB-200A**	**LB-200TA**	(3) # 2/0	**LL-200A**	**LL-200TA**
2-1/2	(3) 300	**LB-250A**	—	(3) 300	**LL-250A**	—
3	(3) 400	**LB-300A**	—	(3) 350	**LL-300A**	—
3-1/2	(3) 500	**LB-350A**	—	(3) 350	**LL-350A**	—
4	(3) 500	**LB-400A**	—	(3) 350	**LL-400A**	—

		TB	
Hub Size (Inches)	**Max. Wire Fill**	**Threaded Type**	**Setscrew Type**
			
1/2	②	**TB-50A**	—
3/4	(3) # 6	**TB-75A**	—
1	(3) # 6	**TB-100A**	—
1-1/4	(3) # 6	**TB-125A**	—
1-1/2	(3) # 4	**TB-150A**	—
2	(3) # 1/0	**TB-200A**	—
2-1/2	—	—	—
3	—	—	—
3-1/2	—	—	—
4	—	—	—

Back Style for Form 85 Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back
C, LB, LL, LR, T	1/2 – 2	2-1/2 – 4
TB	1-1/4, 1-1/2	1/2, 3/4, 1, 2
E	1/2 – 1	–

① Refer to following page for Wiring Capacity Table.
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Covers and Gaskets

Body Size (Inches)	Blank Stamped Aluminum ①	Blank Cast Aluminum	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"  Flat: 3–1/2" – 6"	 Flat: 1/2" – 2"  Domed: 2–1/2" – 4"	 Tear out inner section to convert to "open type" gasket.	
1/2	**K50-A**	**K50-CA**	**GK50-N**	**GK50-V**
3/4	**K75-A**	**K75-CA**	**GK75-N**	**GK75-V**
1	**K100-A**	**K100-CA**	**GK100-N**	**GK100-V**
1-1/4	**K125-150-A**	**K125-150-CA**	**GK125-150-N**	**GK125-150-V**
1-1/2	**K125-150-A**	**K125-150-CA**	**GK125-150-N**	**GK125-150-V**
2	**K200-A**	**K200-CA**	**GK200-N**	**GK200-V**
2-1/2	**K250-300-A**	**K250-300-CA**	**GK250-300-N**	**GK-250-300-V**
3	**K250-300-A**	**K250-300-CA**	**GK250-300-N**	**GK-250-300-V**
3-1/2	**K350-400-A**	**K350-400-CA**	**GK350-400-N**	**GK-350-400-V**
4	**K350-400-A**	**K350-400-CA**	**GK350-400-N**	**GK-350-400-V**

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm^3 (in^3)										
	C	E	LB	LL LR	LRL	T	TA	TB	X	Stamped Cover	Cast Cover
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.07 (4.00)	—	0.10 (6.00)	0.07 (4.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.11 (7.00)	—	0.11 (7.00)	0.11 (7.00)	0.01 (0.80	0.00 (0.30)
1	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	—	0.19 (11.80)	—	0.21 (13.00)	0.19 (11.80)	1.00 (25.4)	0.01 (0.50)
1-1/4	0.57 (34.80)	—	0.57 (34.80)	0.57 (34.80)	—	0.57 (34.80)	—	0.57 (35.00)	—	0.04 (2.50)	0.01 (0.80)
1-1/2	0.57 (35.00)	—	0.57 (35.00)	0.57 (35.00)	—	0.57 (35.00)	—	0.57 (34.50)	—	0.04 (2.50)	0.01 (0.80)
2	1.15 (70.00)	—	1.15 (70.00)	1.15 (70.00)	—	1.15 (70.00)	—	1.16 (71.00)	—	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	3568.7 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)

① *Add suffix* ***-PVC*** *to catalog number.*

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Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

Standard Materials

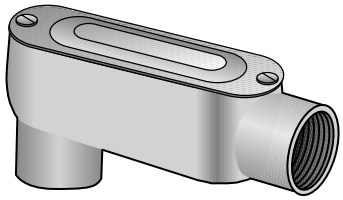
- Conduit Body: copperfree (max. 4/10 of 1%) aluminum
- Cover: **Type BS** copperfree (max. 4/10 of 1%) aluminum
- Gasket: **Type SGN** Neoprene

Standard Finishes

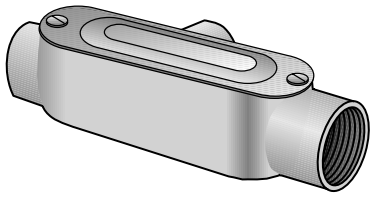
- Conduit Body - epoxy powder coat enamel

NEC/CEC Certifications and Compliances

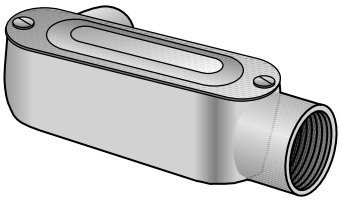
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: LR-9795
- NEMA Standard: FB-1, FB-2.10



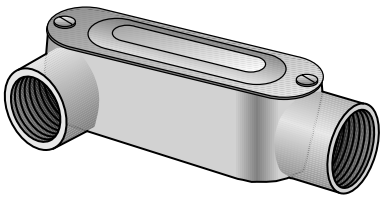
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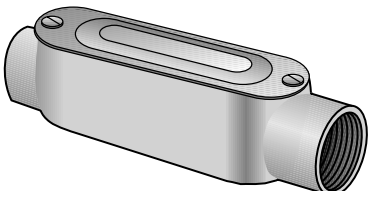
Type T–ACGA



Type LL–ACGA



Type LR–ACGA



Type C–ACGA

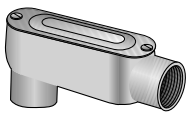
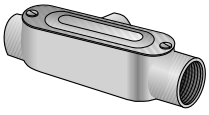
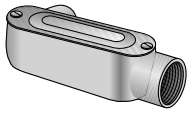
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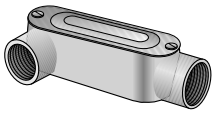
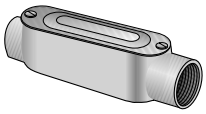
Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Appleton™ Form 85™: Complete with Cover

Hub Size (Inches)	Max. Wire Fill	LB–ACGA	Max. Wire Fill	T–ACGA	Max. Wire Fill	LL–ACGA
						
1/2	①	**LB-50ACGA**	①	**T-50ACGA**	①	**LL-50ACGA**
3/4	(3) # 6	**LB-75ACGA**	(3) # 6	**T-75ACGA**	(3) # 6	**LL-75ACGA**
1	(3) # 4	**LB-100ACGA**	(3) # 4	**T-100ACGA**	(3) # 4	**LL-100ACGA**
1-1/4	(3) # 2	**LB-125ACGA**	(3) # 2	**T-125ACGA**	(3) # 2	**LL-125ACGA**
1-1/2	(3) # 1/0	**LB-150ACGA**	(3) # 1	**T-150ACGA**	(3) # 1	**LL-150ACGA**
2	(3) # 4/0	**LB-200ACGA**	(3) # 2/0	**T-200ACGA**	(3) # 2/0	**LL-200ACGA**

Hub Size (Inches)	Max. Wire Fill	LR–ACGA	Max. Wire Fill	C–ACGA
				
1/2	①	**LR-50ACGA**	①	**C-50ACGA**
3/4	(3) # 6	**LR-75ACGA**	(3) # 6	**C-75ACGA**
1	(3) # 4	**LR-100ACGA**	(3) # 4	**C-100ACGA**
1-1/4	(3) # 2	**LR-125ACGA**	(3) # 2	**C-125ACGA**
1-1/2	(3) # 1	**LR-150ACGA**	(3) # 1/0	**C-150ACGA**
2	(3) # 2/0	**LR-200ACGA**	(3) # 3/0	**C-200ACGA**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

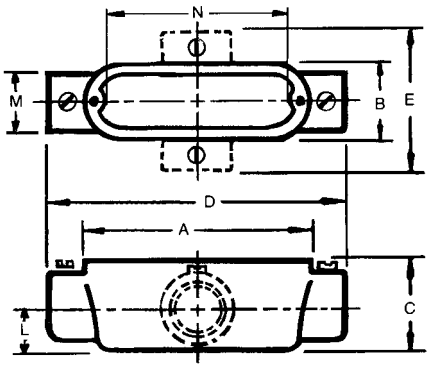
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Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

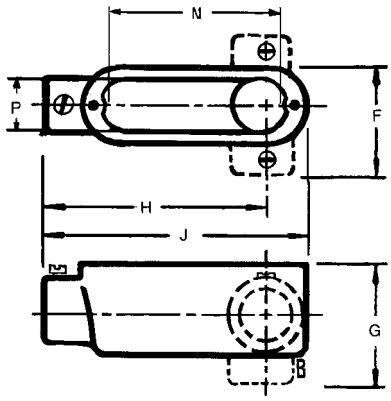
Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Types C, T, X



Types E, LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
Pressure Cast													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
Sand Cast													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Tapered threaded hubs (NPT).
- Internal volume and maximum wire clearly marked on castings.

Standard Materials

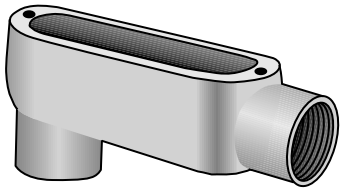
- Bodies: copperfree (max. 4/10 of 1%) aluminum
  — 1/2" thru 2": pressure cast
  — 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or copperfree (max. 4/10 of 1%) aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

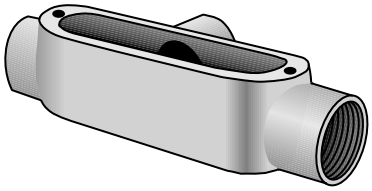
- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

NEC/CEC Certifications and Compliances

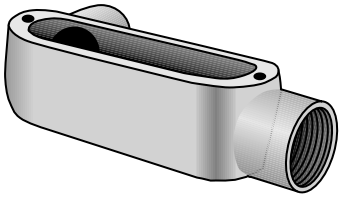
- UL Standards: 514A
- UL Listed: E-18095w
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA Standard: FB-1, FB-2.10



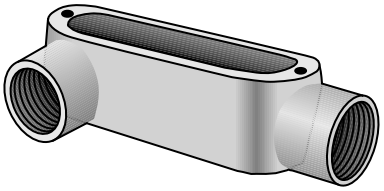
Type LB–A



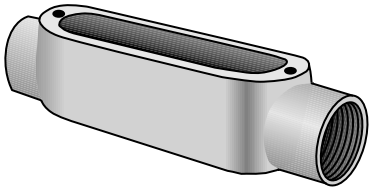
Type T–A



Type LL–A



Type LR–A



Type C–A

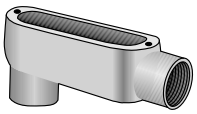
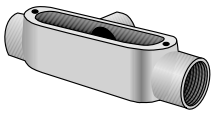
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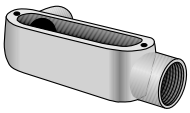
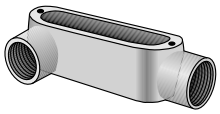
Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LB–A	Max. Wire Fill	T–A
				
Diecast				
1/2	①	**LB-50A**	①	**T-50A**
3/4	(3) # 6	**LB-75A**	(3) # 6	**T-75A**
1	(3) # 4	**LB-100A**	(3) # 4	**T-100A**
1-1/4	(3) # 2	**LB-125A**	(3) # 2	**T-125A**
1-1/2	(3) # 1/0	**LB-150A**	(3) # 1	**T-150A**
2	(3) # 4/0	**LB-200A**	(3) # 2/0	**T-200A**
Sandcast				
2-1/2	(3) 300	**LB-250A**	(3) 300	**T-250A**
3	(3) 400	**LB-300A**	(3) 300	**T-300A**
3-1/2	(3) 500	**LB-350A**	(3) 350	**T-350A**
4	(3) 500	**LB-400A**	(3) 350	**T-400A**

Hub Size (Inches)	Max. Wire Fill	LL–A	Max. Wire Fill	LR–A
				
Diecast				
1/2	①	**LL-50A**	①	**LR-50A**
3/4	(3) # 6	**LL-75A**	(3) # 6	**LR-75A**
1	(3) # 4	**LL-100A**	(3) # 4	**LR-100A**
1-1/4	(3) # 2	**LL-125A**	(3) # 2	**LR-125A**
1-1/2	(3) # 1	**LL-150A**	(3) # 1	**LR-150A**
2	(3) # 2/0	**LL-200A**	(3) # 2/0	**LR-200A**
Sandcast				
2-1/2	(3) 300	**LL-250A**	(3) 300	**LR-250A**
3	(3) 350	**LL-300A**	(3) 350	**LR-300A**
3-1/2	(3) 350	**LL-350A**	(3) 350	**LR-350A**
4	(3) 350	**LL-400A**	(3) 350	**LR-400A**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

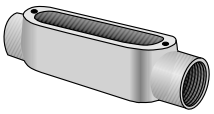
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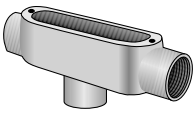
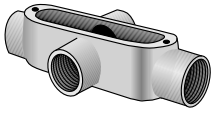
Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	Diecast C–A	Sandcast C–A
			
1/2	①	**C-50A**	—
3/4	(3) # 6	**C-75A**	—
1	(3) # 4	**C-100A**	—
1-1/4	(3) # 2	**C-125A**	—
1-1/2	(3) # 1/0	**C-150A**	—
2	(3) # 3/0	**C-200A**	—
2-1/2	(3) 300	—	**C-250A**
3	(3) 300	—	**C-300A**
3-1/2	(3) 350	—	**C-350A**
4	(3) 350	—	**C-400A**

Hub Size (Inches)	Sandcast Max. Wire Fill	TB–A	Max. Wire Fill	X–A
				
1/2	①	**TB-50A**	①	**X-50A**
3/4	(3) # 6	**TB-75A**	(3) # 6	**X-75A**
1	(3) # 6	**TB-100A**	(3) # 4	**X-100A**
1-1/4	(3) # 6	**TB-125A**	—	**X-125A**
1-1/2	(3) # 4	**TB-150A**	—	**X-150A**
2	(3) # 1/0	**TB-200A**	—	**X-200A**
2-1/2	—	—	—	—
3	—	—	—	—
3-1/2	—	—	—	—
4	—	—	—	—

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

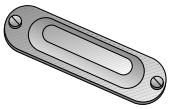
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Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Blank Covers and Gaskets ①

Body Size (Inches)	Domed Top Design Cover	Solid Cover Sealing Gasket	
		Velbuna	Neoprene
			
1/2	**BS-50A**	**SG-50**	**SGN-50**
3/4	**BS-75A**	**SG-75**	**SGN-75**
1	**BS-100A**	**SG-100**	**SGN-100**
1-1/4 - 1-1/2	**BS-125A**	**SG-125**	**SGN-125**
2	**BS-200A**	**SG-200**	**SGN-200**
2-1/2 - 3	**BS-250A**	**SG-250**	**SGN-250**
3-1/2 - 4	**BS-350A** ①	**SG-350**	**SGN-350**

① *Flat Top Design Cover*

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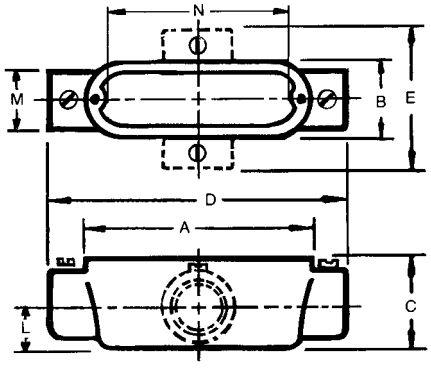
EMERSON

Aluminum Conduit Bodies, Covers and Gaskets

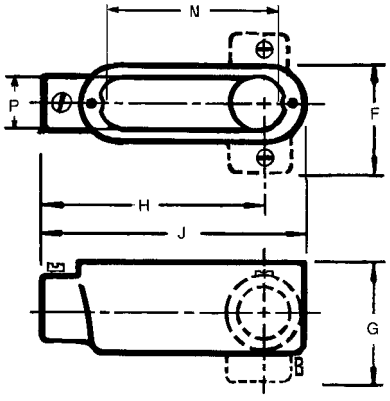
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
Pressure Cast													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
Sand Cast													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Tapered threaded hubs (NPT).
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

Standard Materials

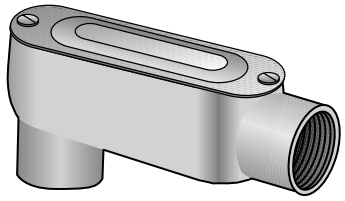
- Conduit Body: copperfree (max. 4/10 of 1%) aluminum
- Cover: **Type BS** copperfree (max. 4/10 of 1%) aluminum
- Gasket: **Type SGN** Neoprene

Standard Finishes

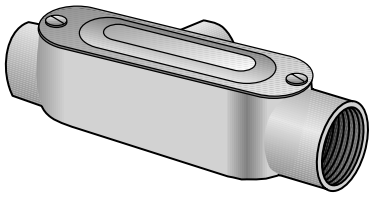
- Conduit Body - epoxy powder coat enamel

NEC/CEC Certifications and Compliances

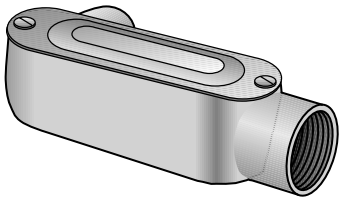
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: LR-9795
- NEMA Standard: FB-1, FB-2.10



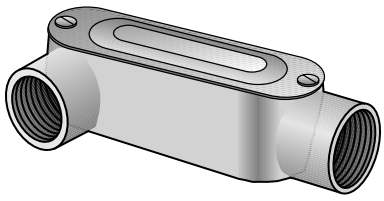
Type LB–ACG



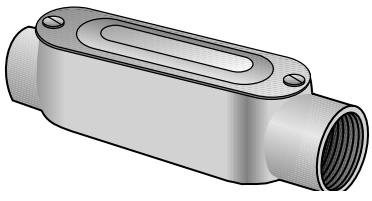
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Type LL–ACG



Type LR–ACG



Type C–ACG

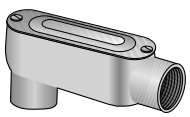
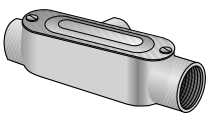
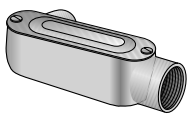
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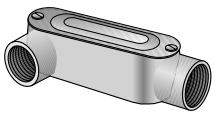
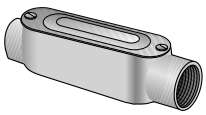
Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LB–ACG	Max. Wire Fill	T–ACG	Max. Wire Fill	LL–ACG
						
1/2	①	**LB-50ACG**	①	**T-50ACG**	①	**LL-50ACG**
3/4	(3) # 6	**LB-75ACG**	(3) # 6	**T-75ACG**	(3) # 6	**LL-75ACG**
1	(3) # 4	**LB-100ACG**	(3) # 4	**T-100ACG**	(3) # 4	**LL-100ACG**
1-1/4	(3) # 2	**LB-125ACG**	(3) # 2	**T-125ACG**	(3) # 2	**LL-125ACG**
1-1/2	(3) # 1/0	**LB-150ACG**	(3) # 1	**T-150ACG**	(3) # 1	**LL-150ACG**
2	(3) # 4/0	**LB-200ACG**	(3) # 2/0	**T-200ACG**	(3) # 2/0	**LL-200ACG**

Hub Size (Inches)	Max. Wire Fill	LR–ACG	Max. Wire Fill	C–ACG
				
1/2	①	**LR-50ACG**	①	**C-50ACG**
3/4	(3) # 6	**LR-75ACG**	(3) # 6	**C-75ACG**
1	(3) # 4	**LR-100ACG**	(3) # 4	**C-100ACG**
1-1/4	(3) # 2	**LR-125ACG**	(3) # 2	**C-125ACG**
1-1/2	(3) # 1	**LR-150ACG**	(3) # 1/0	**C-150ACG**
2	(3) # 2/0	**LR-200ACG**	(3) # 3/0	**C-200ACG**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

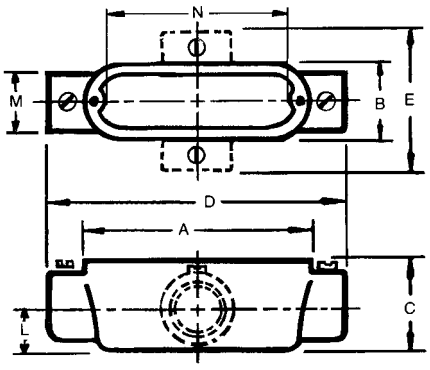
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Aluminum Conduit Bodies, Covers and Gaskets

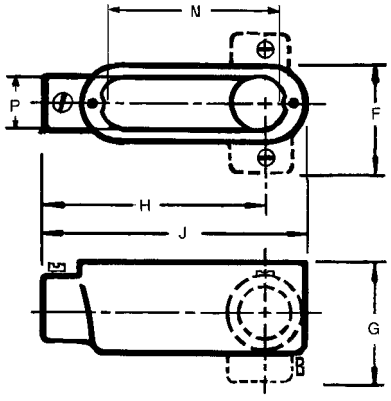
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
Pressure Cast													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
Sand Cast													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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Aluminum Conduit Bodies, Covers and Gaskets

Set Screw Type for EMT (Thinwall Conduit).

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/ upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Slotted hex head steel hardened cup-point set screw for EMT.
- Internal volume and maximum wire clearly marked on castings.

Standard Materials

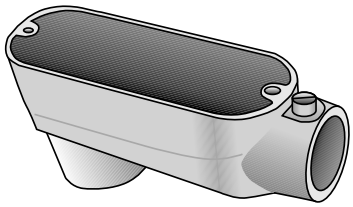
- Diecast copperfree (max. 4/10 of 1%) aluminum

Standard Finishes

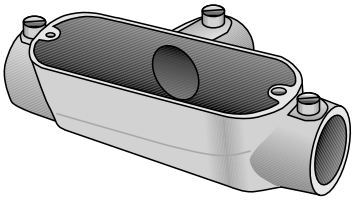
- Aluminum enamel

NEC/CEC Certifications and Compliances

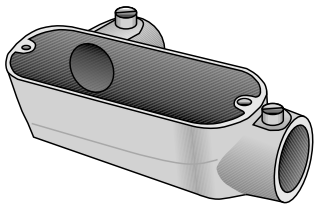
- UL Standards: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA Standard: FB-1, FB-2.10



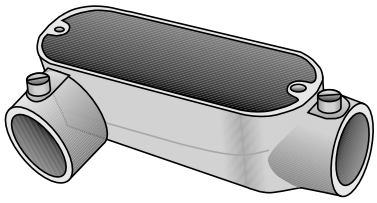
Type LB–TW



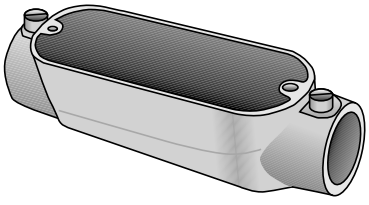
Type T–TW



Type LL–TW



Type LR–TW



Type C–TW

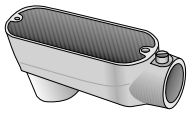
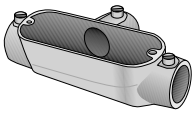
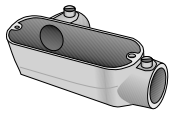
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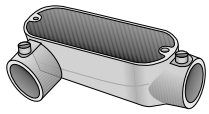
Aluminum Conduit Bodies, Covers and Gaskets

Set Screw Type for EMT (Thinwall Conduit).

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies

Hub Size (Inches)	Max. Wire Fill	LB–TW	Max. Wire Fill	T-TW	Max. Wire Fill	LL-TW
						
1/2	①	**LB-50ATW**	①	**T-50ATW**	①	**LL-50ATW**
3/4	(3) # 6	**LB-75ATW**	(3) # 6	**T-75ATW**	(3) # 6	**LL-75ATW**
1	(3) # 4	**LB-100ATW**	(3) # 4	**T-100ATW**	(3) # 4	**LL-100ATW**
1-1/4	(3) # 2	**LB-125ATW**	(3) # 2	**T-125ATW**	(3) # 2	**LL-125ATW**
1-1/2	(3) # 1/0	**LB-150ATW**	(3) # 1	**T-150ATW**	(3) # 1	**LL-150ATW**
2	(3) # 4/0	**LB-200ATW**	(3) # 2/0	**T-200ATW**	(3) # 2/0	**LL-200ATW**

Hub Size (Inches)	Max. Wire Fill	LR-TW	Max. Wire Fill	C-TW
				
1/2	①	**LR-50ATW**	①	**C-50ATW**
3/4	(3) # 6	**LR-75ATW**	(3) # 6	**C-75ATW**
1	(3) # 4	**LR-100ATW**	(3) # 4	**C-100ATW**
1-1/4	(3) # 2	**LR-125ATW**	(3) # 2	**C-125ATW**
1-1/2	(3) # 1	**LR-150ATW**	(3) # 1/0	**C-150ATW**
2	(3) # 2/0	**LR-200ATW**	(3) # 3/0	**C-200ATW**

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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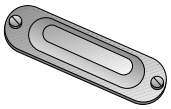
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Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Blank Covers and Gaskets ①

Body Size (Inches)	Domed Top Design Cover	Solid Cover Sealing Gasket	
		Velbuna	Neoprene
			
1/2	**BS-50A**	**SG-50**	**SGN-50**
3/4	**BS-75A**	**SG-75**	**SGN-75**
1	**BS-100A**	**SG-100**	**SGN-100**
1-1/4 - 1-1/2	**BS-125A**	**SG-125**	**SGN-125**
2	**BS-200A**	**SG-200**	**SGN-200**
2-1/2 - 3	**BS-250A**	**SG-250**	**SGN-250**
3-1/2 - 4	**BS-350A** ①	**SG-350**	**SGN-350**

① *Flat Top Design Cover*

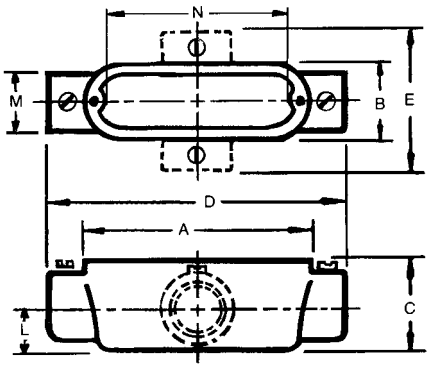
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Aluminum Conduit Bodies, Covers and Gaskets

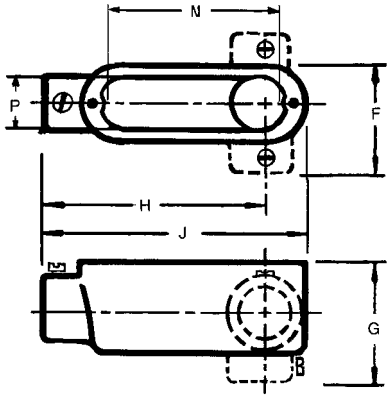
For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Types C, T, TB, X



Types LB, LL, LR

Hub Size (Inches)	Dimensions In Millimeters (Inches)												
	A	B	C	D	E	F	G	H	J	L	M	N	P
Pressure Cast													
1/2	100.1 (3.94)	33.3 (1.31)	35.1 (1.38)	120.7 (4.75)	65.0 (2.56)	50.8 (2.00)	52.3 (2.06)	88.9 (3.50)	109.5 (4.31)	16.0 (0.63)	28.7 (1.13)	79.8 (3.14)	26.7 (1.05)
3/4	117.6 (4.63)	39.6 (1.56)	41.4 (1.63)	143.0 (5.63)	76.2 (3.00)	57.2 (2.25)	62.0 (2.44)	104.9 (4.13)	130.3 (5.13)	19.1 (0.75)	35.1 (1.38)	96.0 (3.78)	32.3 (1.27)
1	136.7 (5.38)	46.0 (1.81)	47.8 (1.88)	169.9 (6.69)	88.9 (3.50)	66.8 (2.63)	71.4 (2.81)	124.0 (4.88)	152.4 (6.00)	23.9 (0.94)	42.9 (1.69)	114.3 (4.50)	38.6 (1.52)
1-1/4	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	98.6 (3.88)	166.6 (6.56)	200.2 (7.88)	26.9 (1.06)	54.1 (2.13)	152.4 (6.00)	57.2 (2.25)
1-1/2	182.6 (7.19)	63.5 (2.50)	69.9 (2.75)	217.4 (8.56)	—	88.9 (3.50)	96.8 (3.81)	163.6 (6.44)	200.2 (7.88)	30.2 (1.19)	60.5 (2.38)	152.4 (6.00)	57.2 (2.25)
2	241.3 (9.50)	79.5 (3.13)	87.4 (3.44)	274.6 (10.81)	—	106.4 (4.19)	115.8 (4.56)	211.1 (8.31)	258.8 (10.19)	38.1 (1.50)	74.7 (2.94)	204.7 (8.06)	69.9 (2.75)
Sand Cast													
2-1/2	311.2 (12.25)	109.5 (4.31)	98.6 (3.88)	384.3 (15.13)	—	146.1 (5.75)	133.4 (5.25)	301.8 (11.88)	347.7 (13.69)	46.0 (1.81)	85.9 (3.38)	270.0 (10.63)	93.7 (3.69)
3	311.2 (12.25)	109.5 (4.31)	117.6 (4.63)	384.3 (15.13)	—	146.1 (5.75)	152.4 (6.00)	293.6 (11.56)	347.7 (13.69)	55.6 (2.19)	104.9 (4.13)	270.0 (10.63)	93.7 (3.69)
3-1/2	378.0 (14.88)	139.7 (5.50)	131.8 (5.19)	460.5 (18.13)	—	181.1 (7.13)	173.0 (6.81)	355.6 (14.00)	419.1 (16.50)	63.5 (2.50)	120.7 (4.75)	333.5 (13.13)	124.0 (4.88)
4	378.0 (14.88)	139.7 (5.50)	141.2 (5.56)	460.5 (18.13)	—	181.1 (7.13)	182.6 (7.19)	349.3 (13.75)	419.1 (16.50)	69.9 (2.75)	130.3 (5.13)	333.5 (13.13)	124.0 (4.88)

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FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Roomy interiors: deep body cavity provides increased volume allowing higher wiring capacity.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds ✣ Mark9 ✣ bodies, gaskets and covers. Equivalent FM9™ and Mark9 ✣ units have identical applications and installation dimensions.
- Seven body styles available in 1/2" thru 4" sizes, TB's in 1/2" thru 2" and X's in 1/2" thru 1".
- Aluminum Unilets™: produced from a high-strength copperfree aluminum alloy, for light weight and high corrosion resistance.
- FM9™ covers with integral gasket are suitable for use in wet locations.
- Covers are domed for extra wiring space.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Stainless steel pan-head cover screws secure cover to body and provide superior screwdriver seating and torque. Cover screws are captive to prevent loss in sizes 1/2" thru 2".
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

Standard Materials

- Conduit bodies: copperfree (4/10 of 1% max.) aluminum
- Covers: stamped copperfree (4/10 of 1% max.) aluminum
- Cover screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Conduit bodies, covers and screws: natural

Options

- PVC coating available on all bodies and select covers. Add suffix **-PVC** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



Type LL with Form–IN–Place cover



Captive Stainless Steel Pan–Head Cover Screws

✣ *Crouse-Hinds and Mark9 are registered trademarks of Cooper Crouse-Hinds.*

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FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM9™ Conduit Bodies ①②

Hub Size (Inches)	Max. Wire Fill	C	Max. Wire Fill	LB
				
1/2	③	**C19**	③	**LB19**
3/4	(3) # 6	**C29**	(3) # 6	**LB29**
1	(3) # 4	**C39**	(3) # 4	**LB39**
1-1/4	(3) # 2	**C49**	(3) # 2	**LB49**
1-1/2	(3) # 1/0	**C59**	(3) # 1/0	**LB59**
2	(3) # 2/0	**C69**	(3) # 3/0	**LB69**
2-1/2	(3) 300	**C789**	(3) 300	**LB789**
3	(3) 350	**C889**	(3) 300	**LB889**
3-1/2	(3) 350	**C989**	(3) 500	**LB989**
4	(3) 350	**C1089**	(3) 500	**LB1089**

Hub Size (Inches)	Max. Wire Fill	T	Max. Wire Fill	TB
				
1/2	③	**T19**	③	**TB19**
3/4	(3) # 6	**T29**	(3) # 6	**TB29**
1	(3) # 4	**T39**	(3) # 4	**TB39**
1-1/4	(3) # 2	**T49**	(3) # 2	**TB49**
1-1/2	1 (3) # 1/0; side (3) # 2	**T59**	(3) # 1/0; back (3) # 2	**TB59**
2	(3) # 2/0; side (3) # 1	**T69**	(3) # 2/0; back (3) # 1	**TB69**
2-1/2	(3) 250	**T789**	–	–
3	(3) 250	**T889**	–	–
3-1/2	(3) 350	**T989**	–	–
4	(3) 350	**T1089**	–	–

*① PVC coating available on all FM9™ bodies. Add suffix **-PVC** to catalog number.*
② Refer to following page for Wiring Capacity Tables.
③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM9™ Conduit Bodies ①

Hub Size (Inches)	Max. Wire Fill	LL	Max. Wire Fill	LR
				
1/2	②	**LL19**	②	**LR19**
3/4	(3) # 6	**LL29**	(3) # 6	**LR29**
1	(3) # 4	**LL39**	(3) # 4	**LR39**
1-1/4	(3) # 2	**LL49**	(3) # 2	**LR49**
1-1/2	(3) # 1/0	**LL59**	(3) # 1/0	**LR59**
2	(3) # 4/0	**LL69**	(3) # 4/0	**LR69**
2-1/2	(3) 300	**LL789**	(3) 300	**LR789**
3	(3) 350	**LL889**	(3) 350	**LR889**
3-1/2	(3) 350	**LL989**	(3) 350	**LR989**
4	(3) 350	**LL1089**	(3) 350	**LR1089**

Hub Size (Inches)	Max. Wire Fill	X
		
1/2	②	**X19**
3/4	(3) # 6	**X29**
1	(3) # 4	**X39**
1-1/4	–	–
1-1/2	–	–
2	–	–
2-1/2	–	–
3	–	–
3-1/2	–	–
4	–	–

① Refer to following page for Wiring Capacity Tables
② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

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FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For FM9™ Unilets™ Conduit Outlet Bodies.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Wet Locations, NEMA 3R with cover and gasket

Appleton™ FM9™ Blank Covers and Gaskets and Stamped Aluminum Cover with Integral Gasket
(Covers furnished with Stainless Steel Screws)

Body Size (Inches)	Stamped Aluminum Cover ①	Solid Gasket Neoprene
		
1/2	**APP190**	**GASK1941**
3/4	**APP290**	**GASK1942**
1	**APP390**	**GASK1943**
1-1/4	**APP490**	**GASK1944**
1-1/2	**APP590**	**GASK1945**
2	**APP690**	**GASK1946**
2-1/2	**APP889**	**GASK808N**
3	**APP889**	**GASK808N**
3-1/2	**APP989**	**GASK809N**
4	**APP989**	**GASK809N**

Wiring Capacity: Combine Body and Cover Capacities for Total usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm^3 (in^3)						
	C	LB	LL LR	T	TB	X	Cover
1/2	0.08 (4.80)	0.08 (5.00)	0.09 (5.30)	0.08 (5.00)	0.11 (6.80)	0.12 (7.30)	0.01 (0.50)
3/4	0.13 (7.80)	0.14 (8.30)	0.14 (8.50)	0.14 (8.30)	0.18 (11.00)	0.19 (11.30)	0.01 (0.80)
1	0.20 (12.30)	0.21 (12.80)	0.22 (13.30)	0.20 (12.50)	0.27 (16.50)	0.28 (17.00)	0.02 (1.00)
1-1/4	0.41 (25.30)	0.43 (26.50)	0.45 (27.30)	0.43 (26.30)	0.42 (25.80)	–	0.02 (1.50)
1-1/2	0.61 (37.50)	0.64 (39.00)	0.65 (39.80)	0.63 (38.50)	0.63 (38.50)	–	0.04 (2.50)
2	1.27 (77.50)	1.33 (81.30)	1.36 (82.80)	1.30 (79.50)	1.26 (77.00)	–	0.11 (6.50)
2-1/2	3.77 (230.00)	3.77 (230.00)	3.77 (230.00)	3.77 (230.00)	–	–	0.20 (12.30)
3	4.10 (250.00)	4.10 (250.00)	4.10 (250.00)	4.10 (250.00)	–	–	0.20 (12.30)
3-1/2	7.37 (450.00)	7.37 (450.00)	7.37 (450.00)	7.37 (450.00)	–	–	0.39 (24.00)
4	7.70 (470.00)	7.70 (470.00)	7.70 (470.00)	7.70 (470.00)	–	–	0.39 (24.00)

*① PVC coating available on select FM9™ covers. Add suffix **-PVC** to catalog number.*

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FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

FM9™ Cover with Integral Form-In-Place gasket.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Applications

- Cover with integral gasket for FM9 conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.



Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).

Standard Materials

- Stamped aluminum
- Gasket - Urethane

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Hub Size (Inches)	Stamped Aluminum
	
1/2	**190IG**
3/4	**290IG**
1	**390IG**
1-1/4	**490IG**
1-1/2	**590IG**
2	**690IG**
2-1/2 and 3	**889IG**
3-1/2 and 4	**989IG**

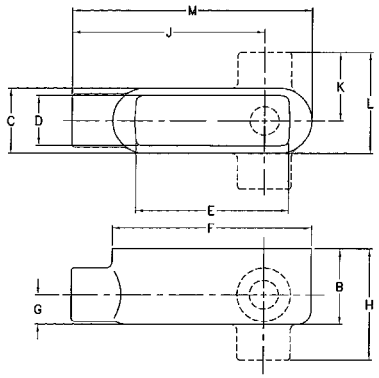
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FM9™ Aluminum Conduit Outlet Bodies Covers Gaskets

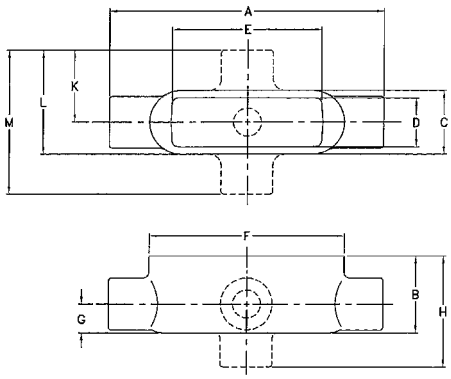
For use with Rigid Steel, Rigid Aluminum and IMC.

NEC/CEC:
Class I, Division 2
Wet Locations, NEMA 3R

Dimensions in Millimeters (Inches)



Type LB, LL and LR



Type C, T, TB and X

	Hub Size	Dimensions in Millimeters (Inches) A	B	C	D	E	F	G	H	J	K	L	M	N
C, LB, T, LL, and LR	1/2	126.2 (4.97)	39.6 (1.56)	35.1 (1.38)	26.9 (1.06)	3.28 (83.3)	107.2 (4.22)	16.0 (0.63)	58.7 (2.31)	91.2 (3.59)	36.6 (1.44)	54.1 (2.13)	–	116.6 (4.59)
	3/4	144.5 (5.69)	46.0 (1.81)	39.6 (1.56)	1.22 (31.0)	100.1 (3.94)	122.2 (4.81)	19.1 (0.75)	65.8 (2.59)	103.9 (4.09)	40.4 (1.59)	60.5 (2.38)	–	64.0 (2.52)
	1	167.4 (6.59)	52.3 (2.06)	44.5 (1.75)	35.8 (1.41)	115.8 (4.56)	142.0 (5.59)	22.4 (0.88)	77.0 (3.03)	122.9 (4.84)	46.7 (1.84)	69.1 (2.72)	–	154.7 (6.09)
	1-1/4	193.8 (7.63)	68.3 (2.69)	55.6 (2.19)	47.8 (1.88)	133.4 (5.25)	166.6 (6.56)	27.7 (1.09)	95.3 (3.75)	136.7 (5.38)	54.9 (2.16)	82.6 (3.25)	–	180.1 (7.09)
	1-1/2	209.6 (8.25)	77.0 (3.03)	64.3 (2.53)	55.6 (2.19)	150.9 (5.94)	184.2 (7.25)	31.8 (1.25)	102.4 (4.03)	152.4 (6.00)	57.2 (2.25)	89.7 (3.53)	–	198.4 (7.81)
	2	271.5 (10.69)	95.3 (3.75)	81.0 (3.19)	71.4 (2.81)	204.7 (8.06)	242.8 (9.56)	38.1 (1.50)	124.0 (4.88)	200.2 (7.88)	67.6 (2.66)	108.0 (4.25)	–	257.3 (10.13)
	2-1/2	397.0 (15.63)	125.5 (4.94)	127.0 (5.00)	108.0 (4.25)	276.4 (10.88)	311.2 (12.25)	63.5 (2.50)	168.4 (6.63)	290.6 (11.44)	106.4 (4.19)	169.9 (6.69)	–	354.1 (13.94)
	3	397.0 (15.63)	134.9 (5.31)	127.0 (5.00)	108.0 (4.25)	276.4 (10.88)	311.2 (12.25)	63.5 (2.50)	177.8 (7.00)	290.6 (11.44)	106.4 (4.19)	169.9 (6.69)	–	354.1 (13.94)
	3-1/2	476.3 (18.75)	157.2 (6.19)	158.8 (6.25)	138.2 (5.44)	341.4 (13.44)	381.0 (15.00)	79.5 (3.13)	204.7 (8.06)	349.3 (13.75)	127.0 (5.00)	206.5 (8.13)	–	428.8 (16.88)
	4	476.3 (18.75)	163.6 (6.44)	158.8 (6.25)	138.2 (5.44)	341.4 (13.44)	381.0 (15.00)	79.5 (3.13)	211.1 (8.31)	349.3 (13.75)	127.0 (5.00)	206.5 (8.13)	–	428.8 (16.88)
TB and X	1/2	150.9 (5.94)	49.3 (1.94)	35.1 (1.38)	26.2 (1.03)	83.3 (3.28)	107.2 (4.22)	16.0 (0.63)	69.9 (2.75)	–	39.6 (1.56)	57.2 (2.25)	79.5 (3.13)	128.5 (5.06)
	3/4	166.6 (6.56)	56.4 (2.22)	39.6 (1.56)	31.0 (1.22)	100.1 (3.94)	122.2 (4.81)	19.1 (0.75)	77.0 (3.03)	–	42.2 (1.66)	62.0 (2.44)	84.1 (3.31)	144.5 (5.69)
	1	190.5 (7.50)	62.0 (2.44)	44.5 (1.75)	35.1 (1.38)	115.8 (4.56)	142.0 (5.59)	22.4 (0.88)	85.9 (3.38)	–	46.7 (1.84)	69.1 (2.72)	93.7 (3.69)	165.9 (6.53)
	1-1/4	215.9 (8.50)	68.3 (2.69)	55.6 (2.19)	44.5 (1.75)	133.4 (5.25)	166.6 (6.56)	27.7 (1.09)	95.3 (3.75)	–	–	–	–	191.3 (7.53)
	1-1/2	209.6 (8.25)	77.0 (3.03)	64.3 (2.53)	55.6 (2.19)	150.9 (5.94)	184.2 (7.25)	31.8 (1.25)	102.4 (4.03)	–	–	–	–	198.4 (7.81)
	2	271.5 (10.69)	95.3 (3.75)	81.0 (3.19)	69.9 (2.75)	204.7 (8.06)	242.8 (9.56)	38.1 (1.50)	124.0 (4.88)	–	–	–	–	257.3 (10.13)

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EMERSON

NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Larger body size facilitates pulling of large and heavy conductors. Specially designed raised cast covers provide additional wiring area.
- Mogul Unilets™ for pulling straight, 45° or 90° angle turns and/or making taps and splices.

Features

- Exclusive built-in rollers facilitate cable pulling. Available on NEC 6x8x Series Moguls (C, LB and UB) in sizes 1-1/4" and up.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Covers have captive stainless steel screws to speed installation, prevent "freezing" of screws.
- LB and UB Moguls
  - — Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds six times the trade diameter of the conduit per NEC 314.28(A)(2).
  - — Bending Space Requirement: these moguls also meet the NEC 314.28(A)(2) Exception requirement spelled out in NEC 312.6(A) Table.
- C Moguls
  - — Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds eight times the trade diameter of the conduit per NEC 314.28(A)(1).
  - — Bending Space Requirement: not applicable.
- LL and LR Moguls
  - — Like LB moguls, these moguls have an end hub.
  - — The second hub is in the side (LL left and LR right) instead of the back.
- T Moguls
  - — These are like "C" moguls (1" thru 4"), except with an additional middle side hub.
  - — Distance between the centerline of each "C" hub conduit stop exceeds eight times the trade diameter of the conduit per NEC 314.28(A)(1). ①

Standard Materials

- Bodies and covers: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene
- Screws: stainless steel

Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1



C Type NEC 8x



LB Type 1" – 2" NEC 6x



LB Type 2–1/2" – 4" NEC 6x



UB Type NEC 6x



LR Type NEC 6x



LL Type NEC 6x



T Type NEC 8x



Rollers make cable–pulling easier, eliminate insulation damage

① If less than maximum conductors permitted by NEC are used, smaller wires may be used additionally through "LL", "LR" or "T" hubs. If large conductors are required to be bent in "LL", "LR" or "T" direction, order junction boxes instead. See Enclosures and Junction Boxes.

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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Type	Hub Size (Inches)	Max. Wire Fill	Body, Cover and Gasket		Gasket Only	Cover and Gasket	
			Malleable Iron	Aluminum		Malleable Iron	Aluminum
C NEC 8X							
 **1" – 2"**	1	(3) # 2	**BC100-M**	**BC100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 1/0	**BC125-M** ①	**BC125-A** ①	**BGC125**	**BKGC125-M**	**BKGC125-A**
	1-1/2	(3) # 3/0	**BC150-M** ①	**BC150-A** ①	**BG150**	**BKG150-M**	**BKG150-A**
	2	(3) 300	**BC200-M** ①	**BC200-A** ①	**BGC200**	**BKGC200-M**	**BKGC200-A**
 **2–1/2" – 4"**	2-1/2	(3) 400	**BC250-M** ①	**BC250-A** ①	**BGC250**	**BKGC250-M**	**BKGC250-A**
	3	(3) 700	**BC300-M** ①	**BC300-A** ①	**BGC300**	**BKGC300-M**	**BKGC300-A**
	3-1/2	(3) 900	**BC350-M** ①	**BC350-A** ①	**BGC350**	**BKGC350-M**	**BKGC350-A**
	4	(3) 1000	**BC400-M** ①	**BC400-A** ①	**BGC400**	**BKGC400-M**	**BKGC400-A**
LB NEC 6X							
 **1" – 2"**	1	(3) # 2	**BLB100-M**	**BLB100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 1/0	**BLB125-M** ①	**BLB125-A** ①	**BGL125**	**BKGL125-M**	**BKGL125-A**
	1-1/2	(3) # 3/0	**BLB150-M** ①	**BLB150-A** ①	**BG150**	**BKG150-M**	**BKG150-A**
	2	(3) 300	**BLB200-M** ①	**BLB200-A** ①	**BGL200**	**BKGL200-M**	**BKGL200-A**
 **2–1/2" – 4"**	2-1/2	(3) 400	**BLB250-M** ①	**BLB250-A** ①	**BGL250**	**BKGL250-M**	**BKGL250-A**
	3	(3) 700	**BLB300-M** ①	**BLB300-A** ①	**BGL300**	**BKGL300-M**	**BKGL300-A**
	3-1/2	(3) 900	**BLB350-M** ①	**BLB350-A** ①	**BGL350**	**BKGL350-M**	**BKGL350-A**
	4	(3) 1000	**BLB400-M** ①	**BLB400-A** ①	**BGL400**	**BKGL400-M**	**BKGL400-A**
UB NEC 6X							
 **1" – 2"**	1	(3) # 2	**BUB100-M**	**BUB100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 1/0	**BUB125-M** ①	**BUB125-A** ①	**BGL125**	**BKGL125-M**	**BKGL125-A**
	1-1/2	(3) # 3/0	**BUB150-M** ①	**BUB150-A** ①	**BG150**	**BKG150-M**	**BKG150-A**
	2	(3) 300	**BUB200-M** ①	**BUB200-A** ①	**BGL200**	**BKGL200-M**	**BKGL200-A**
 **2–1/2" – 4"**	2-1/2	(3) 400	**BUB250-M** ①	**BUB250-A** ①	**BGL250**	**BKGC250-M**	**BKGC250-A**
	3	(3) 700	**BUB300-M** ①	**BUB300-A** ①	**BGL300**	**BKGU300-M**	**BKGU300-A**
	3-1/2	(3) 900	**BUB350-M** ①	**BUB350-A** ①	**BGL350**	**BKGC350-M**	**BKGC350-A**
	4	(3) 1000	**BUB400-M** ①	**BUB400-A** ①	**BGL400**	**BKGU400-M**	**BKGU400-A**

① *Furnished with rollers for easier cable pulling.*

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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Type	Hub Size (Inches)	Max. Wire Fill	Body, Cover and Gasket		Gasket Only	Cover and Gasket	
			Malleable Iron	Aluminum		Malleable Iron	Aluminum
LL NEC 6X							
	1	(3) # 4	**BLL100-M**	**BLL100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 2	**BLL125-M**	**BLL125-A**	**BGL125**	**BKGL125-M**	**BKGL125-A**
	1-1/2	(3) # 1/0	**BLL150-M**	**BLL150-A**	**BG150**	**BKG150-M**	**BKG150-A**
1" – 2"	2	(3) # 4/0	**BLL200-M**	**BLL200-A**	**BGL200**	**BKGL200-M**	**BKGL200-A**
LR NEC 6X							
	1	(3) # 4	**BLR100-M**	**BLR100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 2	**BLR125-M**	**BLR125-A**	**BGL125**	**BKGL125-M**	**BKGL125-A**
	1-1/2	(3) #1/0	**BLR150-M**	**BLR150-A**	**BG150**	**BKG150-M**	**BKG150-A**
1" – 2"	2	(3) # 4/0	**BLR200-M**	**BLR200-A**	**BGL200**	**BKGL200-M**	**BKGL200-A**
T NEC 8X							
	1	(3) # 4	**BT100-M**	**BT100-A**	**BG100**	**BKG100-M**	**BKG100-A**
	1-1/4	(3) # 2	**BT125-M**	**BT125-A**	**BGC125**	**BKGC125-M**	**BKGC125-A**
	1-1/2	(3) #1/0	**BT150-M**	**BT150-A**	**BG150**	**BKG150-M**	**BKG150-A**
1" – 2"	2	(3) # 4/0	**BT200-M**	**BT200-A**	**BGC200**	**BKGC200-M**	**BKGC200-A**
	2-1/2	(3) 300	**BT250-M**	**BT250-A**	**BGC250**	**BKGC250-M**	**BKGC250-A**
	3	(3) 350	**BT300-M**	**BT300-A**	**BGC300**	**BKGC300-M**	**BKGC300-A**
	3-1/2	(3) 350	**BT350-M**	**BT350-A**	**BGC350**	**BKGC350-M**	**BKGC350-A**
2–1/2" – 4"	4	(3) 350	**BT400-M**	**BT400-A**	**BGC400**	**BKGC400-M**	**BKGC400-A**

Wiring Capacity for Mogul Bodies with Covers: Malleable Iron and Aluminum

Hub Size (Inches)	Type Mogul	Capacity — dm^3 (in^3)
1	C, LB, LL, LR, T, UB	0.50 (31.00)
1-1/4	C, T	0.82 (50.00)
	LB	0.79 (48.00)
	LL, LR	0.69 (42.00)
	UB	0.66 (40.00)
1-1/2	C, LL, LR, T	1.52 (93.00)
	LB	1.75 (107.00)
	UB	1.49 (91.00)
2	C, T	2.34 (143.00)
	LB	2.37 (145.00)
	LL, LR, UB	2.20 (134.00)

Hub Size (Inches)	Type Mogul	Capacity — dm^3 (in^3)
2-1/2	C, T	5.49 (335.00)
	LB	3.44 (210.00)
	UB	6.15 (375.00)
3	C, T	7.78 (475.00)
	LB	5.65 (345.00)
	UB	7.29 (445.00)
3-1/2	C, T	13.60 (830.00)
	LB	8.19 (500.00)
	UB	13.77 (840.00)
4	C, T	16.55 (1010.00)
	LB	12.13 (740.00)
	UB	15.73 (960.00)

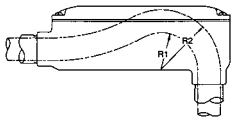
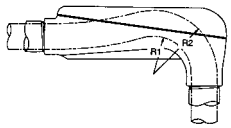
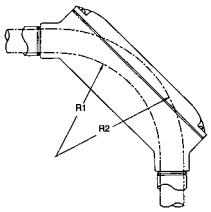
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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

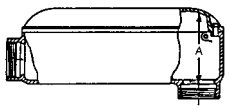
Bending Radius of Moguls

	Type	Catalog Number	Hub Size (Inches)	Millimeters (Inches) R1	R2
 LB Mogul 1" – 2"	LB	**BLB100-A,M**	1	41.4 (1.63)	66.8 (2.63)
		BLB125-A,M	1-1/4	57.2 (2.25)	92.2 (3.63)
		BLB150-A,M	1-1/2	66.8 (2.63)	104.9 (4.13)
		BLB200-A,M	2	76.2 (3.00)	127.0 (5.00)
 LB Mogul 2–1/2" – 4"		**BLB250-A,M**	2-1/2	98.6 (3.88)	158.8 (6.25)
		BLB300-A,M	3	127.0 (5.00)	203.2 (8.00)
		BLB350-A,M	3-1/2	127.0 (5.00)	212.9 (8.38)
		BLB400-A,M	4	158.8 (6.25)	260.4 (10.25)
 UB Mogul 1" – 4"	UB	**BUB100-A,M**	1	114.3 (4.50)	139.7 (5.50)
		BUB125-A,M	1-1/4	117.6 (4.63)	152.4 (6.00)
		BUB150-A,M	1-1/2	177.8 (7.00)	215.9 (8.50)
		BUB200-A,M	2	190.5 (7.50)	241.3 (9.50)
		BUB250-A,M	2-1/2	333.5 (13.13)	393.7 (15.50)
		BUB300-A,M	3	352.6 (13.88)	428.8 (16.88)
		BUB350-A,M	3-1/2	501.7 (19.75)	590.6 (23.25)
		BUB400-A,M	4	527.1 (20.75)	628.7 (24.75)

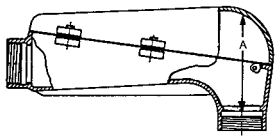
Compliances with NEC Bending Space Requirements

Bending Space Defined

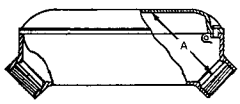
NEC 314.28(A)(2) Exception.
This article applies to LB and UB Moguls, defines bending space and refers to NEC 312.6(B) Table as guideline for determining minimum bending space distance. Bending space is illustrated as Dimension "A" below:



LB Mogul 1" – 2"



LB Mogul 2–1/2" – 4"



UB Mogul 1" – 4"

Bending Space of Moguls (Dim. "A" in sketches at left)

Mogul Size	Type	Distance
1	LB, UB	2-1/2"
1-1/4	LB, UB	3-1/2"
1-1/2	LB, UB	4"
2	LB, UB	5"
2-1/2	LB, UB	6"
3	LB, UB	8"
3-1/2	LB, UB	8"
4	LB, UB	10"

NOTE ON RADIUS TABLE: Secure cable or wire bending radius from manufacturer. Then select a mogul having this radius or more. If radius is 6-1/4", an LB 2-1/2" mogul or BUB 1-1/2" mogul is suitable.

NOTE ON NEC 312.6(B) *TABLE: Because cable sizes vary, table is limited to single wire sizes. Use as guideline only for cable sizes.*

Minimum Wire Bending Space

NEC 312.6(B) Table: The applicable portion of this table is shown below. Only the "1 Wire Per Terminal" column is retained, because the others are not applicable.
Example for using table below and table at right:
350MCM wire size requires 5" bending space. A 2" LB or UB Appleton™ Mogul is suitable.

AWG or Circular–Mill. Size of Wire	1 Wire per Terminal Min. Bending Space
14-10	Not Specified
8-6	1-1/2"
4-3	2"
2	2-1/2"
1	3"
0-00	3-1/2"
000-0000	4"
250 MCM	4-1/2"
300-350 MCM	5"
400-500 MCM	6"
600-700 MCM	8"
750-900 MCM	8"
1,000-1,250 MCM	10"
1,500-2,000 MCM	12"

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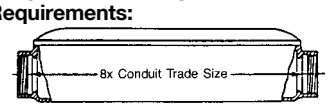
NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

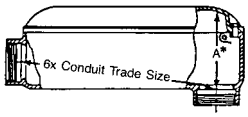
NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applicable NEC References for C, LB and UB Moguls

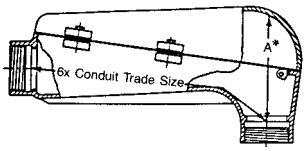
- **Straight Pull Length Requirements: NEC 314.28(A)(2)— C Moguls** "... shall not be less than eight times the trade diameter of the largest raceway." (See table at right.)
- **Angle or U Pull Length Requirements: NEC 314.28(A)(2)— LB, UB Moguls** "The distance between each raceway entry inside the box and the opposite wall of the box shall not be less than six times the trade diameter of the largest raceway." (See next page.)
- **Bending-Space Requirements: NEC 314.28(A)(2). Exception 312.6(A) Table— LB, UB Moguls** "Where a conduit or cable entry is in the wall of a box or conduit body opposite to a removable cover." (See dim. "A", table right)
- **Length and Bending Space Requirements:**



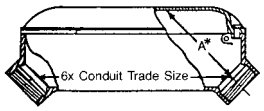
C Mogul— 1" thru 4"



LB Mogul— 1" thru 2"



LB Mogul— 2–1/2" thru 4"



UB Mogul— 1" thru 4"

BENDING SPACE EXAMPLE: LB with 3" hubs (Cat. No. BLB300-M) using 500 MCM wire with four conductors.

Table on next page shows that, in this example, NEC requires a bending space of 6" and that the Appleton™ 3" LB provides a bending space of 8".

** Dimension "A" is bending space.*

C Moguls — Straight Pulls: Maximum Number of Conductors, Minimum Lengths

Wire Size ①	Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop) Per NEC ③	Appleton™	Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop) Per NEC ③	Appleton™
	1" Hubs – BC100-M and BC100-A			**1-1/4" Hubs – BC125-M and BC125-A**		
4	4	8"	8"	7	10"	10"
3	3	8"	8"	6	10"	10"
2	3	8"	8"	5	10"	10"
1	-	-	-	3	10"	10"
0	-	-	-	3	10"	10"
	1-1/2" Hubs – BC150-M and BC150-A			**2" Hubs – BC200-M and BC200-A**		
4	9	12"	12"	16	16"	16"
3	8	12"	12"	13	16"	16"
2	7	12"	12"	11	16"	16"
1	5	12"	12"	8	16"	16"
0	4	12"	12"	7	16"	16"
00	3	12"	12"	6	16"	16"
000	3	12"	12"	5	16"	16"
0000	-	-	-	4	16"	16"
250	-	-	-	3	16"	16"
300	-	-	-	3	16"	16"
	2-1/2" Hubs – BC250-M and BC250-A			**3" Hubs – BC300-M and BC300-A**		
4	22	20"	20"	35	24"	24"
3	19	20"	20"	29	24"	24"
2	16	20"	20"	25	24"	24"
1	12	20"	20"	18	24"	24"
0	10	20"	20"	15	14"	24"
00	8	20"	20"	13	24"	24"
000	7	20"	20"	11	24"	24"
0000	6	20"	20"	9	24"	24"
250	4	20"	20"	7	24"	24"
300	4	20"	20"	6	24"	24"
350	3	15"	20"	5	24"	24"
400	3	15"	20"	5	24"	24"
500	-	-	-	4	24"	24"
600	-	-	-	3	24"	24"
700	-	-	-	3	24"	24"
	3-1/2" Hubs – BC350-M and BC400-A			**4" Hubs – BC400-M and BC400-A**		
4	47	28"	28"	60	32"	32"
3	39	28"	28"	51	32"	32"
2	33	28"	28"	43	32"	32"
1	25	28"	28"	32	32"	32"
0	21	28"	28"	27	32"	32"
00	17	28"	28"	32	32"	32"
000	14	28"	28"	18	32"	32"
0000	12	28"	28"	15	32"	32"
250	10	28"	28"	12	32"	32"
300	8	28"	28"	11	32"	32"
350	7	28"	28"	9	32"	32"
400	6	28"	28"	8	32"	32"
500	5	28"	28"	7	32"	32"
600	4	28"	28"	5	32"	32"
700	4	28"	28"	5	32"	32"
750	3	28"	28"	4	32"	32"
800	3	28"	28"	4	32"	32"
900	3	28"	28"	4	32"	32"
1000	-	-	-	3	32"	32"

① NEC 314.28(A), 314(A)(2). Limited to minimum #4 wire.
② NEC Chapter 9, Table 3B.
③ NEC 370.28(A)(1). This is 8 times conduit trade size.

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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

LB and UB Moguls- Angle or U Pulls: Max. No. Conductors, Min. Lengths, Min. Bending Spaces

Wire Size ①	Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop) Per NEC ③	Appleton™	(A) Bending Space Requirements Per NEC ③	Appleton™	Maximum Number of Conductors per NEC ②	Length Requirements (Conduit Stop to Conduit Stop) Per NEC ③	Appleton™	(A) Bending Space Requirements Per NEC ③	Appleton™
	1" Hubs – BLB100-M, BLB100-A, BUB100-M and BUB100-A					**1-1/4" Hubs – BLB125-M, BLB125-A, BUB125-M and BUB200-A**				
4	4	6"	6"	2"	2-1/2"	7	7-1/2"	7-1/2"	2"	3-1/2"
3	3	6"	6"	2"	2-1/2"	6	7-1/2"	7-1/2"	2"	3-1/2"
2	3	6"	6"	2-1/2"	2-1/2"	5	7-1/2"	7-1/2"	2-1/2"	3-1/2"
1	-	-	-	-	-	3	7-1/2"	7-1/2"	3"	3-1/2"
0	-	-	-	-	-	3	7-1/2"	7-1/2"	3-1/2"	3-1/2"
	1-1/2" Hubs – BLB150-M, BLB150-A, BUB150-M and BUB150-A					**2" Hubs – BLB200-M, BLB200-A, BUB200-M and BUB200-A**				
4	9	9"	9"	2"	4"	16	12"	12"	2"	5"
3	8	9"	9"	2"	4"	13	12"	12"	2"	5"
2	7	9"	9"	2-1/2"	4"	11	12"	12"	2-1/2"	5"
1	5	9"	9"	3"	4"	8	12"	12"	3"	5"
0	4	9"	9"	3-1/2"	4"	7	12"	12"	3-1/2"	5"
00	3	9"	9"	3-1/2"	4"	6	12"	12"	3-1/2"	5"
000	3	9"	9"	4"	4"	5	12"	12"	4"	5"
0000	-	-	-	-	-	4	12"	12"	4"	5"
250	-	-	-	-	-	3	12"	12"	4-1/2"	5"
300	-	-	-	-	-	3	12"	12"	5"	5"
	2-1/2" Hubs – BLB250-M, BLB250-A, BUB250-M and BUB250-A					**3" Hubs – BLB300-M, BLB300-A, BUB300-M and BUB300-A**				
4	22	15"	15"	2"	6"	35	18"	18"	2"	8"
3	19	15"	15"	2"	6"	29	18"	18"	2"	8"
2	16	15"	15"	2-1/2"	6"	25	18"	18"	2-1/2"	8"
1	12	15"	15"	3"	6"	18	18"	18"	3"	8"
0	10	15"	15"	3-1/2"	6"	15	18"	18"	3-1/2"	8"
00	8	15"	15"	3-1/2"	6"	13	18"	18"	3-1/2"	8"
000	7	15"	15"	4"	6"	11	18"	18"	4"	8"
0000	6	15"	15"	4"	6"	9	18"	18"	4"	8"
250	4	15"	15"	4-1/2"	6"	7	18"	18"	4-1/2"	8"
300	4	15"	15"	5"	6"	6	18"	18"	5"	8"
350	3	15"	15"	5"	6"	5	18"	18"	5"	8"
400	3	15"	15"	6"	6"	5	18"	18"	6"	8"
500	-	-	-	-	-	4	18"	18"	6"	8"
600	-	-	-	-	-	3	18"	18"	8"	8"
700	-	-	-	-	-	3	18"	18"	8"	8"
	3-1/2" Hubs – BLB350-M, BLB350-A, BUB350-M and BUB350-A					**4" Hubs – BLB400-M, BLB400-A, BUB400-M and BUB400-A**				
4	47	21"	21"	2"	8"	60	24"	24"	2"	10"
3	39	21"	21"	2"	8"	51	24"	24"	2"	10"
2	33	21"	21"	2-1/2"	8"	43	24"	24"	2-1/2"	10"
1	25	21"	21"	3"	8"	32	24"	24"	3"	10"
0	21	21"	21"	3-1/2"	8"	27	24"	24"	3-1/2"	10"
00	17	21"	21"	3-1/2"	8"	22	24"	24"	3-1/2"	10"
000	14	21"	21"	4"	8"	18	24"	24"	4"	10"
0000	12	21"	21"	4"	8"	15	24"	24"	4"	10"
250	10	21"	21"	4-1/2"	8"	12	24"	24"	4-1/2"	10"
300	8	21"	21"	5"	8"	11	24"	24"	5"	10"
350	7	21"	21"	5"	8"	9	24"	24"	5"	10"
400	6	21"	21"	6"	8"	8	24"	24"	6"	10"
500	5	21"	21"	6"	8"	7	24"	24"	6"	10"
600	4	21"	21"	8"	8"	5	24"	24"	8"	10"
700	4	21"	21"	8"	8"	5	24"	24"	8"	10"
750	3	21"	21"	8"	8"	4	24"	24"	8"	10"
800	3	21"	21"	8"	8"	4	24"	24"	8"	10"
900	3	21"	21"	8"	8"	4	24"	24"	8"	10"
1000	-	-	-	-	-	3	24"	24"	10"	10"

① NEC 314.28(A). Limited to minimum #4 wire. *② NEC Chapter 9, Table 3B.* *③ NEC 314.28(A)(2) This is 6 times conduit trade size.*
④ NEC 314.28(A)(2) Exception (312.6(B) Table). This is distance "A" bending space illustrated on preceding page.

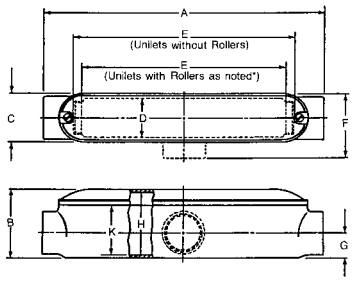
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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

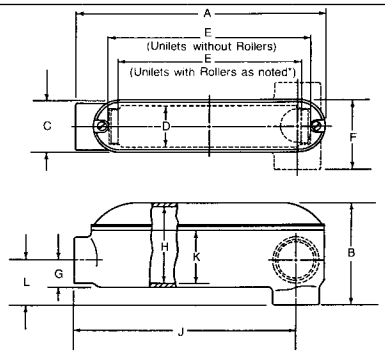
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NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Types C, T



Types LB, LL, LR

Type Mogul	Hub Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	F	G	H	J	K	Number of Cover Holes
C	1	249.2 (9.81)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	–	23.9 (0.94)	62.0 (2.44)	–	47.8 (1.88)	2
	1-1/4 ①	304.8 (12.00)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	195.3 (7.69)	–	29.5 (1.16)	76.2 (3.00)	–	55.6 (2.19)	2
	1-1/2 ①	354.1 (13.94)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	–	35.1 (1.38)	85.9 (3.38)	–	65.0 (2.56)	2
	2 ①	455.7 (17.94)	112.8 (4.44)	79.5 (3.13)	63.5 (2.50)	330.2 (13.00)	–	41.4 (1.63)	101.6 (4.00)	–	80.8 (3.18)	2
	2-1/2 ①	590.6 (23.25)	130.3 (5.13)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	–	46.0 (1.81)	117.6 (4.63)	–	92.2 (3.63)	4
	3 ①	682.8 (26.88)	150.9 (5.94)	117.6 (4.63)	92.2 (3.63)	533.4 (21.00)	–	54.9 (2.16)	138.2 (5.44)	–	111.3 (4.38)	4
	3-1/2 ①	797.1 (31.38)	182.6 (7.19)	143.0 (5.63)	114.3 (4.50)	633.5 (24.94)	–	63.5 (2.50)	169.9 (6.69)	–	124.0 (4.88)	4
	4 ①	898.7 (35.38)	192.0 (7.56)	143.0 (5.63)	114.3 (4.50)	735.1 (28.94)	–	69.9 (2.75)	179.3 (7.06)	–	133.4 (5.25)	4
T	1	249.2 (9.81)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	82.6 (3.25)	23.9 (0.94)	62.0 (2.44)	–	47.8 (1.88)	2
	1-1/4	304.8 (12.00)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	217.4 (8.56)	85.9 (3.38)	29.5 (1.16)	76.2 (3.00)	–	55.6 (2.19)	2
	1-1/2	354.1 (13.94)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	263.7 (10.38)	104.9 (4.13)	35.1 (1.38)	85.9 (3.38)	–	65.0 (2.56)	2
	2	455.7 (17.94)	112.8 (4.44)	79.5 (3.13)	63.5 (2.50)	358.9 (14.13)	104.9 (4.13)	41.4 (1.63)	101.6 (4.00)	–	80.8 (3.18)	2
	2-1/2	590.6 (23.25)	130.3 (5.13)	117.6 (4.63)	95.3 (3.75)	474.7 (18.69)	152.4 (6.00)	46.0 (1.81)	117.6 (4.63)	–	92.2 (3.63)	4
	3	682.8 (26.88)	150.9 (5.94)	117.6 (4.63)	92.2 (3.63)	563.6 (22.19)	152.4 (6.00)	54.9 (2.16)	138.2 (5.44)	–	111.3 (4.38)	4
	3-1/2	797.1 (31.38)	182.6 (7.19)	143.0 (5.63)	114.3 (4.50)	665.2 (26.19)	184.2 (7.25)	63.5 (2.50)	169.9 (6.69)	–	124.0 (4.88)	4
	4	898.7 (35.38)	192.0 (7.56)	143.0 (5.63)	114.3 (4.50)	766.8 (30.19)	184.2 (7.25)	69.9 (2.75)	179.3 (7.06)	–	133.4 (5.25)	4
LL, LR	1	227.1 (8.94)	69.9 (2.75)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	82.6 (3.25)	23.9 (0.94)	62.0 (2.44)	200.2 (7.88)	47.8 (1.88)	2
	1-1/4	246.1 (9.69)	84.1 (3.31)	60.5 (2.38)	47.8 (1.88)	184.2 (7.25)	85.9 (3.38)	29.5 (1.16)	76.2 (3.00)	215.9 (8.50)	55.6 (2.19)	2
	1-1/2	330.2 (13.00)	95.3 (3.75)	79.5 (3.13)	63.5 (2.50)	263.7 (10.38)	104.9 (4.13)	35.1 (1.38)	85.9 (3.38)	295.4 (11.63)	65.0 (2.56)	2
	2	371.6 (14.63)	127.0 (5.00)	79.5 (3.13)	63.5 (2.50)	300.0 (11.81)	104.9 (4.13)	41.4 (1.63)	115.8 (4.56)	328.7 (12.94)	87.4 (3.44)	2

① *Furnished with rollers for easier cable pulling.*

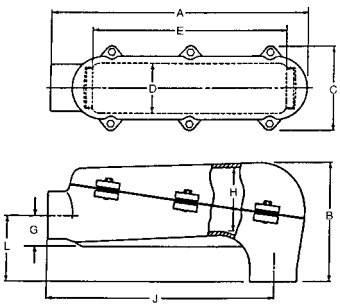
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NEC 6x8x C, LB, UB, LL, LR and T Mogul Conduit Outlet Bodies, Covers and Gaskets

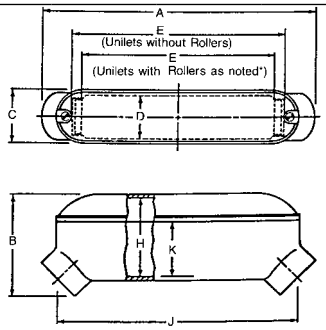
For use with Threaded Rigid Metal Conduit and IMC. Complete with Assembled Cover and Neoprene Gasket.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensions in Millimeters (Inches)



Type LB – 2-1/2" thru 4"



Type UB

Type Mogul	Hub Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	G	H	J	K	L	Number of Cover Holes
LB	1	227.1 (8.94)	92.2 (3.63)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	23.9 (0.94)	62.0 (2.44)	200.2 (7.88)	47.8 (1.88)	47.8 (1.88)	2
	1-1/4 ①	246.1 (9.69)	120.7 (4.75)	60.5 (2.38)	47.8 (1.88)	160.3 (6.31)	29.5 (1.16)	87.4 (3.44)	215.9 (8.50)	66.8 (2.63)	54.9 (2.16)	2
	1-1/2 ①	330.2 (13.00)	133.4 (5.25)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	35.1 (1.38)	100.1 (3.94)	295.4 (11.63)	77.7 (3.06)	60.5 (2.38)	2
	2 ①	371.6 (14.63)	160.3 (6.31)	79.5 (3.13)	63.5 (2.50)	273.1 (10.75)	41.4 (1.63)	124.0 (4.88)	328.7 (12.94)	87.4 (3.44)	68.3 (2.69)	2
	2-1/2 ①	454.2 (17.88)	203.2 (8.00)	149.4 (5.88)	88.9 (3.50)	349.3 (13.75)	54.1 (2.13)	104.9 (4.13)	401.6 (15.81)	–	115.8 (4.56)	6
	3 ①	534.9 (21.06)	254.0 (10.00)	149.4 (5.88)	88.9 (3.50)	431.8 (17.00)	63.5 (2.50)	130.3 (5.13)	469.9 (18.50)	–	136.7 (5.38)	6
	3-1/2 ①	617.5 (24.31)	260.4 (10.25)	177.8 (7.00)	117.6 (4.63)	505.0 (19.88)	76.2 (3.00)	120.7 (4.75)	543.1 (21.38)	–	168.4 (6.63)	6
	4 ①	698.5 (27.50)	317.5 (12.50)	177.8 (7.00)	117.6 (4.63)	584.2 (23.00)	82.6 (3.25)	162.1 (6.38)	619.3 (24.38)	–	177.8 (7.00)	6
UB	1	244.6 (9.63)	88.9 (3.50)	60.5 (2.38)	47.8 (1.88)	168.4 (6.63)	–	62.0 (2.44)	214.4 (8.44)	47.8 (1.88)	–	2
	1-1/4 ①	260.4 (10.25)	104.9 (4.13)	60.5 (2.38)	47.8 (1.88)	160.3 (6.31)	–	76.2 (3.00)	227.1 (8.94)	55.6 (2.19)	–	2
	1-1/2 ①	347.7 (13.69)	117.6 (4.63)	79.5 (3.13)	63.5 (2.50)	236.5 (9.31)	–	85.9 (3.38)	309.6 (12.19)	65.0 (2.56)	–	2
	2 ①	387.4 (15.25)	127.0 (5.00)	79.5 (3.13)	63.5 (2.50)	273.1 (10.75)	–	115.8 (4.56)	339.9 (13.38)	80.8 (3.18)	–	2
	2-1/2 ①	581.2 (22.88)	179.3 (7.06)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	–	138.2 (5.44)	511.3 (20.13)	111.3 (4.38)	–	4
	3 ①	581.2 (22.88)	185.7 (7.31)	117.6 (4.63)	95.3 (3.75)	444.5 (17.50)	–	173.0 (6.81)	511.3 (20.13)	111.3 (4.38)	–	4
	3-1/2 ①	784.4 (30.88)	261.9 (10.31)	143.0 (5.63)	114.3 (4.50)	632.0 (24.88)	–	214.4 (8.44)	698.5 (27.50)	133.4 (5.25)	–	4
	4 ①	784.4 (30.88)	261.9 (10.31)	143.0 (5.63)	114.3 (4.50)	632.0 (24.88)	–	214.4 (8.44)	698.5 (27.50)	133.4 (5.25)	–	4

① *Furnished with rollers for easier cable pulling.*

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Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- To provide access to large and heavy conductors for pulling, splicing, maintenance and future changes / upgrades
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Malleable iron
- Chromate
- Copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene
- Cover screws: stainless steel

Standard Finishes

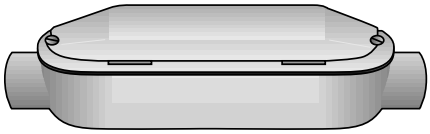
- Zinc electroplated
- Epoxy powder coat

Options

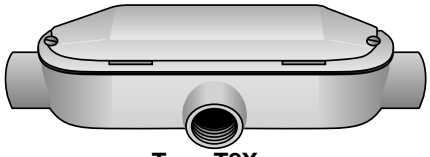
- For additional corrosion protection, specify Hot Dip Galvanized: add suffix **-G** to Malleable Iron Catalog Number.

NEC/CEC Certifications and Compliances

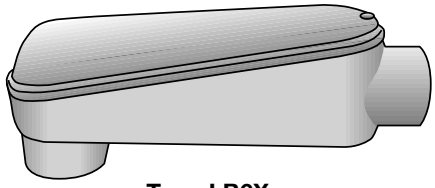
- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Suitable for wet locations when used with gasketed covers.
- Fed Spec: A-A-50563
- NEMA: FB-1, FB-2.10



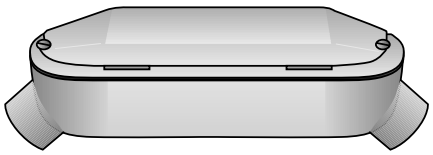
Type C8X



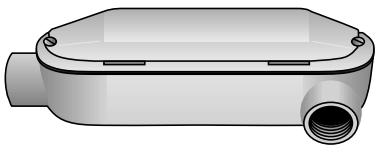
Type T8X



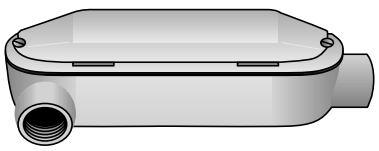
Type LB6X



Type UB6X



Type LL6X



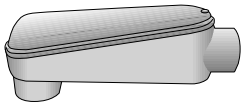
Type LR6X

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Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	C8X			LB6X		
	Max. Wire Fill	Malleable Iron	Aluminum	Max. Wire Fill	Malleable Iron	Aluminum
						
1	(3) # 2	**C8X-100M**	**C8X-100MA**	(3) # 2	**LB6X-100M**	**LB6X-100MA**
1-1/4	(3) # 1/0	**C8X-125M** ①	**C8X-125MA** ①	(3) # 1/0	**LB6X-125M** ①	**LB6X-125MA**①
1-1/2	(3) # 3/0	**C8X-150M** ①	**C8X-150MA** ①	(3) # 3/0	**LB6X-150M** ①	**LB6X-150MA**①
2	(3) 300	**C8X-200M** ①	**C8X-200MA** ①	(3) 300	**LB6X-200M** ①	**LB6X-200MA**①
2-1/2	(3) 400	**C8X-250M** ①	**C8X-250MA** ①	(3) 400	**LB6X-250M** ①	**LB6X-250MA**①
3	(3) 700	**C8X-300M** ①	**C8X-300MA** ①	(3) 700	**LB6X-300M** ①	**LB6X-300MA**①
3-1/2	(3) 900	**C8X-350M** ①	**C8X-350MA** ①	(3) 900	**LB6X-350M** ①	**LB6X-350MA**①
4	(3) 1000	**C8X-400M** ①	**C8X-400MA** ①	(3) 1000	**LB6X-400M** ①	**LB6X-400MA**①

Trade Size (Inches)	LL6X		
	Max. Wire Fill	Malleable Iron	Aluminum
			
1	(3) # 4	**LL6X-100M**	**LL6X-100MA**
1-1/4	(3) # 2	**LL6X-125M**	**LL6X-125MA**
1-1/2	(3) # 1/0	**LL6X-150M**	**LL6X-150MA**
2	(3) # 4/0	**LL6X-200M**	**LL6X-200MA**
2-1/2	—	—	—
3	—	—	—
3-1/2	—	—	—
4	—	—	—

① *Furnished with rollers for easier cable pulling.*

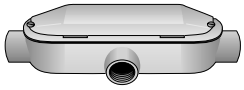
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EMERSON

Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	LR6X			T8X		
	Max. Wire Fill	Malleable Iron	Aluminum	Max. Wire Fill	Malleable Iron	Aluminum
						
1	(3) # 4	**LR6X-100M**	**LR6X-100MA**	(3) # 4	**T8X-100M**	**T8X-100MA**
1-1/4	(3) # 2	**LR6X-125M**	**LR6X-125MA**	(3) # 2	**T8X-125M**	**T8X-125MA**
1-1/2	(3) #1/0	**LR6X-150M**	**LR6X-150MA**	(3) #1/0	**T8X-150M**	**T8X-150MA**
2	(3) # 4/0	**LR6X-200M**	**LR6X-200MA**	(3) # 4/0	**T8X-200M**	**T8X-200MA**
2-1/2	—	—	—	(3) 300	**T8X-250M**	**T8X-250MA**
3	—	—	—	(3) 350	**T8X-300M**	**T8X-300MA**
3-1/2	—	—	—	(3) 350	**T8X-350M**	**T8X-350MA**
4	—	—	—	(3) 350	**T8X-400M**	**T8X-400MA**

Trade Size (Inches)	UB6X		
	Max. Wire Fill	Malleable Iron	Aluminum
			
1	(3) # 2	**UB6X-100M**	**UB6X-100MA**
1-1/4	(3) # 1/0	**UB6X-125M**①	**UB6X-125MA**①
1-1/2	(3) # 3/0	**UB6X-150M**①	**UB6X-150MA**①
2	(3) 300	**UB6X-200M**①	**UB6X-200MA**①
2-1/2	(3) 400	**UB6X-250M**①	**UB6X-250MA**①
3	(3) 700	**UB6X-300M**①	**UB6X-300MA**①
3-1/2	(3) 900	**UB6X-350M**①	**UB6X-350MA**①
4	(3) 1000	**UB6X-400M**①	**UB6X-400MA**①

① *Furnished with rollers for easier cable pulling.*

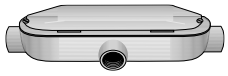
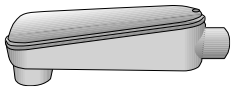
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Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Replacement Gaskets and Covers/Gasket Assemblies

Used With	Trade Size (Inches)	Gasket Only	Cover, Gasket and Cover Screws		No. of Screws		
			Malleable Iron	Aluminum			
C8X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGC125	MKGC125-M	MKGC125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGC200	MKGC200-M	MKGC200-A	2		
	2-1/2	MGC250	MKGC250-M	MKGC250-A	4	2–1/2" – 4"	
	3	MGC300	MKGC300-M	MKGC300-A	4		
	3-1/2	MGC350	MKGC350-M	MKGC350-A	4		
	4	MGC400	MKGC400-M	MKGC400-A	4		Type C8X
T8X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGC125	MKGC125-M	MKGC125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGC200	MKGC200-M	MKGC200-A	2		
	2-1/2	MGC250	MKGC250-M	MKGC250-A	4	2–1/2" – 4"	
	3	MGC300	MKGC300-M	MKGC300-A	4		
	3-1/2	MGC350	MKGC350-M	MKGC350-A	4		
	4	MGC400	MKGC400-M	MKGC400-A	4		Type T8X
LB6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2		
	2-1/2	MGL250	MKGL250-M	MKGL250-A	6	2–1/2" – 4"	
	3	MGL300	MKGL300-M	MKGL300-A	6		
	3-1/2	MGL350	MKGL350-M	MKGL350-A	6		
	4	MGL400	MKGL400-M	MKGL400-A	6		Type LB6X
UB6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2		
	2-1/2	MGL250	MKGC250-M	MKGC250-A	4	2–1/2" – 4"	
	3	MGL300	MKGU300-M	MKGU300-A	4		
	3-1/2	MGL350	MKGC350-M	MKGC350-A	4		
	4	MGL400	MKGU400-M	MKGU400-A	4		Type UB6X
LL6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2		Type LL6X
LR6X Series	1	MG100	MKG100-M	MKG100-A	2	1" – 2"	
	1-1/4	MGL125	MKGL125-M	MKGL125-A	2		
	1-1/2	MG150	MKG150-M	MKG150-A	2		
	2	MGL200	MKGL200-M	MKGL200-A	2		Type LR6X

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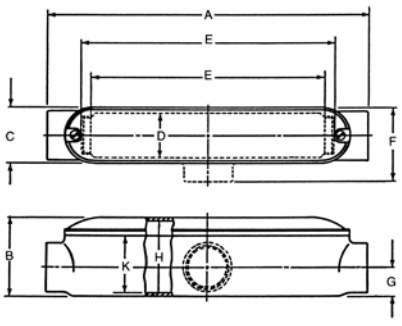
Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

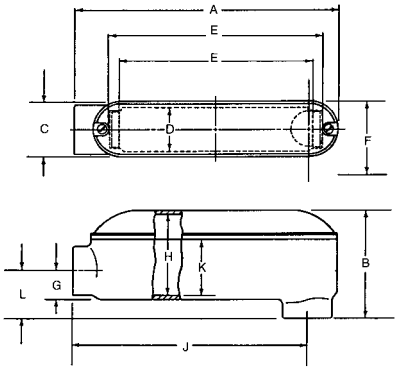
NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensional Data

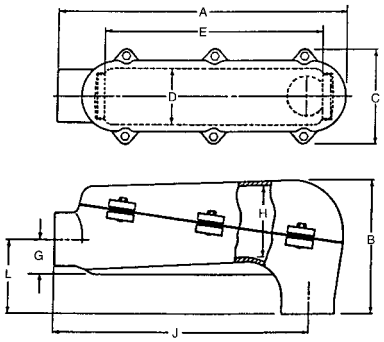
Mogul Types C, T, and LB



Types C and T



Type LB (1" to 2")



Type LB (2–1/2" thru 4")

			Dimensions in Millimeters (Inches)										
Type Mogul	Trade Size (Inches)	Cubic Inch Capacity	A	B	C	D	E	F	G	H	J	K	L
C	1	31	249.17 (9.81)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	—	23.88 (0.94)	61.98 (2.44)	—	47.75 (1.88)	—
	1-1/4 ①	50	304.80 (12.00)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	195.33 (7.69)	—	29.46 (1.16)	76.20 (3.00)	—	55.63 (2.19)	—
	1-1/2 ①	93	354.08 (13.94)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	—	35.05 (1.38)	85.85 (3.38)	—	65.02 (2.56)	—
	2 ①	143	455.68 (17.94)	112.78 (4.44)	79.50 (3.13)	63.50 (2.50)	330.20 (13.00)	—	41.40 (1.63)	101.60 (4.00)	—	80.77 (3.18)	—
	2-1/2 ①	335	590.55 (23.25)	130.30 (5.13)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	—	45.97 (1.81)	117.60 (4.63)	—	92.20 (3.63)	—
	3 ①	475	682.75 (26.88)	150.88 (5.94)	117.60 (4.63)	92.20 (3.63)	533.40 (21.00)	—	54.86 (2.16)	138.18 (5.44)	—	111.25 (4.38)	—
	3-1/2 ①	830	797.05 (31.38)	182.63 (7.19)	143.00 (5.63)	114.30 (4.50)	633.48 (24.94)	—	63.50 (2.50)	169.93 (6.69)	—	123.95 (4.88)	—
	4 ①	1010	898.65 (35.38)	192.02 (7.56)	143.00 (5.63)	114.30 (4.50)	735.08 (28.94)	—	69.85 (2.75)	179.32 (7.06)	—	133.35 (5.25)	—
T	1	31	249.17 (9.81)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	82.55 (3.25)	23.88 (0.94)	61.98 (2.44)	—	47.75 (1.88)	—
	1-1/4	50	304.80 (12.00)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	217.42 (8.56)	85.85 (3.38)	29.46 (1.16)	76.20 (3.00)	—	55.63 (2.19)	—
	1-1/2	93	354.08 (13.94)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	263.65 (10.38)	104.90 (4.13)	35.05 (1.38)	85.85 (3.38)	—	65.02 (2.56)	—
	2	143	455.68 (17.94)	112.78 (4.44)	79.50 (3.13)	63.50 (2.50)	358.90 (14.13)	104.90 (4.13)	41.40 (1.63)	101.60 (4.00)	—	80.77 (3.18)	—
	2-1/2	335	590.55 (23.25)	130.30 (5.13)	117.60 (4.63)	95.25 (3.75)	474.73 (18.69)	152.40 (6.00)	45.97 (1.81)	117.60 (4.63)	—	92.20 (3.63)	—
	3	475	682.75 (26.88)	150.88 (5.94)	117.60 (4.63)	92.20 (3.63)	563.63 (22.19)	152.40 (6.00)	54.86 (2.16)	138.18 (5.44)	—	111.25 (4.38)	—
	3-1/2	830	797.05 (31.38)	182.63 (7.19)	143.00 (5.63)	114.30 (4.50)	665.23 (26.19)	184.15 (7.25)	63.50 (2.50)	169.93 (6.69)	—	123.95 (4.88)	—
	4	1010	898.65 (35.38)	192.02 (7.56)	143.00 (5.63)	114.30 (4.50)	766.83 (30.19)	184.15 (7.25)	69.85 (2.75)	179.32 (7.06)	—	133.35 (5.25)	—
LB	1	31	227.08 (8.94)	92.20 (3.63)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	—	23.88 (0.94)	61.98 (2.44)	200.15 (7.88)	47.75 (1.88)	47.75 (1.88)
	1-1/4 ①	48	246.13 (9.69)	120.65 (4.75)	60.45 (2.38)	47.75 (1.88)	160.27 (6.31)	—	29.46 (1.16)	87.38 (3.44)	215.90 (8.5)	66.80 (2.63)	54.86 (2.16)
	1-1/2 ①	107	330.20 (13.00)	133.35 (5.25)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	—	35.05 (1.38)	100.08 (3.94)	295.40 (11.63)	77.72 (3.06)	60.45 (2.38)
	2 ①	145	371.60 (14.63)	160.27 (6.31)	79.50 (3.13)	63.50 (2.50)	273.05 (10.75)	—	41.40 (1.63)	123.95 (4.88)	328.68 (12.94)	87.38 (3.44)	68.33 (2.69)
	2-1/2 ①	210	454.15 (17.88)	203.20 (8.00)	149.35 (5.88)	88.90 (3.50)	349.25 (13.75)	—	54.10 (2.13)	104.90 (4.13)	401.57 (15.81)	—	115.82 (4.56)
	3 ①	345	534.92 (21.06)	254.00 (10.00)	149.35 (5.88)	88.90 (3.50)	431.80 (17.00)	—	63.50 (2.50)	130.30 (5.13)	469.90 (18.5)	—	136.65 (5.38)
	3-1/2 ①	500	617.47 (24.31)	260.35 (10.25)	177.80 (7.00)	117.60 (4.63)	504.95 (19.88)	—	76.20 (3.00)	120.65 (4.75)	543.05 (21.38)	—	168.40 (6.63)
	4 ①	740	698.50 (27.50)	317.50 (12.50)	177.80 (7.00)	117.60 (4.63)	584.20 (23.00)	—	82.55 (3.25)	162.05 (6.38)	619.25 (24.38)	—	177.80 (7.00)

① *Furnished with rollers for easier cable pulling.*

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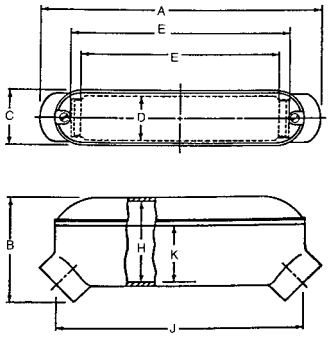
Mogul Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

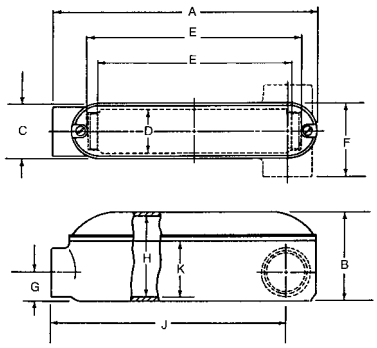
NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Dimensional Data

Mogul Types UB, LL, and LR



Types UB



Types LL and LR

Type Mogul	Trade Size (Inches)	Cubic Inch Capacity	Dimensions in Millimeters (Inches)										
			A	B	C	D	E	F	G	H	J	K	L
UB	1	31	244.60 (9.63)	88.90 (3.50)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	–	–	61.98 (2.44)	214.38 (8.44)	47.75 (1.88)	–
	1-1/4 ①	40	260.35 (10.25)	104.90 (4.13)	60.45 (2.38)	47.75 (1.88)	160.27 (6.31)	–	–	76.20 (3.00)	227.08 (8.94)	55.63 (2.19)	–
	1-1/2 ①	91	347.73 (13.69)	117.60 (4.63)	79.50 (3.13)	63.50 (2.50)	236.47 (9.31)	–	–	85.85 (3.38)	309.63 (12.19)	65.02 (2.56)	–
	2 ①	134	387.35 (15.25)	127.00 (5.00)	79.50 (3.13)	63.50 (2.50)	273.05 (10.75)	–	–	115.82 (4.56)	339.85 (13.38)	80.77 (3.18)	–
	2-1/2 ①	375	581.15 (22.88)	179.32 (7.06)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	–	–	138.18 (5.44)	511.30 (20.13)	111.25 (4.38)	–
	3 ①	445	581.15 (22.88)	185.67 (7.31)	117.60 (4.63)	95.25 (3.75)	444.50 (17.50)	–	–	172.97 (6.81)	511.30 (20.13)	111.25 (4.38)	–
	3-1/2 ①	840	784.35 (30.88)	227.08 (8.94)	143.00 (5.63)	114.30 (4.50)	631.95 (24.88)	–	–	179.32 (7.06)	698.50 (27.50)	133.35 (5.25)	–
	4 ①	960	784.35 (30.88)	261.87 (10.31)	143.00 (5.63)	114.30 (4.50)	631.95 (24.88)	–	–	214.38 (8.44)	698.50 (27.50)	133.35 (5.25)	–
LL, LR	1	31	227.08 (8.94)	69.85 (2.75)	60.45 (2.38)	47.75 (1.88)	168.40 (6.63)	82.55 (3.25)	23.88 (0.94)	61.98 (2.44)	200.15 (7.88)	47.75 (1.88)	–
	1-1/4	42	246.13 (9.69)	84.07 (3.31)	60.45 (2.38)	47.75 (1.88)	184.15 (7.25)	85.85 (3.38)	29.46 (1.16)	76.20 (3.00)	215.90 (8.50)	55.63 (2.19)	–
	1-1/2	93	330.20 (13.00)	95.25 (3.75)	79.50 (3.13)	63.50 (2.50)	263.65 (10.38)	104.90 (4.13)	35.05 (1.38)	85.85 (3.38)	295.40 (11.63)	65.02 (2.56)	–
	2	134	371.60 (14.63)	127.00 (5.00)	79.50 (3.13)	63.50 (2.50)	299.97 (11.81)	104.90 (4.13)	41.40 (1.63)	115.82 (4.56)	328.68 (12.94)	87.38 (3.44)	–

① *Furnished with rollers for easier cable pulling.*

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LBD and LBDN Pulling Fittings

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Cover and Gasket.

NEC/CEC:
Listed for Ordinary Locations

Features

- Serve as pulling fittings — ideal for heavy, difficult to bend conductors.
- Make 90° bends in conduit — straight pull through hubs in either direction.
- Use as service entrance fitting.
- Complete with gasketed covers.

Standard Materials

- Unilets™ and covers: malleable iron or copperfree (4/10 of 1% max.) aluminum
- LBD gasket: composition fiber
- LBDN gasket: neoprene

Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

Options

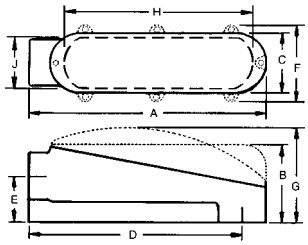
- PVC coating available. Add suffix **-PVC** to catalog number.

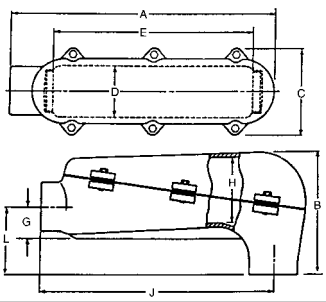
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 30
- CSA Certified: 065183

		Type	Hub Size (Inches)	Wiring Capacity dm^3 (in^3)	Catalog Number Malleable Iron	Catalog Number Aluminum
	**1/2" through 1"**	LBD	1/2	0.07 (4.00)	**LBD50-M**	—
			3/4	0.13 (8.00)	**LBD75-M**	—
			1	0.20 (12.00)	**LBD100-M**	—
	**1–1/4" through 2"**	LBD	1-1/4	0.61 (37.00)	**LBD125-M**	**LBD125-A**
			1-1/2	1.08 (66.00)	**LBD150-M**	**LBD150-A**
			2	1.33 (81.00)	**LBD200-M**	**LBD200-A**
	**2–1/2" through 4"**	LBDN	2-1/2	3.44 (210.00)	**LBDN250-M**	**LBDN250-A**
			3	5.65 (345.00)	**LBDN300-M**	**LBDN300-A**
			3-1/2	8.19 (500.00)	**LBDN350-M**	**LBDN350-A**
			4	12.13 (740.00)	**LBDN400-M**	**LBDN400-A**

Dimensions in Millimeters (Inches)

LBD Series	Hub Trade Size (Inches)	A	B	C	D	E	F	G	H	J
	1/2	127.0 (5.00)	55.6 (2.19)	33.3 (1.31)	111.3 (4.38)	31.8 (1.25)	–	–	90.4 (3.56)	23.9 (0.94)
	3/4	157.2 (6.19)	63.5 (2.50)	38.1 (1.50)	139.7 (5.50)	36.6 (1.44)	–	–	120.7 (4.75)	28.7 (1.13)
	1	162.1 (6.38)	68.3 (2.69)	44.5 (1.75)	139.7 (5.50)	42.9 (1.69)	–	–	125.5 (4.94)	1.38 (35.1)
	1-1/4	215.9 (8.50)	–	66.8 (2.63)	190.5 (7.50)	54.1 (2.13)	85.9 (3.38)	120.7 (4.75)	182.6 (7.19)	2.00 (50.8)
	1-1/2	311.2 (12.25)	–	79.5 (3.13)	277.9 (10.94)	58.7 (2.31)	104.9 (4.13)	124.0 (4.88)	270.0 (10.63)	2.56 (65.0)
	2	316.0 (12.44)	–	79.5 (3.13)	277.9 (10.94)	69.9 (2.75)	104.9 (4.13)	133.4 (5.25)	270.0 (10.63)	2.56 (65.0)

LBDN Series	Hub Trade Size (Inches)	A	B	C	D	E	G	H	J	L
	2-1/2	454.2 (17.88)	203.2 (8.00)	149.4 (5.88)	88.9 (3.50)	349.3 (13.75)	54.1 (2.13)	104.9 (4.13)	401.6 (15.81)	115.8 (4.56)
	3	534.9 (21.06)	254.0 (10.00)	149.4 (5.88)	88.9 (3.50)	431.8 (17.00)	63.5 (2.50)	130.3 (5.13)	469.9 (18.50)	136.7 (5.38)
	3-1/2	617.5 (24.31)	260.4 (10.25)	177.8 (7.00)	117.6 (4.63)	505.0 (19.88)	76.2 (3.00)	120.7 (4.75)	543.1 (21.38)	168.4 (6.63)
	4	698.5 (27.50)	317.5 (12.50)	177.8 (7.00)	117.6 (4.63)	584.2 (23.00)	82.6 (3.25)	162.1 (6.38)	619.3 (24.38)	177.8 (7.00)

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Pull Boxes with Threaded Hubs and Covers

For use with Threaded Rigid Metal Conduit and IMC.

NEC:
Listed for Ordinary Locations

Applications

- Serve as pulling fittings.
- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

Features

- Roomy interiors, more wiring space.
- Accurately tapped, tapered threads (NPT) for tight, rigid joints and ground continuity.

Standard Materials

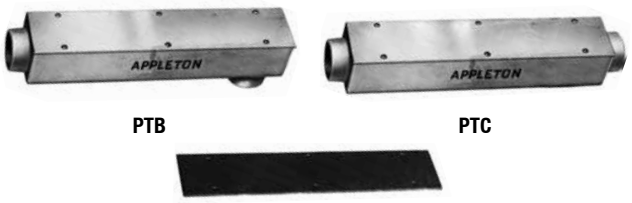
- Bodies and covers: steel
- Hubs: malleable iron or steel
- Cover bolts: trade sizes 1/2" thru 1-1/2" are zinc plated; trade sizes 2" thru 6" are brass

Standard Finish

- Zinc electroplate, chromate and epoxy powder coat.

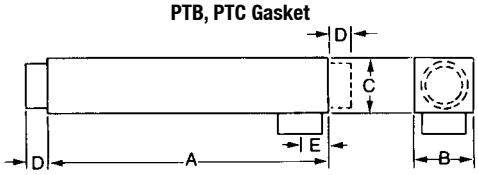
NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527



PTB PTC

PTB, PTC Gasket



Catalog Numbers		Gaskets for	Hub Size	Pull Box Dimensions (Millimeters (Inches))				
Straight PTC Box	90° PTB Box	PTC and PTB	(Inches)	A	B	C	D	E
12-inch								
1200	**1250**	**GK-12-100**	1	304.8 (12.00)	55.6 (2.19)	54.1 (2.13)	21.3 (0.84)	23.9 (0.94)
1201	**1251**	**GK-12-150**	1-1/4	304.8 (12.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	29.5 (1.16)
1202	**1252**	**GK-12-150**	1-1/2	304.8 (12.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1203	**1253**	**GK-12-200**	2	304.8 (12.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
18-inch								
1211	—	**GK-18-150**	1-1/4	457.2 (18.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	29.5 (1.16)
1212	—	**GK-18-150**	1-1/2	457.2 (18.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1213	—	**GK-18-200**	2	457.2 (18.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
1214	—	**GK-18-250**	2-1/2	457.2 (18.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
24-inch								
1222	**1272**	**GK-24-150**	1-1/2	609.6 (24.00)	63.5 (2.50)	62.0 (2.44)	26.9 (1.06)	35.1 (1.38)
1223	**1273**	**GK-24-200**	2	609.6 (24.00)	84.8 (3.34)	84.1 (3.31)	33.3 (1.31)	42.9 (1.69)
1224	**1274**	**GK-24-300**	2-1/2	609.6 (24.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
1225	**1275**	**GK-24-300**	3	609.6 (24.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
36-inch								
1244	**1294**	**GK-36-300**	2-1/2	914.4 (36.00)	122.2 (4.81)	120.7 (4.75)	40.4 (1.59)	46.0 (1.81)
1245	**1295**	**GK-36-300**	3	914.4 (36.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
1246	**1296**	**GK-36-400**	3-1/2	914.4 (36.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	60.5 (2.38)
1247	**1297**	**GK-36-400**	4	914.4 (36.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	67.6 (2.66)
48-inch								
1812	—	**GK-48-300**	3	1219.2 (48.00)	122.2 (4.81)	120.7 (4.75)	42.2 (1.66)	52.3 (2.06)
1813	—	**GK-48-400**	3-1/2	1219.2 (48.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	60.5 (2.38)
1814	—	**GK-48-400**	4	1219.2 (48.00)	160.3 (6.31)	157.2 (6.19)	48.5 (1.91)	67.6 (2.66)
1815	—	**GK-48-500**	5	1219.2 (48.00)	185.7 (7.31)	182.6 (7.19)	46.7 (1.84)	82.6 (3.25)
1816	—	**GK-48-600**	6	1219.2 (48.00)	211.1 (8.31)	208.0 (8.19)	51.6 (2.03)	102.4 (4.03)

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NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- For threaded rigid conduit or IMC.
- Provides access to the interior of the raceway for wire pulling, splicing and maintenance.

Standard Material/Finish

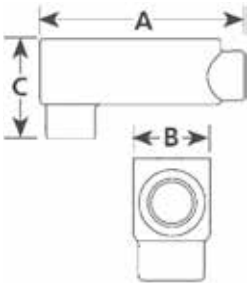
- LM24 Diecast aluminum/epoxy powder coat.

NEC/CEC Certifications and Compliances

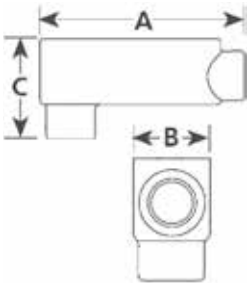
- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Threaded Catalog Number	
LB-50-D	1/2	111.8 (4.40)	33.3 (1.31)	55.9 (2.20)	0.1 (4.30)	—	**LB-50-D**	
	3/4	131.3 (5.17)	38.9 (1.53)	65.0 (2.56)	0.1 (7.30)	3 #6AWG	**LB-75-D**	
	1	147.1 (5.79)	44.2 (1.74)	69.6 (2.74)	0.2 (12.20)	3 #4AWG	**LB-100-D**	
	1-1/4	197.9 (7.79)	63.2 (2.49)	88.9 (3.50)	0.5 (32.30)	3 #2AWG	**LB-125-D**	
	1-1/2	198.4 (7.81)	63.2 (2.49)	92.7 (3.65)	0.6 (33.80)	3 #2AWG	**LB-150-D**	
	2	259.1 (10.20)	78.7 (3.10)	108.2 (4.26)	1.2 (71.20)	3 #3/0AWG	**LB-200-D**	
	2-1/2	333.8 (13.14)	110.0 (4.33)	146.1 (5.75)	2.5 (153.00)	3 #4/0AWG	**LB-250-D**	
	3	333.8 (13.14)	110.0 (4.33)	162.8 (6.41)	3.0 (183.50)	3 #4/0AWG	**LB-300-D**	
	3-1/2	392.7 (15.46)	137.9 (5.43)	180.6 (7.11)	5.0 (304.90)	3 #350MCM	**LB-350-D**	
	4	367.3 (14.46)	137.9 (5.43)	182.9 (7.20)	5.0 (308.00)	3 #350MCM	**LB-400-D**	
LL-50-D	1/2	111.8 (4.40)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	—	**LL-50-D**	
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LL-75-D**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LL-100-D**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	**LL-125-D**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LL-150-D**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LL-200-D**	









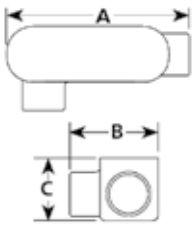
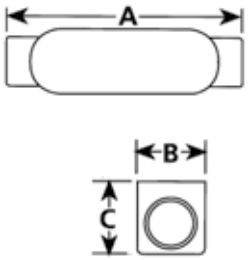
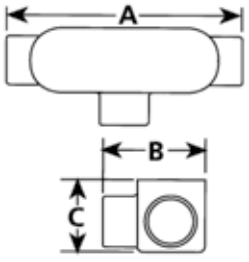
① *Does not apply.*

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NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Threaded Catalog Number	
LR-50-D	1/2	111.8 (4.40)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	—	**LR-50-D**	
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LR-75-D**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LR-100-D**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LR-125-D**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LR-150-D**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LR-200-D**	
LC-50	1/2	122.4 (4.82)	33.3 (1.31)	35.6 (1.40)	0.1 (4.30)	—	**LC-50**	
	3/4	139.7 (5.50)	38.9 (1.53)	41.7 (1.64)	0.1 (7.30)	3 #6AWG	**LC-75**	
	1	163.6 (6.44)	44.2 (1.74)	48.3 (1.90)	0.2 (12.20)	3 #4AWG	**LC-100**	
	1-1/4	214.6 (8.45)	63.2 (2.49)	69.3 (2.73)	0.5 (33.40)	3 #2AWG	**LC-125**	
	1-1/2	0.5 (33.40)	63.2 (2.49)	69.3 (2.73)	0.5 (33.50)	3 #2AWG	**LC-150**	
	2	272.0 (10.71)	78.7 (3.10)	86.6 (3.41)	1.1 (69.50)	3 #4/0AWG	**LC-200**	
TC-50	1/2	122.4 (4.82)	52.3 (2.06)	35.6 (1.40)	0.1 (4.30)	N/A ①	**TC-50**	
	3/4	139.7 (5.50)	57.9 (2.28)	41.7 (1.64)	0.1 (7.30)	3 #6AWG	**TC-75**	
	1	163.6 (6.44)	68.1 (2.68)	48.3 (1.90)	0.2 (12.20)	3 #4AWG	**TC-100**	
	1-1/4	214.6 (8.45)	88.9 (3.50)	69.3 (2.73)	0.5 (33.10)	3 #2AWG	**TC-125**	
	1-1/2	214.6 (8.45)	88.9 (3.50)	69.3 (2.73)	0.5 (33.10)	3 #2AWG	**TC-150**	
	2	272.0 (10.71)	97.3 (3.83)	86.6 (3.41)	1.1 (67.00)	3 #4/0AWG	**TC-200**	

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NEER™ Aluminum Threaded Conduit Bodies, Covers and Gaskets

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Rated for Ordinary Locations

NEC/CEC:
Rated for Ordinary Locations

CC: Aluminum Covers with Screws

Applications

- Cover for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

Standard Material/Finish

- Diecast copper free (4/10 of 1% max.) aluminum/epoxy powder coat

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

FG: Fiber Gaskets

Applications

- Cover gasket to provide sealing for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

Standard Material/Finish

- Fiber

NG: Neoprene Gaskets

Applications

- Cover gasket to provide sealing for LB-D, LR-D, LL-D, LC and TC Series conduit bodies.

Standard Material/Finish

- Neoprene

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number	
CC-50	1/2	99.1 (3.90)	34.8 (1.37)	**CC-50**	
	3/4	119.4 (4.70)	40.6 (1.60)	**CC-75**	
	1	137.2 (5.40)	45.2 (1.78)	**CC-100**	
	1-1/4 and 1-1/2	184.2 (7.25)	64.0 (2.52)	**CC-125**	
	2	241.3 (9.50)	79.0 (3.11)	**CC-200**	
	2-1/2 and 3	308.1 (12.13)	113.0 (4.45)	**CC-250**	
	3-1/2 and 4	379.5 (14.9)	139.7 (5.50)	**CC-400**	
FG-50	1/2	99.1 (3.90)	34.8 (1.37)	**FG-50**	
	3/4	116.8 (4.60)	39.6 (1.56)	**FG-75**	
	1	135.6 (5.34)	43.9 (1.73)	**FG-100**	
	1-1/4 and 1-1/2	184.2 (7.25)	63.8 (2.51)	**FG-125**	
	2	241.3 (9.50)	77.5 (3.05)	**FG-200**	
	2-1/2 and 3	308.1 (12.13)	111.5 (4.39)	**FG-250**	
	3-1/2 and 4	378.0 (14.88)	137.9 (5.43)	**FG-400**	
NG-50	1/2	99.1 (3.90)	34.8 (1.37)	**NG-50**	
	3/4	116.8 (4.60)	39.6 (1.56)	**NG-75**	
	1	135.6 (5.34)	43.9 (1.73)	**NG-100**	
	1-1/4 and 1-1/2	184.2 (7.25)	63.8 (2.51)	**NG-125150**	
	2	241.3 (9.50)	77.5 (3.05)	**NG-200**	
	2-1/2 and 3	308.1 (12.1)	111.5 (4.39)	**NG-250300**	
	3-1/2 and 4	378.0 (14.8)	137.9 (5.43)	**NG-350400**	

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NEER™ All–In–One Threaded Conduit Bodies

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- Threaded hubs.
- Packaged complete with cover and gasket under one Catalog Number.
- Ready to use.

Standard Material/Finish

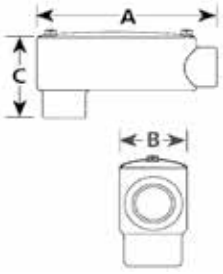
- Conduit body: diecast LM24 aluminum/epoxy powder coat
- Cover: stamped aluminum, natural finish
- Gasket: neoprene

NEC/CEC Certifications and Compliances

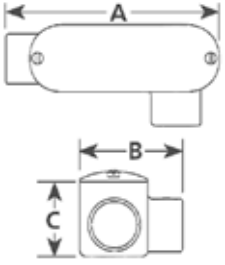
- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Threaded Catalog Number	
LB	1/2	111.8 (4.40)	33.3 (1.31)	62.0 (2.44)	0.1 (4.30)	—	**LB-50DCG**	
	3/4	131.3 (5.17)	38.9 (1.53)	71.1 (2.80)	0.1 (7.30)	3 #6AWG	**LB-75DCG**	
	1	147.1 (5.79)	44.2 (1.74)	75.7 (2.98)	0.2 (12.20)	3 #4AWG	**LB-100DCG**	
	1-1/4	197.9 (7.79)	63.2 (2.49)	95.0 (3.74)	0.5 (32.30)	3 #2AWG	**LB-125DCG**	
	1-1/2	198.4 (7.81)	63.2 (2.49)	98.8 (3.89)	0.6 (33.80)	3 #2AWG	**LB-150DCG**	
	2	259.1 (10.20)	78.7 (3.10)	114.3 (4.50)	1.2 (71.20)	3 #3/0AWG	**LB-200DCG**	
	2-1/2	333.8 (13.14)	110.0 (4.33)	153.2 (6.03)	2.5 (153.00)	3 #4/0AWG	**LB-250DCG**	
	3	333.8 (13.14)	110.0 (4.33)	169.9 (6.69)	3.0 (183.50)	3 #4/0AWG	**LB-300DCG**	
	3-1/2	392.7 (15.46)	137.9 (5.43)	187.7 (7.39)	5.0 (304.90)	3 #350MCM	**LB-350DCG**	
	4	392.7 (15.46)	137.9 (5.43)	190.0 (7.48)	5.0 (308.00)	3 #350MCM	**LB-400DCG**	
LL	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	**LL-50DCG**	
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LL-75DCG**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LL-100DCG**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	**LL-125DCG**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LL-150DCG**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LL-200DCG**	









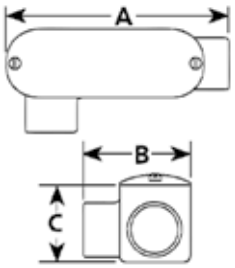
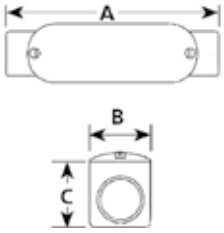
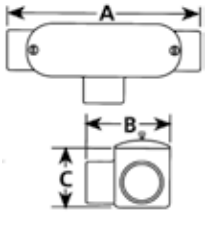
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NEER™ All–In–One Threaded Conduit Bodies

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Threaded Catalog Number	
LR	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	**LR-50DCG**	
	3/4	128.8 (5.07)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LR-75DCG**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LR-100DCG**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LR-125DCG**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.80)	3 #2AWG	**LR-150DCG**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LR-200DCG**	
LC	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.35)	—	**LC-50DCG**	
	3/4	139.7 (5.50)	38.9 (1.53)	47.8 (1.88)	0.1 (7.33)	3 #6AWG	**LC-75DCG**	
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LC-100DCG**	
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	**LC-125DCG**	
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	**LC-150DCG**	
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #4/0AWG	**LC-200DCG**	
LC	1/2	122.4 (4.82)	52.3 (2.06)	41.7 (1.64)	0.1 (4.35)	—	**TC-50DCG**	
	3/4	139.7 (5.50)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**TC-75DCG**	
	1	163.6 (6.44)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**TC-100DCG**	
	1-1/4	214.6 (8.45)	88.9 (3.50)	75.4 (2.97)	0.5 (33.10)	3 #2AWG	**TC-125DCG**	
	1-1/2	214.6 (8.45)	88.9 (3.50)	75.4 (2.97)	0.5 (33.10)	3 #2AWG	**TC-150DCG**	
	2	272.0 (10.71)	97.3 (3.83)	92.7 (3.65)	1.1 (67.00)	3 #4/0AWG	**TC-200DCG**	

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NEER™ All–In–One Multi–Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:
Listed for Ordinary Locations

Applications

- To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades.
- Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features

- 1/2" thru 2" sizes have threaded and set screw hubs (SST).
- 2-1/2“ thru 4” sizes have set screw hub (SS).
- Packaged complete under one catalog number.
- Ready to use.

Standard Material/Finish

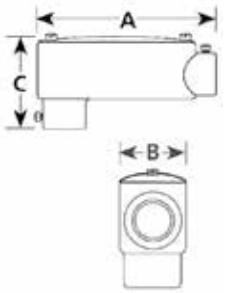
- Conduit body: diecast LM24 aluminum/ epoxy powder coat
- Cover: stamped aluminum, natural finish
- Gasket: neoprene

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Multi–Hub Catalog Number
LB	1/2	111.8 (4.40)	33.3 (1.31)	62.0 (2.44)	0.1 (4.30)	—	**LB-50DCGSST**
	3/4	131.3 (5.17)	38.9 (1.53)	71.1 (2.80)	0.1 (7.30)	3 #6AWG	**LB-75DCGSST**
	1	147.1 (5.79)	44.2 (1.74)	75.7 (2.98)	0.2 (12.20)	3 #4AWG	**LB-100DCGSST**
	1-1/4	197.9 (7.79)	63.2 (2.49)	95.0 (3.74)	0.5 (32.30)	3 #2AWG	**LB-125DCGSST**
	1-1/2	198.4 (7.81)	63.2 (2.49)	98.8 (3.89)	0.6 (33.80)	3 #2AWG	**LB-150DCGSST**
	2	259.1 (10.20)	78.7 (3.10)	114.3 (4.50)	1.2 (71.20)	3 #3/0AWG	**LB-200DCGSST**
	2-1/2	333.8 (13.14)	110.0 (4.33)	153.2 (6.03)	2.5 (153.00)	3 #300kcmil	**LB-250DCGSS**
	3	333.8 (13.14)	110.0 (4.33)	169.9 (6.69)	3.0 (183.50)	3 #350kcmil	**LB-300DCGSS**
	3-1/2	392.7 (15.46)	137.9 (5.43)	187.7 (7.39)	5.0 (304.90)	3 #400kcmil	**LB-350DCGSS**
	4	392.7 (15.46)	137.9 (5.43)	190.0 (7.48)	5.0 (308.00)	3 #400kcmil	**LB-400DCGSS**





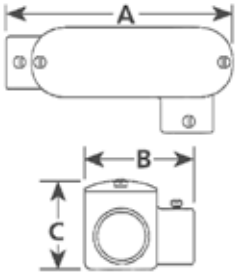
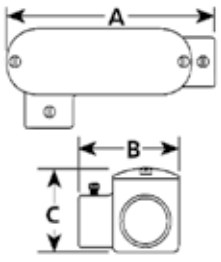
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NEER™ All–In–One Multi–Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:
Listed for Ordinary Locations

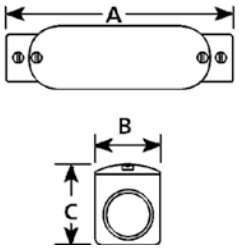
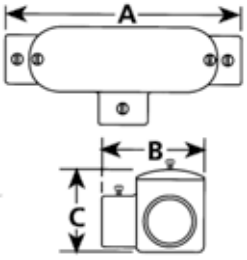
	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Multi–Hub Catalog Number	
LL	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 4.30)	—	**LL-50DCGSST**	
	3/4	128.8 (5.07)	57.4 (2.26)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LL-75DCGSST**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LL-100DCGSST**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.40)	3 #2AWG	**LL-125DCGSST**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.60)	3 #2AWG	**LL-150DCGSST**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LL-200DCGSST**	
	2-1/2	333.8 (13.14)	144.8 (5.70)	108.7 (4.28)	2.6 (158.00)	3 #300kcmil	**LL-250DCGSS**	
	3	333.8 (13.14)	144.8 (5.70)	120.9 (4.76)	3.0 (186.00)	3 #350kcmil	**LL-300DCGSS**	
	3-1/2	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	**LL-350DCGSS**	
	4	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	**LL-400DCGSS**	
LR	1/2	111.8 (4.40)	52.3 (2.06)	41.7 (1.64)	0.1 (4.30)	—	**LR-50DCGSST**	
	3/4	128.8 (5.07)	52.3 (2.06)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LR-75DCGSST**	
	1	150.9 (5.94)	68.1 (2.68)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LR-100DCGSST**	
	1-1/4	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.10)	3 #2AWG	**LR-125DCGSST**	
	1-1/2	199.9 (7.87)	88.9 (3.50)	75.4 (2.97)	0.6 (35.10)	3 #2AWG	**LR-150DCGSST**	
	2	259.1 (10.20)	97.3 (3.83)	92.7 (3.65)	1.1 (69.70)	3 #4/0AWG	**LR-200DCGSST**	
	2-1/2	333.8 (13.14)	144.8 (5.70)	108.7 (4.28)	2.6 (158.00)	3 #300kcmil	**LR-250DCGSS**	
	3	333.8 (13.14)	144.8 (5.70)	120.9 (4.76)	3.0 (186.00)	3 #350kcmil	**LR-300DCGSS**	
	3-1/2	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	**LR-350DCGSS**	
	4	392.7 (15.46)	158.0 (6.22)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	**LR-400DCGSS**	

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NEER™ All–In–One Multi–Hub Threaded and Set Screw Conduit Bodies

For Rigid Conduit, IMC and EMT

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Volume dm^3 (in^3)	Max. No. Conductors	Multi–Hub Catalog Number	
LC	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.30)	—	**LC-50DCGSST**	
	3/4	139.7 (5.5)	38.9 (1.53)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**LC-75DCGSST**	
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**LC-100DCGSST**	
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	**LC-125DCGSST**	
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	**LC-150DCGSST**	
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #3/0AWG	**LC-200DCGSST**	
	2-1/2	351.8 (13.85)	110.0 (4.33)	108.7 (4.28)	2.6 (159.00)	3 #250kcmil	**LC-250DCGSS**	
	3	351.8 (13.85)	110.0 (4.33)	120.9 (4.76)	3.1 (186.50)	3 #250kcmil	**LC-300DCGSS**	
	3-1/2	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (306.00)	3 #350kcmil	**LC-350DCGSS**	
	4	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (308.00)	3 #350kcmil	**LC-400DCGSS**	
TC	1/2	122.4 (4.82)	33.3 (1.31)	41.7 (1.64)	0.1 (4.30)	—	**TC-50DCGSST**	
	3/4	139.7 (5.5)	38.9 (1.53)	47.8 (1.88)	0.1 (7.30)	3 #6AWG	**TC-75DCGSST**	
	1	163.6 (6.44)	44.2 (1.74)	54.4 (2.14)	0.2 (12.20)	3 #4AWG	**TC-100DCGSST**	
	1-1/4	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.40)	3 #2AWG	**TC-125DCGSST**	
	1-1/2	214.6 (8.45)	63.2 (2.49)	75.4 (2.97)	0.5 (33.50)	3 #2AWG	**TC-150DCGSST**	
	2	272.0 (10.71)	78.7 (3.10)	92.7 (3.65)	1.1 (69.50)	3 #4/0AWG	**TC-200DCGSST**	
	2-1/2	351.8 (13.85)	110.0 (4.33)	108.7 (4.28)	2.6 (159.00)	3 #4/0AWG	**TC-250DCGSS**	
	3	351.8 (13.85)	110.0 (4.33)	120.9 (4.76)	3.1 (186.50)	3 #4/0AWG	**TC-300DCGSS**	
	3-1/2	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (306.00)	3 #250kcmil	**TC-350DCGSS**	
	4	405.9 (15.98)	137.9 (5.43)	144.0 (5.67)	5.0 (308.00)	3 #250kcmil	**TC-400DCGSS**	

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NEER™ Aluminum Set Screw Conduit Bodies and Accessories

For EMT

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Rated for Ordinary Locations

LB-SS: Aluminum Conduit Body

Applications

- Set screw type aluminum conduit bodies are used on steel EMT providing access to the interior of the raceway for wire pulling, splicing and maintenance.

Standard Material

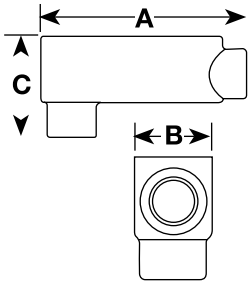
- Diecast aluminum/epoxy powder coat

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



LB–50–SS



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	111.8 (4.40)	33.3 (1.31)	55.9 (2.20)	**LB-50-SS**
3/4	131.3 (5.17)	38.9 (1.53)	65.0 (2.56)	**LB-75-SS**
1	147.1 (5.79)	44.2 (1.74)	69.6 (2.74)	**LB-100-SS**
1-1/4	197.9 (7.79)	63.2 (2.49)	88.9 (3.50)	**LB-125-SS**
1-1/2	198.4 (7.81)	63.2 (2.49)	92.7 (3.65)	**LB-150-SS**
2	259.1 (10.20)	78.7 (3.10)	108.2 (4.26)	**LB-200-SS**

CC: Aluminum Covers

Applications

- Cover with screws for LB-SS Series conduit bodies..

Standard Material

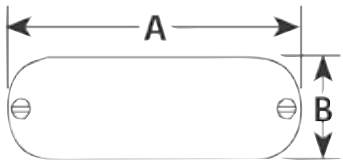
- Diecast LM24 aluminum/epoxy powder coat

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



CC–50



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	98.3 (3.87)	33.8 (1.33)	**CC-50**
3/4	118.1 (4.65)	39.1 (1.54)	**CC-75**
1	136.7 (5.38)	44.7 (1.76)	**CC-100**
1-1/4 and 1-1/2	184.2 (7.25)	63.2 (2.49)	**CC-125**
2	240.0 (9.45)	79.8 (3.14)	**CC-200**

FG: Fiber Gaskets

Applications

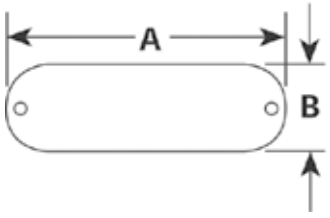
- Cover gasket to provide sealing for LB-SS Series conduit bodies.

Standard Material

- Fiber



FG–50



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	98.6 (3.88)	34.0 (1.34)	**FG-50**
3/4	118.4 (4.66)	39.4 (1.55)	**FG-75**
1	136.9 (5.39)	45.0 (1.77)	**FG-100**
1-1/4 and 1-1/2	184.4 (7.26)	63.5 (2.50)	**FG-125**
2	240.3 (9.46)	80.0 (3.15)	**FG-200**

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EMT Adapters

NEC/CEC:
Rated for Ordinary Locations

Applications

- Adaptors are used to connect non-threaded fittings to threaded fittings.

Features

- Malleable iron clamps are exceptionally rugged and strong.
- Steel adapters offer economy and have integral formed gussets for excellent strength.

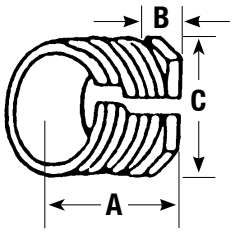
Material/Finish

- Stee/zinc electroplated



TWAD–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
No-Thread to Threaded Fittings — Conversion Adapters — Steel					
1/2	11.2 (0.44)	3.3 (0.13)	25.4 (1.00)	1.00 (2.20)	**TWAD-50**
3/4	12.7 (0.50)	3.3 (0.13)	36.6 (1.44)	1.81 (4.00)	**TWAD-75**
1	6.0 (0.63)	3.3 (0.13)	38.1 (1.50)	2.72 (6.00)	**TWAD-100**
1-1/4	19.1 (0.75)	4.8 (0.19)	50.8 (2.00)	4.99 (11.00)	**TWAD-125**
1-1/2	19.1 (0.75)	4.8 (0.19)	57.2 (2.25)	5.44 (12.00)	**TWAD-150**
2	19.1 (0.75)	6.4 (0.25)	71.4 (2.81)	8.62 (19.00)	**TWAD-200**

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JB Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

Applications

- Serve as pulling fittings.
- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

Features

- Raintight when enclosed and gasketed with hub or blank covers.
- Furnished with internal ground screw.
- Blind cover screw holes prevent conductor damage during installation, provide water-tightness.
- Available in three inside depths: 1-5/16", 2-1/16", and 3-1/8".
- Order with or without mounting lugs.
- Furnished with four tapped holes and two close-up plugs.
- Cushion fixture hangers are enclosed and gasketed.

Standard Materials

- JB conduit outlet boxes and covers and JB fixture hangers: malleable iron
- JB-A boxes and covers: copperfree (4/10 of 1% max.) aluminum
- Gaskets: neoprene

Standard Finishes

- Malleable iron conduit outlet boxes, and hub covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Fixture hangers, JB 1/2" hub and blank covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Aluminum JB conduit outlet boxes: epoxy powder coat

NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

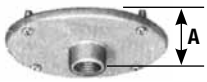
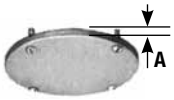
	Description	Hub Size (Inches)	Catalog Number Malleable Iron	Catalog Number Aluminum
JBX — 1-5/16" Inside Depth — Furnished with four tapped openings and two close-up plugs				
	Less mounting lugs	1/2	**JBX-50**	—
		3/4	**JBX-75**	—
		1	**JBX-100**	—
	With mounting lugs	1/2	**JBX-50L**	**JBX50L-A**
		3/4	**JBX-75L**	**JBX75L-A**
		1	**JBX-100L**	—
JBDX — 2-1/16" Inside Depth — Furnished with four tapped openings and two close-up plugs				
	Less mounting lugs	1/2	**JBDX-50**	—
		3/4	**JBDX-75**	—
		1	**JBDX-100**	—
	With mounting lugs	1/2	**JBDX-50L**	—
		3/4	**JBDX-75L**	—
		1	**JBDX-100L**	—
JBLX — 3-1/8" Inside Depth — Furnished with four tapped openings and two close-up plugs				
	With removable mounting lugs	1/2	**JBLX-50L**	**JBLX-50L-A**
		3/4	**JBLX-75L**	**JBLX-75L-A**
		1	**JBLX-100L**	**JBLX-100L-A**

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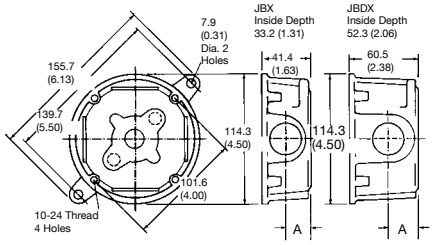
JB Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

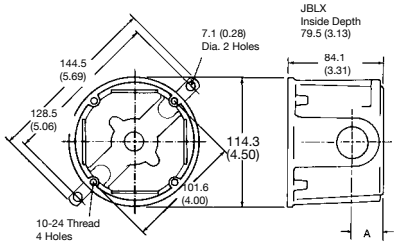
NEC:
Listed for Ordinary Locations

	Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number Malleable Iron	Catalog Number Aluminum
Cast Covers — Furnished with screws — When used with gasket provides raintight fit, supports 113.4 kg (250 lb)					
	Hub Covers	1/2	20.0 (0.75)	**JBK-50**	**JBK-50-A**
		3/4	23.9 (0.94)	**JBK-75**	**JBK-75-A**
	Cover	Blank	4.8 (0.19)	**JBK-B**	**JBK-1B-CA**
Gasket — Neoprene					
		—	—	**JB-GK-N**	**JB-GK-N**
Flexible Fixture Hangers — Furnished with gasket and screws					
	Ball Type — 15° swing in all directions, support 113.4 kg (250 lb)	1/2	65.0 (2.56)	**JBK-50-BS**	—
		3/4	65.0 (2.56)	**JBK-75-BS**	—
	Cushion type, enclosed and gasketed — 8° swing in all directions. Cushions 18.1 kg (40 lb), supports 113.4 kg (250 lb)	1/2	41.4 (1.63)	**JBK-50-CS**	—
		3/4	41.4 (1.63)	**JBK-75-CS**	—

Dimensions in Millimeters (Inches)



JBX, JBDX



JBLX

Hub Size (Inches)	Dimension "A" in Millimeters (Inches) JBX	JBDX	JBLX
1/2	19.1 (0.75)	19.1 (0.75)	19.1 (0.75)
3/4	22.4 (0.88)	22.4 (0.88)	22.4 (0.88)
1	20.6 (0.81)	26.9 (1.06)	26.9 (1.06)

Wiring Capacity ①

Hub Size (Inches)	dm^3 (in^3) JBX	JBDX	JBLX
1/2	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)
3/4	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)
1	15.50 (0.25)	23.00 (0.38)	33.00 (0.54)

① *JB covers add no additional cubic inch capacity.*

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BKX Round Junction Boxes

CEC:
Class II, Division 1 and 2, Groups E, F, G
Class III
CSA Enclosure 4

Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, BKX junction boxes are weatherproof.
- BKX junction boxes are dust-ignitionproof when supplied for Class II applications. Suitable for use in grain elevators, flour mills and other environments where dust presents a hazard.

Features

- Malleable iron Unilets™ offer high tensile strength, ductility, corrosion resistance and impact and shock resistance.
- Copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Roomy interiors: more wiring space.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- BKX Series
  - — Enclosed and gasketed boxes when used with hub or blank covers provide CSA Type 4 fit.
  - — Suitable for exposed or concealed installations.
  - — Boss in rear of box allows for fifth entry, factory or field entries, 1/2" or 3/4".
  - — Available in three inside depths: 1-1/2", 2-1/4" and 3".
  - — Furnished with four tapped holes and two close-up plugs.
  - — Available in gray iron and aluminum.
  - — Cushion fixture hangers are enclosed and gasketed.
  - — Available for Class II, Division 1 applications.
  - — Can be fitted with terminal block.

Standard Materials

- BKX junction boxes and cast covers: gray iron
- BKX-A junction boxes and cast aluminum covers: copperfree (max. 4/10 of 1%) aluminum
- BKX sheet metal covers: steel or aluminum
- Gaskets: neoprene or composition fiber

Standard Finishes

- Boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat

Options

- Factory installed terminal block, add suffix **-CB** to catalog number

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 013017

Related Products

- For explosionproof junction boxes, see Enclosures and Junction Boxes.
- For Class II Fixture Hangers, See *Lighting.*



BKX Junction Boxes. Choice of three depths.



BKX Class II Junction Boxes with covers and gasket.

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BKX Round Junction Boxes

CEC:
Class II, Division 1 and 2, Groups E, F, G
Class III
CSA Enclosure 4

	Description	Hub Size (Inches)	Catalog Number Aluminum	Catalog Number Gray Iron
	**BKXS — 1-1/2" Inside Depth** Furnished with four tapped holes and 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs. Order covers as separate item.	1/2	**BKXS-1A**	**BKXS-1**
		3/4	**BKXS-2A**	**BKXS-2**
	**BKXM — 2-1/4" Inside Depth** Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs. Order covers as separate item.	1/2	**BKXM-1A**	**BKXM-1**
		3/4	**BKXM-2A**	**BKXM-2**
		1	**BKXM-3A**	**BKXM-3**
	**BKXD — 3" Inside Depth** Furnished with four tapped holes on 4" centers, two tapped holes on 3-1/2" centers, four tapped conduit entries and two close-up plugs. Order covers as a separate item.	1/2	**BKXD-1A**	**BKXD-1**
		3/4	**BKXD-2A**	**BKXD-2**
		1	**BKXD-3A**	**BKXD-3**
BKX Covers — Furnished with gasket and screws ①				
		Blank	**CBK-GA**	**CBKG**
	Cast	1/2	**CBK-1GA**	**CBK-1G**
		3/4	**CBK-2GA**	**CBK-2G**
	Stamped Sheet Metal (steel)	Blank	**CB-A**	**CB**
	**BKX Gasket** Neoprene		—	**BKG**
JB — Flexible Fixture Hangers — Furnished with gasket and screws.				
	**Ball Type** 15° swing in all directions, supports 113.4 kg (250 lbs)	1/2	—	**JBK-50-BS**
		3/4	—	**JBK-75-BS**
	**Cushion Type** Enclosed and gasketed – 8° swing in all directions. Cushions 18 kg (40 lb), supports 113.4 kg (250 lbs)	1/2	—	**JBK-50-CS**
		3/4	—	**JBK-75-CS**

① *Stamped sheet metal CB covers not supplied with gasket.*

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BKX Round Junction Boxes

CEC:
Class II, Division 1 and 2, Groups E, F, G
Class III
CSA Enclosure 4

	Description	Hub Size (Inches)	Catalog Number Aluminum	Catalog Number Gray Iron
	**BKXS — 1-1/2" Inside Depth** Furnished with cover and attached gasket, four tapped openings and two close-up plugs.	1/2	**BKXS-1BA**	**BKXS-1B**
		3/4	**BKXS-2BA**	**BKXS-2B**
	**BKXM — 2-1/4" Inside Depth** Furnished with cover and attached gasket, four tapped openings and two close-up plugs.	1/2	**BKXM-1BA**	**BKXM-1B**
		3/4	**BKXM-2BA**	**BKXM-2B**
		1	**BKXM-3BA**	**BKXM-3B**
	**BKXD — 3" Inside Depth** Furnished with cover and attached gasket, four tapped openings and two close-up plugs.	1/2	**BKXD-1BA**	**BKXD-1B**
		3/4	**BKXD-2BA**	**BKXD-2B**
		1	**BKXD-3BA**	**BKXD-3B**
	**BKX — Class II replacement cover assemblies** Cast cover with permanently affixed gasket. Furnished with screws.	—	**CBK-GA**	**CBK-G**
	**Terminal Block** Furnished with fastening hardware. 5 wire, 20 Amp, 300 Volt.	—	—	**CB205B**

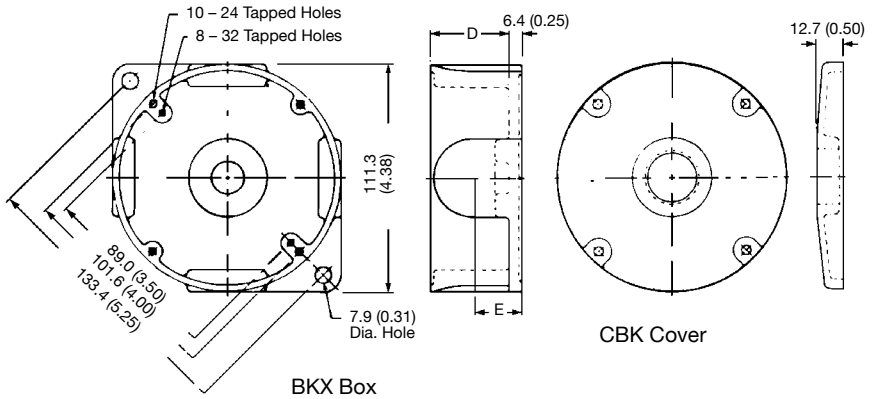
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BKX Round Junction Boxes

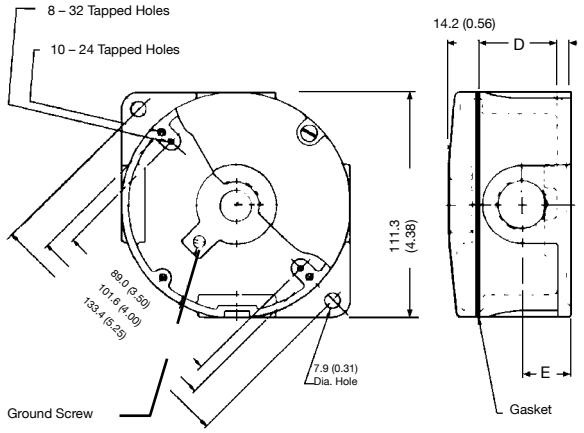
CEC:
Class II, Division 1 and 2, Groups E, F, G
Class III
CSA Enclosure 4

Dimensions in Millimeters (Inches)

BKX Round Base Unilet



BKX Round Base Unilet for Class



Enclosure	Dimensions in Millimeters (Inches) D	E
BKXS	38.1 (1.50)	23.9 (0.94)
BKXM	57.2 (2.25)	39.6 (1.56)
BKXD	76.2 (3.00)	39.6 (1.56)

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SEH Conduit Outlet Boxes and Covers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provide openings for splicing.
- Make straight connections and 90° bends in conduit runs.
- Permit access to conductors for maintenance.

Features

- Accepts 4" octagon outlet box covers.
- Two 8-32 screw holes tapped on 3-1/2" centers.
- Furnished with internal ground screw.

	Description	Hub Size (Inches)	Catalog Number
SEH			
	SEH	1/2 3/4	**SEH-50** **SEH-75**
	SEHC	1/2 3/4	**SEHC-50** **SEHC-75**
	SEHL	1/2 3/4	**SEHL-50** **SEHL-75**
	SEHT	1/2 3/4	**SEHT-50** **SEHT-75**
	SEHX	1/2 3/4	**SEHX-50** **SEHX-75**
SEH Covers — Furnished with screws ①			
	Hub cover, cast malleable	1/2	**SEHK-50** ②
	Cover, steel	Blank	**SEHK-B** ②
	Cover, cast malleable	Blank	**SEHK-BC** ②
SEH Gasket			
	Fiber composition		**SEH-GK**

① *SEH covers add no additional cubic inch capacity.*
② *Meets the Canadian Electrical Code (CEC) for Ordinary Locations..*

Standard Materials

- Conduit outlet boxes: malleable iron
- Covers: steel and cast malleable iron
- Gaskets: composition fiber

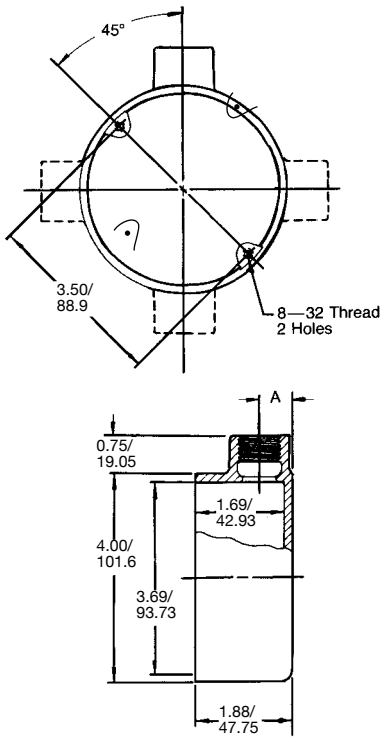
Standard Finishes

- Boxes and cast covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Blank steel cover: zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.1

Dimensions and Wiring Capacity



Hub Size (Inches)	Dimensions "A" Millimeters (Inches)	Capacity dm^3 (in^3)
1/2	16.0 (0.63)	0.29 (18.00)
3/4	19.1 (0.75)	0.29 (18.00)

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GS Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

NEC:
Rated for Ordinary Locations

Applications

- Serve as pulling fittings.
- Provides openings for splicing.
- Connect and change direction of conduit runs.
- When used with a gasket, GS junction boxes are weatherproof.

Features

- Raintight when enclosed and gasketed with hub or blank covers.
- Extra wide mating surfaces of GS box and cover provide greater gasket contact for more positive seal.
- GSU-20 accommodates connection block.
- Universal design — furnished with 4 threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and 3 close-up plugs.
- Furnished with mounting lugs.
- Cushion fixture hangers are enclosed and gasketed.

Standard Materials

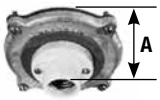
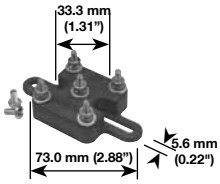
- Conduit outlet boxes, covers and fixture hangers: malleable iron
- Gaskets: neoprene

Standard Finishes

- Malleable iron conduit outlet boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat

NEC Certifications and Compliances

- UL Standard: 514A

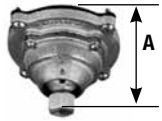
	Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number
GS — 1-3/4" Inside Depth, with mounting lugs — Form 20				
	Four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three 1/2" close-up plugs.	1/2 or 3/4	—	**GSU-20**
	Four 1" threaded openings and three 1" close-up plugs.	1	—	**GSU-100**
GS — Cast Covers — Furnished with gasket and screws. Enclosed and gasketed for raintight fit, supports 113.4 kg (250 lb)				
	Hub Cover	1/2	44.5 (1.75)	**GSK-50-20**
		3/4	44.5 (1.75)	**GSK-75-20**
	Blank Cover	Blank	26.9 (1.06)	**GSK-BC-20**
GS — Cover, Lamp Receptacle — Furnished with gasket and screws				
		—	41.4 (1.63)	**GSK-LR20**
GS-20 — Connection Block — Furnished with mounting screws. 5-Wire, 20 A, 300 Volt				
		—	—	**CB205**

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GS Conduit Outlet Boxes, Covers and Hangers

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC.

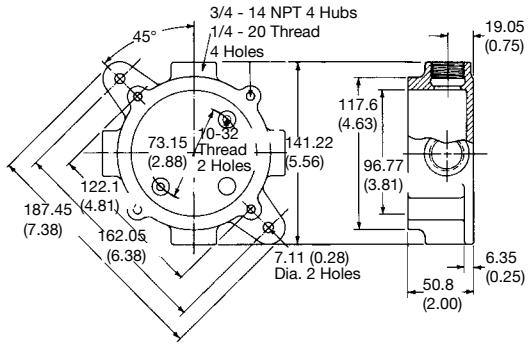
NEC:
Rated for Ordinary Locations

	Description	Hub Size (Inches)	Depth in Millimeters (Inches) (A)	Catalog Number
GS — Gasket, Neoprene				
		—	—	**GS-GK20-R**
GS Flexible Fixture Hangers — Form 20 — Furnished with gasket and screws				
	**Ball Type** 15° swing in all directions, support 113.4 kg (250 lb)	—	76.2 (3.00)	**GSK-50-20B**
		—	82.6 (3.25)	**GSK-75-20B**
	**Cushion Type** Enclosed and gasketed — 8° swing in all directions. Cushions 18.1 kg (40 lb), supports 113.4 kg (250 lb)	—	50.8 (2.00)	**GSK-50-20C**
		—	50.8 (2.00)	**GSK-75-20C**

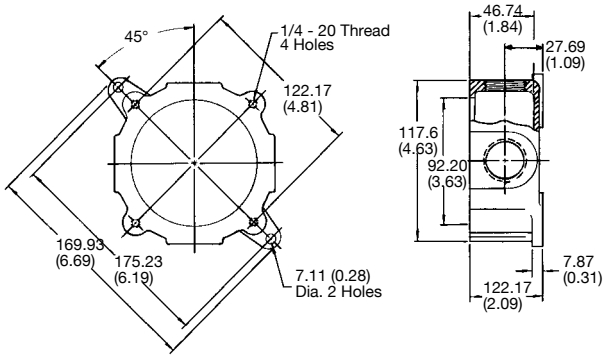
Wiring Capacity

Hub Size (Inches)	Capacity dm³ (in³) GS	GSK Covers Hub	GSK Covers Blank
1/2	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)
3/4	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)
1	0.39 (24.00)	0.14 (8.50)	0.14 (8.50)

Dimensions in Millimeters (Inches)



GSU–20
Inside Depth 44.5 mm (1.75")



GSU–100
Inside Depth 44.5 mm (1.75")

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All Device Boxes have Ridge Top Construction. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 41.4 mm (1.63 in) in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Standard Materials

- Boxes: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum
- Screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate

NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1



Illustrated Features



Gasket is designed so that it wraps around ridge top of Appleton™ aluminum or malleable iron device box. Result is a positive seal against moisture.



Gasket construction. Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Trade Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	**FS-1-50**	**FS-1-50-A**
			3/4	**FS-1-75**	**FS-1-75-A**
			1	**FS-1-100**	**FS-1-100-A**
	FD	Deep	1/2	**FD-1-50**	**FD-1-50-A**
			3/4	**FD-1-75**	**FD-1-75-A**
			3/4	**FD-1-75ED**	**FD-1-75-AED**
	FSC	Shallow	1/2	**FSC-1-50**	**FSC-1-50-A**
			3/4	**FSC-1-75**	**FSC-1-75-A**
			1	**FSC-1-100**	**FSC-1-100-A**
	FDC	Deep	1/2	**FDC-1-50**	**FDC-1-50-A**
			1/2	**FDC-1-50ED**	—
			3/4	**FDC-1-75**	**FDC-1-75-A**
			3/4	**FDC-1-75ED**	**FDC-1-75-AED**
	FSS	Shallow	1/2	**FSS-1-50**	**FSS-1-50-A**
			3/4	**FSS-1-75**	**FSS-1-75-A**
	FDS	Deep	1/2	**FDS-1-50**	**FDS-1-50-A**
			3/4	**FDS-1-75**	**FDS-1-75-A**
			1	**FDS-1-100**	**FDS-1-100-A**
	FSLA	Shallow	1/2	**FSLA-1-50**	—
			3/4	**FSLA-1-75**	—

Shaded boxes include mounting feet (feet not shown for boxes on this page).

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FSCA	Shallow	1/2	**FSCA-1-50**	—
			3/4	**FSCA-1-75**	—
	FSCC	Shallow	1/2	**FSCC-1-50**	—
			3/4	**FSCC-1-75**	—
	FDCC	Deep	1/2	**FDCC-1-50**	**FDCC-1-50A**
			3/4	**FDCC-1-75**	**FDCC-1-75-A**
			3/4	**FDCC-1-75ED**	—
			1	**FDCC-1-100**	—
	FSCT	Shallow	1/2	**FSCT-1-50**	**FSCT-1-50A**
			3/4	**FSCT-1-75**	**FSCT-1-75A**
			1	**FSCT-1-100**	—
	FDCT	Deep	1/2	**FDCT-1-50**	—
			3/4	**FDCT-1-75**	**FDCT-1-75A**
			3/4	**FDCT-1-75ED**	—
			1	**FDCT-1-100**	—
			1	**FDCT-1-100ED**	—
	FST	Shallow	1/2	**FST-1-50**	—
			3/4	**FST-1-75**	—
	FDT	Deep	1/2	**FDT-1-50**	—
			3/4	**FDT-1-75**	**FDT-1-75A**
			1	**FDT-1-100**	—
	FSX	Shallow	1/2	**FSX-1-50**	—
			3/4	**FSX-1-75**	—
	FDX	Deep	1/2	**FDX-1-50**	—
			1/2	**FDX-1-50ED**	—
			3/4	**FDX-1-75**	—
			3/4	**FDX-1-75ED**	—
			1	**FDX-1-100**	—
	FSCD	Shallow	1/2	**FSCD-1-50**	—
			3/4	**FSCD-1-75**	—

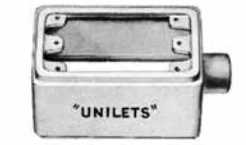
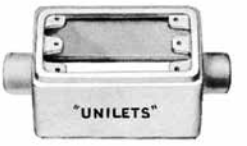
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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
FS and FD Single Gang Boxes with Mounting Lugs					
	FS	Shallow	1/2	**FS-1-50L**	—
			3/4	**FS-1-75L**	—
	FD	Deep	1/2	**FD-1-50L**	**FD-1-50L-A**
			3/4	**FD-1-75L**	**FD-1-75L-A**
			1	**FD-1-100**	**FD-1-100-A**
			1	**FD-1-100ED**	—
	FSC	Shallow	1/2	**FSC-1-50L**	—
			3/4	**FSC-1-75L**	—
	FDC	Deep	1/2	**FDC-1-50L**	**FDC-1-50L-A**
			3/4	**FDC-1-75L**	**FDC-1-75L-A**
			1	**FDC-1-100**	**FDC-1-100-A**
			1	**FDC-1-100ED**	—
FS Single Gang Boxes with Double Opening					
	FS	3.38"	1/2	**FS-1D-50**	—
			3/4	**FS-1D-75**	**FS-1D-75A**
	FSC	3.38"	1/2	**FSC-1D-50**	—
			3/4	**FSC-1D-75**	—
FS Two-Gang Tandem Boxes —Takes single gang covers					
	FS	Shallow	1/2	**FS-2T-50**	—
			3/4	**FS-2T-75**	—
	FSC	Shallow	1/2	**FSC-2T-50**	—
			3/4	**FSC-2T-75**	—
	FS	1" Extension	–	**FS-1EXT**	—

Shaded boxes include mounting feet.

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FS and FD Cast Hub Device Boxes

Steel Covers and Aluminum Covers for Ridge Top Boxes. Furnished with Stainless Steel Screws, Less Gasket.

NEC:
Listed for Ordinary Locations

	Description	Catalog Number Steel	Aluminum
	For double push button switches, momentary contact and maintain switches.	**FSK-1PB**	—
	For square handle tumbler or toggle switches.	**FSK-1TS**	**FSK-1TS-A**
	For square handle tumbler or toggle switches. Has toggle guard.	**FSK-1TSG**	—
	For two or three interchangeable devices. Includes mounting bracket.	**FSK-1WD-3**	—
	For round flush receptacles, without lift cover. Mounts on device. Hole Dia.—1-13/32".	**FSK-1R-Q**	**FSK-1R-Q-A**
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia.—1-13/32".	**FSK-1R-T**	—
	For round receptacles. Mounts directly on box. Hole Dia.—1-13/32".	**FSK-1R-W**	**FSK-1R-W-A**
	For round receptacles. Mounts directly on box. Hole Dia.—1-5/8". 3-9/32" C to C screw holes.	**FSK-1R-X**	—
	For round receptacles. Mounts on device. Hole Dia.—1-5/8". 2-3/8" C to C screw holes.	**FSK-1R-Y**	**FSK-1R-Y-A**
	For standard 2 or 3 wire duplex receptacles.	**FSK-1DR**	**FSK-1DR-A**
	For pilot lamp: Red Jewel Amber Jewel Green Jewel Opal Jewel	 **FSK-1J** **FSK-1JA** **FSK-1JG** **FSK-1JO**	 — — — —
	Blank	**FSK-1B**	**FSK-1B-A**

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FS and FD Cast Hub Device Boxes

Covers for Ridge Top Boxes.

NEC:
Listed for Ordinary Locations

	Description	Catalog Number Malleable Iron	Catalog Number Aluminum
Cast Covers NEMA 3R Wet Locations — Furnished with gasket and stainless steel screws			
	Receptacle cover with spring cover. Hole Diameter — 1-7/16”	**FSK-1VR**	**FSK-1VR-A**
	For duplex flush receptacle with spring cover	**FSK-1VDR**	**FSK-1VDR-A**
	For pilot lamp flush receptacles:		
	Red Jewel	**FSK-1J-C**	**FSK-1-JCA**
	Opal Jewel	**FSK-1JOC**	**FSK-1JOCA**
	Amber Jewel	**FSK-1JAC**	**FSK-1JACA**
	Green Jewel	**FSK-1JGC**	**FSK-1JGCA**
	For double push button switches	**FSK-1PBS**	—
	For external operation of tumbler switches with square handles	**FSK-1VTS**	**FSK-1VTSA**
	Operating type for square handle tumbler or toggle switches	**FSK-1VS**	**FSK-1VS-A**
	Rocker type for square handle tumbler or toggle flush switches	**FSK-1V**	**FSK-1V-A**
	Blank	**FSK-1B-C**	**FSK-1B-CA**
Gasket — Replacement			
	Neoprene—for use with wet location covers	**FS-GKR-1N**	
Cast Covers Dry Locations — Furnished with stainless steel screws less gasket			
	For standard 2 or 3 wire duplex receptacles	**FSK-1DR-C**	—
	For round flush receptacles Hole Dia. — 1-7/16”	**FSK-1R-Z**	—
	For square handle toggle switches	**FSK-1TS-C**	—
	For square handle toggle switches; Has toggle guard	**FSK-1TSG-C**	**FSK-1TSG-CA**

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FS and FD Cast Hub Device Boxes

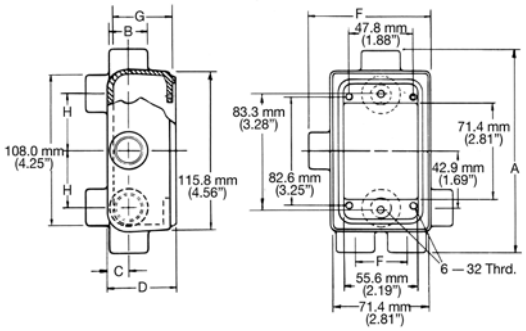
NEC:
Listed for Ordinary Locations

Wiring Capacity

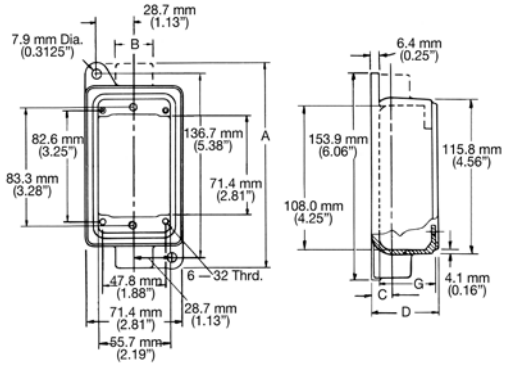
Hub Size (Inches)	Capacity — dm³ (in³) Single–Gang FS	Single–Gang FD	Two–Gang Tandem FS
1/2	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
3/4	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
1	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)

Dimensions in Millimeters (Inches)

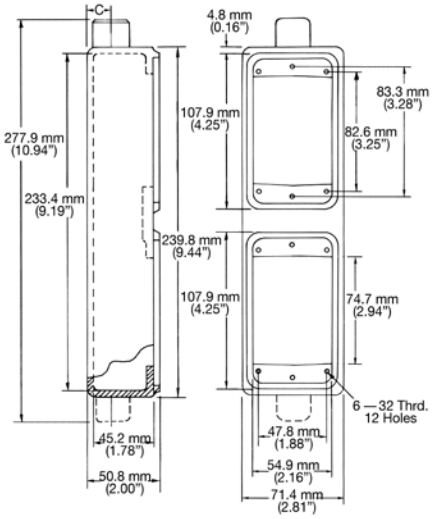
FS and FD Single Gang Boxes without lugs



FS and FD Single Gang Boxes with lugs



FS Tandem Boxes



Hub Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D "FS"	D "FD"	E	F	G "FS"	G "FD"	H
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	38.1 (1.50)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	42.9 (1.69)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	38.1 (1.50)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	35.1 (1.38)

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FS and FD Cast Hub Device Boxes

Wet Location Receptacle Covers Available with NEMA Configuration Receptacles or as Covers Only

Covers also accommodate Toggle Switches.

NEC:
NEMA 3R

Applications

- Meet NEC 406.8(B) receptacle requirements for wet locations: "A receptacle installed outdoors where exposed to weather or in other wet locations shall be in a weatherproof enclosure, the integrity of which is not affected when the receptacle is in use (attachment plug cap inserted)."
- For industrial, commercial or residential use as a general purpose receptacle or for powering portable equipment not exceeding medium duty ratings.
- Mounts on FS or FD device boxes or equivalents, either single gang or multiple gang with single gang openings.

Features

- Provides full protection in damp or wet locations per NEC 406.8(B). Gasketed spring door cover closes tightly automatically to protect receptacle from moisture and dirt when not in use. With plug inserted, a heavy-duty gasket in throat of receptacle seals around it to keep out moisture and dirt.
- Receptacle interiors comply with NEMA Standards WD-1 and WD-5.
- Receptacle interiors are specification grade, back and side-wired.
- Single cover units accommodate NEMA configuration receptacles for locking or non-locking blade plugs, or toggle switches. Duplex units accommodate one receptacle and one toggle switch or any combination of the two.
- Covers open all the way, permitting easy plug insertion and withdrawal. Also permits adequate access to cover screws for easy attachment of cover to FS, FD or other device box. Large head cover screws are captivated.
- Unique design of spring door hinge provides smooth action. Duplex units have a separate hinge shaft for each spring door cover to reduce stress on the shafts.
- Spring door cover puts pressure on plug (without tilting plug) to hold plug in best position for providing optimum weatherproof seal.
- Stainless steel hinge springs are completely enclosed — inside and out — for superior resistance against corrosion.
- EPDM gaskets provide superior resistance to the weather, ozone and temperatures between -45.6 °C and +126.7 °C (-50.08 °F and +260 °F).



Duplex Cover on FS Box.



Single Cover on FS Box.

- Diecast copperfree cover assemblies with epoxy powder coat (electrostatically applied for uniform coverage) to provide protection against corrosion.
- Positive ground path assured for all exposed metal parts.
- Receptacle interiors grounded through an extra contact in all types. Self-grounded in duplex units.

Standard Materials

- Cover and faceplate: diecast copperfree (4/10 of 1%) aluminum
- Gaskets: ethylene propylene rubber (EPDM)
- Cover and device screws: stainless steel, 6—32 thread
- Hinge springs: stainless steel
- Hinge shaft: nylon
- FSK-SBA adapter: steel plate with closed cell sponged neoprene gasket

Standard Finishes

- Cover and faceplate: epoxy powder coat
- FSK-SBA adapter: zinc electroplate

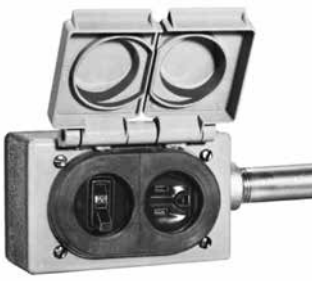
NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527, E3439
- NEMA Standards: FB-1, OS-1

Illustrated Features



Typical application with NEMA configuration receptacle and plug, mounted on an FS box. Gasket seals around plug, keeping out moisture and dirt. Spring door closes automatically when plug is withdrawn to protect receptacle.



Spring doors open wide for easy plug insertion and cover assembly (covers shown in open position for illustration only). This view shows gaskets that protect plugs. Gasket on bottom of cover prevents entry of moisture into device box (see gasket description).

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FS and FD Cast Hub Device Boxes

Wet Location Receptacle Covers Available with NEMA Configuration Receptacles or as Covers Only

Covers also accommodate Toggle Switches.

NEC:
NEMA 3R

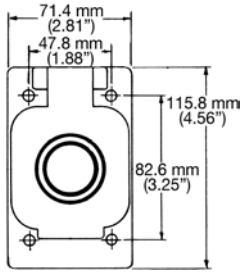
	Amp	Wire/Pole	Volts	NEMA Configuration	Catalog Number With Receptacle	Catalog Number Cover Only
 FSK–WRD ①	**Duplex Cover for Non-Locking Blade Plugs, with 1-3/8 Device Opening**					
	15	2P, 3W	125	5-15R	**FSKD5-15**	**FSK-WRD**
	15	2P, 3W	250	6-15R	**FSKD6-15**	**FSK-WRD**
	20	2P, 3W	125	5-20R	**FSKD5-20**	**FSK-WRD**
	20	2P, 3W	250	6-20R	**FSKD6-20**	**FSK-WRD**
 FSK–WR1 ①	**Single Cover for Non-Locking and Locking Blade Plugs, with 1-3/8" Device Opening**					
	15	2P, 3W	125	5-15R	**FSKJ5-15**	**FSK-WR1**
	15	2P, 3W	250	6-15R	**FSKJ6-15**	**FSK-WR1**
	20	2P, 3W	125	5-20R	**FSKJ5-20**	**FSK-WR1**
	20	2P, 3W	250	6-20R	**FSKJ6-20**	**FSK-WR1**
	15	2P, 3W	125	L5-15R	**FSKJL5-15**	**FSK-WR1**
	15	2P, 3W	250	L6-15R	**FSKJL6-15**	**FSK-WR1**
	15	2P, 3W	277	L7-15R	**FSKJL7-15**	**FSK-WR1**
 FSK-WR2 ① FSK-WGF1 ① FSK-WT2 ①	**Single Cover for Locking. Blade Plugs, with 1-19/32" Device Opening**					
	Accommodates NEMA configuration receptacles with 1-19/32" device opening.				—	**FSK-WR2**
	Single Cover for GFI — Meets NEMA 3R Wet Location in Closed Position Only					
	GFI Cover Only				—	**FSK-WGF1**
	Single Cover for Toggle Switches (1-19/32" opening)					
	Accommodates Toggle Switch. Furnished with Toggle Switch Plate to provide protection from exposed terminal wires of Toggle Switch.				—	**FSK-WT2**
	**Adapter/Gasket**					
	For mounting Receptacle Cover on Switch Boxes (not required on FS/FD Boxes)					**FSK-SBA**

Dimensions in Millimeters (Inches)

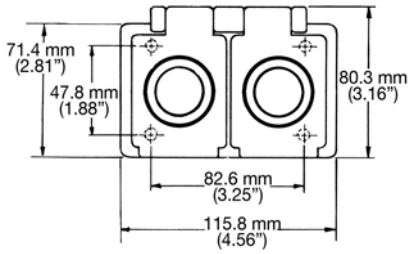


Receptacle Cover mounted on Switch Box with FSK–SBA Adapter/Gasket

Single



Duplex



NOTE: All receptacle covers have an overall height of 29.5 mm (1.16 in).

① *Covers shown in open position for illustration only. Spring door closes automatically when plug is withdrawn.*

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top	Catalog Number Aluminum Ridge Top
	FS	Shallow	1/2	**FS-2-50**	**FS-2-50-A**
			3/4	**FS-2-75**	**FS-2-75-A**
			1	**FS-2-100**	—
	FD	Deep	1/2	**FD-2-50**	—
			1/2	**FD-2-50ED**	—
			3/4	**FD-2-75**	**FD-2-75-A**
			3/4	**FD-2-75ED**	—
			1	**FD-2-100**	—
			1	**FD-2-100ED**	—
	FSC	Shallow	1/2	**FSC-2-50**	—
			3/4	**FSC-2-75**	**FSC-2-75-A**
			1	**FSC-2-100**	—
	FDC	Deep	1/2	**FDC-2-50**	—
			1/2	**FDC-2-50ED**	—
			3/4	**FDC-2-75**	**FDC-2-75-A**
			3/4	**FDC-2-75ED**	—
			1	**FDC-2-100**	—
			1	**FDC-2-100ED**	—
	FSS	Shallow	1/2	**FSS-2-50**	—
			3/4	**FSS-2-75**	**FSS-2-75-A**
			1	**FSS-2-100**	—
	FDS	Deep	3/4	**FDS-2-75**	—
	FSD	Shallow ①	1/2-3/4	**FSD-2-75**	—
	FS	1" Extension ②	–	**FS-2EXT**	—

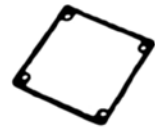
① *Largest hub at bottom in illustration.*
② *Extension does not have a ground screw.*

Shaded boxes include mounting feet (feet not shown for boxes on this page).

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FS and FD Cast Hub Device Boxes

NEC:
Listed for Ordinary Locations

	Description	Catalog Number Steel	Aluminum
Stamped Steel and Aluminum Covers — With stainless steel screws, less gasket			
	For square handle tumbler or toggle flush switches	**FSK-2TS**	**FSK-2TS-A**
	For two round receptacles. Mounts on device. Hole Dia. – 1-13/32”	**FSK-2R-Q**	— —
	For two round receptacles. Mounts directly on box. Hole Dia. – 1-13/32”	**FSK-2R-W**	— —
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia. – 1-13/32”	**FSK-2R-T**	—
	For duplex flush receptacles	**FSK-2DR**	**FSK-2DR-A**
	For tumbler flush switch and duplex flush receptacles	**FSK-2RS-K**	—
	For round flush receptacle and duplex receptacles Hole Dia. – 1-13/32”	**FSK-2R-L**	—
	For round receptacles. Hole Dia. – 2-15/32	**FSK-2R-M**	—
	Blank Cover	**FSK-2B**	**FSK-2B-A**
		Malleable Iron	**Aluminum**
Cast Covers — Weatherproof — With gasket and stainless steel screws			
	Blank Cover	**FSK-2B-CM**	**FSK-2B-CA**
	**Gasket — Replacement** Neoprene — for use with 2-gang cast covers above	**FS-GKR-2N**	—

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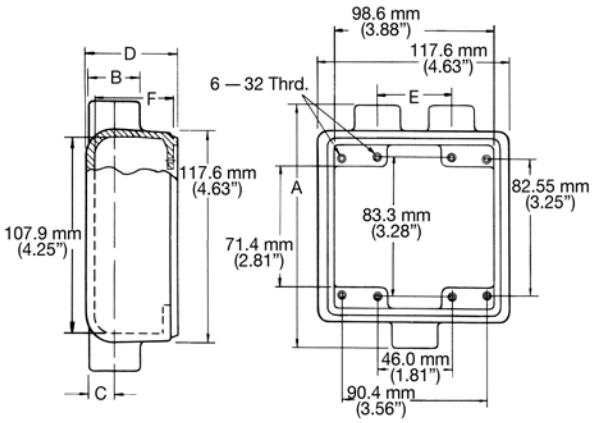
FS and FD Cast Hub Device Boxes

NEC:
Listed for Ordinary Locations

Wiring Capacity

Hub Size (Inches)	Capacity — dm³ (in³) FS	FD
1/2	0.52 (32.00)	0.74 (45.00)
3/4	0.52 (32.00)	0.74 (45.00)
1	0.52 (32.00)	0.74 (45.00)

Dimensions in Millimeters (Inches)



Hub Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D "FS"	D "FD"	E	F "FS"	F "FD"
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	47.8 (1.88)	45.2 (1.78)	62.0 (2.44)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	45.2 (1.78)	62.0 (2.44)

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

Three Gang Cast Device Boxes

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top
	FS	Shallow	3/4	**FS-3-75**
			1	**FS-3-100**
	FSS	Shallow	3/4	**FSS-3-75**

Cast Device Covers

	Description	Catalog Number
Stamped Steel Covers — Furnished with stainless steel screws, less gasket		
	For square handle tumbler or toggle flush switches	**FSK-3TS**
	Blank Cover	**FSK-3B**
Malleable Iron Cast Covers — Weatherproof — Furnished with gasket and stainless steel screws		
	Blank Cast Cover	**FSK-3B-CM**
Gasket — Replacement		
	Neoprene — for use with 3-gang covers above	**FS-GKR-3N**

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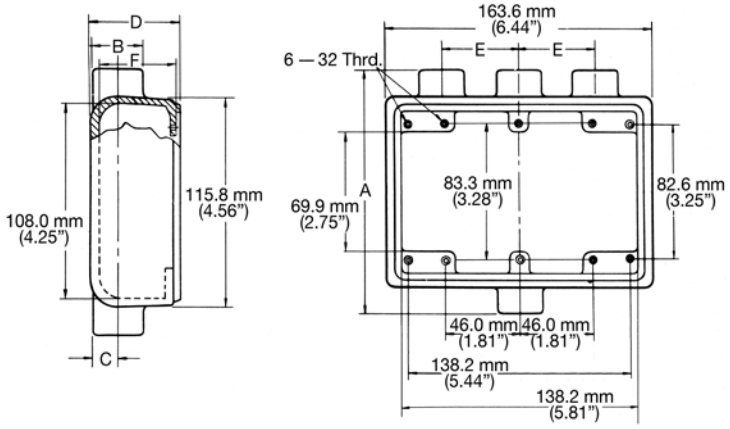
FS and FD Cast Hub Device Boxes

NEC:
Listed for Ordinary Locations

Wiring Capacity

Hub Size (Inches)	Capacity — dm^3 (in^3) FS
1/2	0.66 (40.00)
3/4	0.66 (40.00)
1	0.66 (40.00)

Dimensions in Millimeters (Inches)



Hub Size (Inches)	Dimensions in Millimeters (Inches)					
	A	B	C	D	E	F
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	47.8 (1.88)	45.2 (1.78)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	47.8 (1.88)	45.2 (1.78)
1	190.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	54.1 (2.13)	45.2 (1.78)

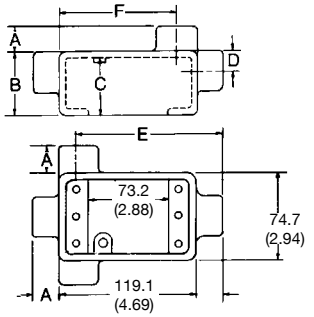
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FS and FD Cast Hub Device Boxes

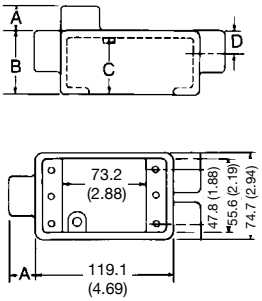
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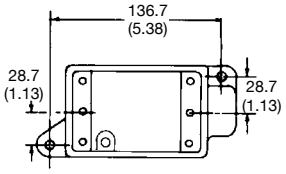
Dimensions in Millimeters (Inches)

Type FD Extra Deep

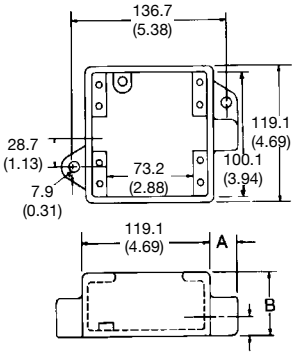


Single Gang





With Mounting Lugs



Two Gang
With Mounting Lugs

	Hub Size (Inches)	Dimensions in Millimeters (Inches)					
		A	B	C	D	E	F
All FD Type Boxes	1/2	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	16.00 (0.63)	119.13 (4.69)	100.08 (3.94)
	3/4	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	19.05 (0.75)	115.82 (4.56)	96.77 (3.81)
	1	22.35 (0.88)	77.72 (3.06)	73.15 (2.88)	22.35 (0.88)	—	—

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FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Conduit and IMC. All Device Boxes have Ridge Top Construction. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 41.4 mm (1.63 in) in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Standard Materials

- Boxes: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum
- Screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate

Options

- For additional corrosion protection, specify Hot Dip Galvanized. Add suffix "**-G**" to catalog number. Contact your local representative for pricing and availability.

NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-18095, E2527
- Suitable for wet locations when used with gasketed covers.
- Fed Spec: A-A-50563
- NEMA Standard: FB-1



Illustrated Features



Gasket is designed so that it wraps around ridge top of O–Z/Gedney™ aluminum or malleable iron device box. Result is a positive seal against moisture.



Gasket construction. Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

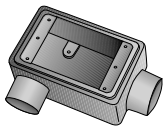
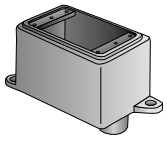
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FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

	Type	Depth	Trade Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	**FS-1-50**	**FS-1-50-A**
			3/4	**FS-1-75**	**FS-1-75-A**
			1	**FS-1-100**	**FS-1-100-A**
	FD	Deep	1/2	**FD-1-50**	**FD-1-50-A**
			1/2	**FD-1-50ED**	—
			3/4	**FD-1-75**	**FD-1-75-A**
			3/4	**FD-1-75ED**	—
			1	**FD-1-100**	—
			1	**FD-1-100ED**	—
	FSC	Shallow	1/2	**FSC-1-50**	**FSC-1-50-A**
			3/4	**FSC-1-75**	**FSC-1-75-A**
			1	**FSC-1-100**	—
	FDC	Deep	1/2	**FDC-1-50**	**FDC-1-50-A**
			1/2	**FDC-1-50ED**	—
			3/4	**FDC-1-75**	**FDC-1-75-A**
			3/4	**FDC-1-75ED**	—
			1	**FDC-1-100**	—
			1	**FDC-1-100ED**	—
	FSL	Shallow	1/2	**FSL-1-50**	—
			3/4	**FSL-1-75**	—
	FDL	Deep	1/2	**FDL-1-50**	—
			3/4	**FDL-1-75**	—
	FSR	Shallow	1/2	**FSR-1-50**	—
	FDR	Deep	1/2	**FDR-1-50**	—
			3/4	**FDR-1-75**	—
	FDA	Deep	1/2	**FDA-1-50**	—
			3/4	**FDA-1-75**	—
	FSS	Shallow	1/2	**FSS-1-50**	—
			3/4	**FSS-1-75**	**FSS-1-75-A**

Shaded boxes include mounting feet.

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FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

				Catalog Number	
	Type	**Depth**	**Hub Size (Inches)**	**Malleable Iron Ridge Top**	**Aluminum Ridge Top**
	FSCC	Shallow	1/2	**FSCC-1-50**	—
			3/4	**FSCC-1-75**	**FSCC-1-75A**
	FDCC	Deep	1/2	**FDCC-1-50**	—
			3/4	**FDCC-1-75**	—
			3/4	**FDCC-1-75ED**	—
	FSCT	Shallow	1/2	**FSCT-1-50**	—
			3/4	**FSCT-1-75**	—
			1	**FSCT-1-100**	—
	FDCT	Deep	1/2	**FDCT-1-50**	—
			3/4	**FDCT-1-75**	—
			3/4	**FDCT-1-75ED**	—
			1	**FDCT-1-100**	—
			1	**FDCT-1-100ED**	—
	FSX	Shallow	1/2	**FSX-1-50**	—
			3/4	**FSX-1-75**	—
	FDX	Deep	1/2	**FDX-1-50**	—
			1/2	**FDX-1-50ED**	—
			3/4	**FDX-1-75**	—
			3/4	**FDX-1-75ED**	—

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FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top	Catalog Number Aluminum Ridge Top
FS Two-Gang Tandem Boxes —Takes single gang covers					
	FS	Shallow	3/4	**FS-2T-75**	—

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FS and FD Cast Hub Device Boxes

Steel Covers and Aluminum Covers for Ridge Top Boxes. Furnished with Stainless Steel Screws, Less Gasket.

NEC:
Listed for Ordinary Locations

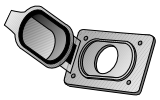
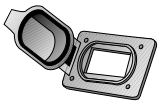
	Description	Catalog Number	
		Steel	Aluminum
	For square handle tumbler or toggle switches.	**FS1-SCS**	—
	For round receptacles. Mounts directly on box. Hole Dia.—1-13/32".	**FS1-SRCS**	—
	For round receptacles. Mounts directly on box. Hole Dia.—1-5/8". 3-9/32" C to C screw holes.	**FS1-LRCS**	—
	For standard 2 or 3 wire duplex receptacles.	**FS1-DCS**	—
	Blank	**FS1-BCS**	—
	Blank	**FS1-BC** *(Gray iron)*	**FS1-BC-A**

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FS and FD Cast Hub Device Boxes

Covers for Ridge Top Boxes.

NEC:
Listed for Ordinary Locations

	Description	Catalog Number	
		Malleable Iron	Aluminum
Cast Covers NEMA 3R Wet Locations — Furnished with gasket and stainless steel screws			
 **FS1–WRCA**	Round receptacle Hole Diameter — 1-7/16"	—	**FS1-WRCA**
	For duplex flush receptacle with spring cover	—	**FS1-WDC-A**
 **FS1–WPCA**	For external operation of tumbler switches with square handles	—	**FS1-WPCA**
 **FS1–WSCA**	Operating type for square handle tumbler or toggle switches	—	**FS1-WSCA**
	Rocker type for square handle tumbler or toggle flush switches	—	**FSK-1V-A**
Gasket — Replacement			
	Neoprene—for use with wet location covers	**FS1-SG**	
Cast Covers Dry Locations — Furnished with stainless steel screws less gasket			
 **FS1–DC**	For standard 2 or 3 wire duplex receptacles	**FS1-DC**	**FS1-DC-A**
 **FS1–GFCA**	Ground fault receptacle	—	**FS1-GFCA**

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FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep, ED (Extra Deep) 3.06" deep

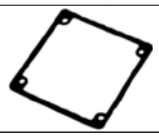
	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top	Catalog Number Aluminum Ridge Top
	FS	Shallow	1/2	**FS-2-50**	—
			3/4	**FS-2-75**	**FS-2-75-A**
			1	**FS-2-100**	—
	FD	Deep	1/2	**FD-2-50**	—
			1/2	**FD-2-50ED**	—
			3/4	**FD-2-75**	—
			3/4	**FD-2-75ED**	—
			1	**FD-2-100**	—
			1	**FD-2-100ED**	—
	FSC	Shallow	1/2	**FSC-2-50**	—
			3/4	**FSC-2-75**	**FSC-2-75-A**
			1	**FSC-2-100**	—
	FDC	Deep	1/2	**FDC-2-50**	—
			1/2	**FDC-2-50ED**	—
			3/4	**FDC-2-75**	—
			3/4	**FDC-2-75ED**	—
			1	**FDC-2-100**	—
			1	**FDC-2-100ED**	—

Shaded boxes include mounting feet (feet not shown for boxes on this page).

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FS and FD Cast Hub Device Boxes

NEC:
Listed for Ordinary Locations

	Description	Catalog Number Steel	Aluminum
Stamped Steel and Aluminum Covers — With stainless steel screws, less gasket			
	For square handle tumbler or toggle flush switches	**FS-2-SCS**	—
	For duplex flush receptacles	**FS-2-DCS**	—
	For tumbler flush switch and duplex flush receptacles	**FS-2-SDCS**	—
		Malleable Iron	**Aluminum**
Cast Covers — Weatherproof — With gasket and stainless steel screws			
	For external operation of tumbler switches with square handles	—	**FS-2-WSCA**
	Blank Cover **FS-2-BC** *(Gray iron)*	**FS-2-BCS**	**FS-2-BCA**
	**Gasket — Replacement** Neoprene — for use with 2-gang cast covers above	**FS-2-SG**	—

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FS and FD Cast Hub Device Boxes

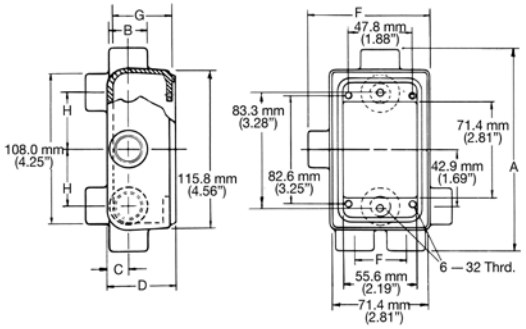
NEC:
Listed for Ordinary Locations

Wiring Capacity

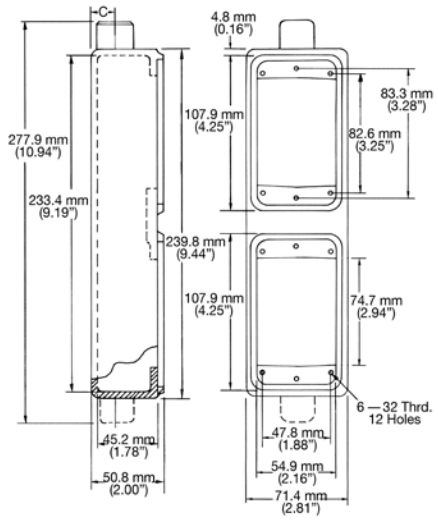
Hub Size (Inches)	Capacity — dm³ (in³) Single–Gang FS	Single–Gang FD	Two–Gang Tandem FS
1/2	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
3/4	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)
1	0.29 (18.00)	0.41 (25.00)	0.66 (40.00)

Dimensions in Millimeters (Inches)

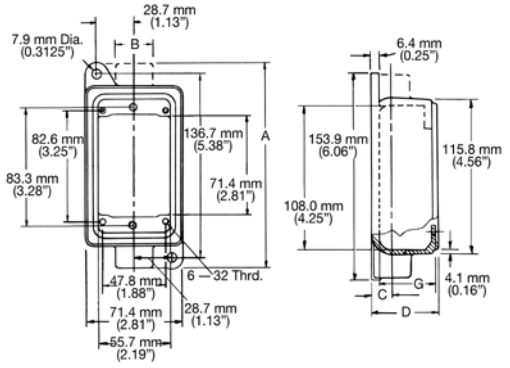
FS and FD Single Gang Boxes without lugs



FS Tandem Boxes



FS and FD Single Gang Boxes with lugs



Hub Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D "FS"	D "FD"	E	F	G "FS"	G "FD"	H
1/2	149.4 (5.88)	28.7 (1.13)	16.0 (0.63)	50.8 (2.00)	68.3 (2.69)	38.1 (1.50)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	42.9 (1.69)
3/4	149.4 (5.88)	35.1 (1.38)	19.1 (0.75)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	38.1 (1.50)
1	160.3 (6.31)	42.9 (1.69)	23.9 (0.94)	50.8 (2.00)	68.3 (2.69)	52.3 (2.06)	88.9 (3.50)	45.2 (1.78)	62.0 (2.44)	35.1 (1.38)

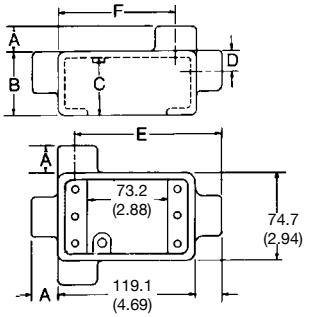
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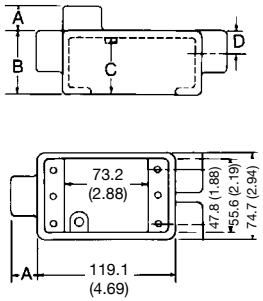
FS and FD Cast Hub Device Boxes

NEC:
Listed for Ordinary Locations

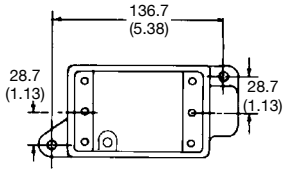
Dimensions in Millimeters (Inches)

Type FD Extra Deep

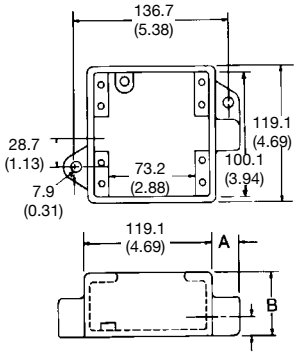




Single Gang



With Mounting Lugs



Two Gang
With Mounting Lugs

Catalog Number	Hub Size (Inches)	Dimensions in Millimeters (Inches)					
		A	B	C	D	E	F
All FD Type Boxes	1/2	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	16.00 (0.63)	119.13 (4.69)	100.08 (3.94)
	3/4	19.05 (0.75)	77.72 (3.06)	73.15 (2.88)	19.05 (0.75)	115.82 (4.56)	96.77 (3.81)
	1	22.35 (0.88)	77.72 (3.06)	73.15 (2.88)	22.35 (0.88)	—	—

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevent "freezing" of screws.
- Ground screw at top of box for easy access.
- Cast Hub Boxes
  - — Available in single, two, three and four gang and tandem.
  - — Smooth, rounded integral bushing in each hub protects conductor insulation.
- FD Blank Bodies for Brazed Hubs or Drill and Tapped Entries
  - — Available in single, two, three and four gang boxes.
  - — Drill and tapped entries.
  - — Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4.
  - — Smooth, rounded integral bushing in each hub protects conductor insulation.
  - — Ground screw at top of box for easy access.

Standard Materials

- Cast hub device boxes and boxes for drilling and tapping: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Brazed hubs: malleable iron
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum

Standard Finishes

- Malleable iron boxes and covers: zinc electroplate
- Aluminum boxes and covers: natural
- Steel covers: zinc electroplate
- Screws: stainless steel

Options

- Enclosures drilled for 347 Volt devices. Add suffix **-347**.



Gasket is designed so that it "wraps around" ridge top of Appleton™ aluminum or malleable iron device box. Result is a positive seal against moisture.

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.1
- CSA Certified: 001472

Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FS and FD Cast Device Boxes Drilling and Tapping Information* pages.

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

	Size		Malleable Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
	1/2	Shallow	0.88 (1.94)	**FS-1**	Shallow	0.29 (0.64)	**FS-1A**
	3/4		1.02 (2.25)	**FS-2**		0.34 (0.75)	**FS-2A**
	1/2		1.22 (2.70)	**FD-1**		0.41 (0.90)	**FD-1A**
	3/4	Deep	1.18 (2.60)	**FD-2**	Deep	0.42 (0.92)	**FD-2A**
	1		1.27 (2.80)	**FD-3**		0.43 (0.94)	**FD-3A**
	1/2	Shallow	0.77 (1.70)	**FSA-1**	Shallow	0.26 (0.57)	**FSA-1A**
	3/4		0.73 (1.60)	**FSA-2**		0.26 (0.58)	**FSA-2A**
	1/2	Deep	0.95 (2.10)	**FDA-1**	Deep	0.32 (0.70)	**FDA-1A**
	3/4		0.91 (2.00)	**FDA-2**		0.30 (0.67)	**FDA-2A**
	1/2	Shallow	0.95 (2.10)	**FSC-1**	Shallow	0.32 (0.70)	**FSC-1A**
	3/4		1.09 (2.40)	**FSC-2**		0.36 (0.80)	**FSC-2A**
	1/2		1.27 (2.80)	**FDC-1**		0.43 (0.94)	**FDC-1A**
	3/4	Deep	1.27 (2.80)	**FDC-2**	Deep	0.43 (0.94)	**FDC-2A**
	1		1.36 (3.00)	**FDC-3**		0.45 (1.00)	**FDC-3A**
	1/2	Shallow	0.77 (1.70)	**FSCC-1**	Shallow	0.26 (0.57)	**FSCC-1A**
	3/4		0.99 (2.20)	**FSCC-21** ①		0.34 (0.74)	**FSCC-21A** ①
	1/2	Shallow	1.13 (2.50)	**FSCT-1**	Shallow	0.38 (0.84)	**FSCT-1A**
	3/4		1.13 (2.50)	**FSCT-2**		0.38 (0.84)	**FSCT-2A**
	1/2		1.36 (3.00)	**FDCT-1**		0.45 (1.00)	**FDCT-1A**
	3/4	Deep	1.27 (2.80)	**FDCT-2**	Deep	0.43 (0.94)	**FDCT-2A**
	1		1.41 (3.10)	**FDCT-3**		0.47 (1.03)	**FDCT-3A**
	1/2	Deep	0.99 (2.20)	**FDD-1**	Deep	0.34 (0.74)	**FDD-1A**
	3/4		1.04 (2.30)	**FDD-2**		0.35 (0.77)	**FDD-2A**
	3/4	Shallow	1.06 (2.34)	**FSL-2**	Shallow	0.35 (0.78)	**FSL-2A**

① *Use FD Unilets™ for wiring devices exceeding 1-5/8" in depth under fastening ears.*

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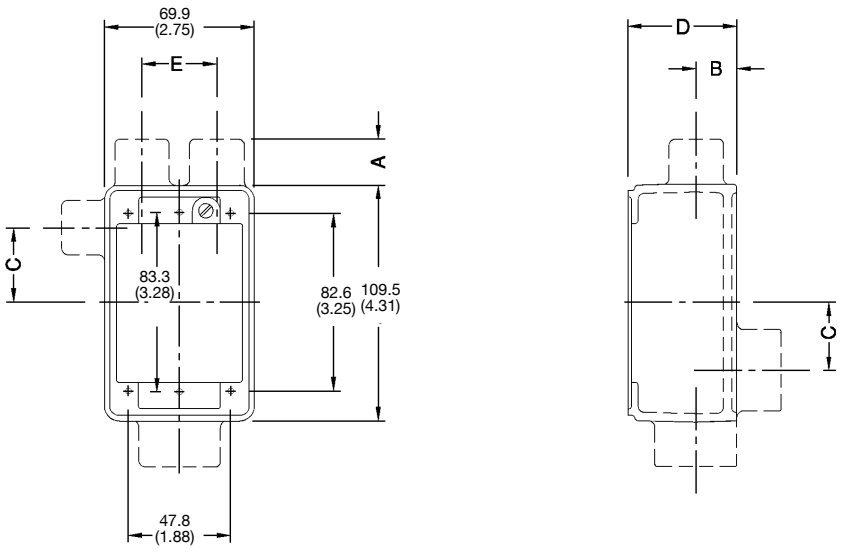
FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

	Size		Malleable Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
	1/2	Shallow	0.82 (1.80)	**FSS-1**	Shallow	0.27 (0.60)	**FSS-1A**
	3/4		0.82 (1.80)	**FSS-2**		0.27 (0.60)	**FSS-2A**
	1/2	Shallow	1.12 (2.46)	**FST-1**	Shallow	0.37 (0.82)	**FST-1A**
	3/4		1.06 (2.33)	**FST-2**		0.35 (0.78)	**FST-2A**
	1	Deep	1.45 (3.20)	**FDT-3**	Deep	0.49 (1.07)	**FDT-3A**
	1/2	Shallow	1.25 (2.75)	**FSX-1**	Shallow	0.41 (0.91)	**FSX-1A**
	3/4		1.06 (2.34)	**FSX-2**		0.35 (0.78)	**FSX-2A**
	1/2		1.41 (3.10)	**FDX-1**		0.47 (1.03)	**FDX-1A**
	3/4	Deep	1.36 (3.00)	**FDX-2**	Deep	0.48 (1.06)	**FDX-2A**
	1		1.59 (3.50)	**FDX-3**		0.53 (1.17)	**FDX-3A**

Dimensions in Millimeters (Inches)



FS and FD Single Gang Devices

Hub Size	A	B	C	D FS	D FD	E
1/2	0.3 (0.75)	0.3 (0.63)	0.6 (1.38)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)
3/4	0.3 (0.75)	0.3 (0.75)	0.6 (1.38)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)
1	0.4 (0.88)	0.4 (0.88)	0.8 (1.25)	0.9 (2.00)	1.3 (2.75)	0.6 (1.38)

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

CEC:
Listed for Ordinary Locations

	Description	Weight Per 100 kg (lb)	Catalog Number
Single Gang Covers — Furnished with stainless steel screws less gasket			
	Blank Cover, Steel — Zinc Electroplate	5.44 (12.00)	**FS-4**
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-7/16"	5.44 (12.00)	**FS-5**
	Duplex Receptacle Cover, Steel — Zinc Electroplate	4.54 (10.00)	**FS-6**
	Round Receptacle Cover, Steel — Zinc Electroplate Hole dia. 1-5/8"	5.44 (12.00)	**FS-8**
	Tumbler Switch Cover, Steel — Zinc Electroplate	5.44 (12.00)	**FS-9**
	Tumbler Switch Cover, Steel — Zinc Electroplate	9.98 (22.00)	**FSK-1TS-G** ①
	For pilot lamp Red Jewel	11.34 (25.00)	**FSK-1J** ①
	Amber Jewel		**FSK-1JA** ①
	Green Jewel		**FSK-1JG** ①
	Opal Jewel		**FSK-1JO** ①

① *Also for use with multiple gang Unilets with individual cover openings.*

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

	Description	Catalog Number Malleable Iron Ridge Top	 Aluminum Ridge Top
Cast Covers NEMA 3 — Weatherproof — Furnished with gasket and stainless steel screws			
	Receptacle cover with spring cover. Hole Diameter — 1-7/16”	**FSK-1VR**	—
	Rocker type for square handle tumbler or toggle switches	**FSK-1V**	**FSK-1V-A**
	For duplex flush receptacle with spring cover	**FSK-1VDR**	**FSK-1VDR-A**
	For external operation of tumbler switches with square handles	**FSK-1VTS**	**FSK-1VTSA**
	Operating type for square handle tumbler or toggle switches	**FSK-1VS**	**FSK-1VS-A**
	Blank Cover and Gasket, Malleable Iron, Zinc Electroplate	—	**FS-100G** ①
Gasket — Replacement			
	Neoprene – for use with weatherproof covers	**FS-GKR-1N**	**FS-GKR-1N**
Cast Covers Dry Locations — Furnished with stainless steel screws less gasket			
	For standard 2 or 3 wire duplex receptacles	**FSK-1DR-C**	—
	For round flush receptacles.Hole dia. 1-7/16"	**FSK-1R-Z**	—
	For square handle toggle switches	**FSK-1TS-C**	—
	For square handle toggle switches (with protecting guard)	**FSK-1TSG-C**	**FSK-1TSG-CA**

① *Available in Aluminum: Add suffix* ***-A*** *to catalog number.*

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FS and FD Cast Hub Device Boxes

Weatherproof, Raintight and Dust-tight

Covers for Ridge Top Boxes.

NEC/CEC:
Listed for Ordinary Locations

	Receptacle	Plug	Pole/Wire	Catalog Number Receptacles: Malleable Iron Ridge Top	Catalog Number Receptacles: Aluminum Ridge Top	Catalog Number: Plug
Receptacle cover has threaded aluminum cap. Plug has neoprene boot and aluminum fastening ring. Furnished with receptacle, neoprene gasket, stainless steel screws.						
Non-Locking, "U" Shaped Grounding Type — Receptacle takes "U" shaped or round grounding contact plugs						
	**15 Amp, 125V**					
	NEMA 5-15R 	NEMA 5-15P 	2P, 3W	**FSK5-15**	**FSK5-15-A**	**FSWP5-15**
	20 Amp, 125V					
	NEMA 5-20R 	NEMA 5-20P 	2P, 3W	**FSK5-20** ①	**FSK5-20-A** ①	**FSWP5-20**
	**15 Amp, 250V**					
	NEMA 6-15R 	NEMA 6-15P 	2P, 3W	**FSK6-15**	**FSK6-15-A**	**FSWP6-15**
	20 Amp, 250V					
	NEMA 6-20R 	NEMA 6-20P 	2P, 3W	**FSK6-20** ②	**FSK6-20-A**	**FSWP6-20**
Locking Grounding Type						
	**15 Amp, 125V**					
	NEMA L5-15R 	NEMA L5-15P 	2P, 3W	**FSKL5-15**		**FSWPL5-15**
	15 Amp, 250V					
	NEMA L6-15R 	NEMA L6-15P 	2P, 3W	**FSKL6-15**		**FSWPL6-15**
	15 Amp, 277V					
	NEMA L7-15R 	NEMA L7-15P 	2P, 3W	**FSKL7-15**		**FSWPL7-15**

① *Also takes FSWP5-15 Plugs.*
② *Also takes FSWP6-15 Plugs.*

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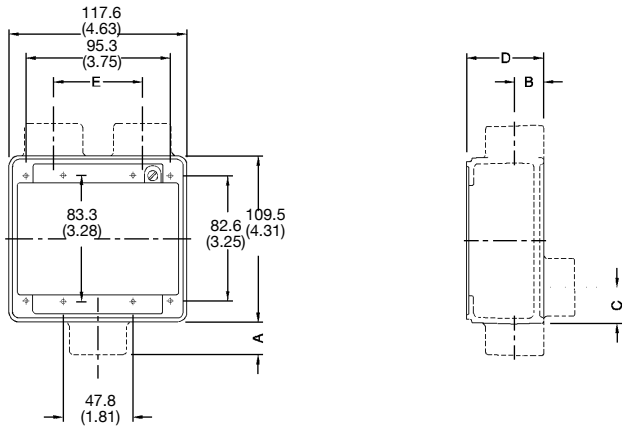
FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

	Size		Gray Iron Weight kg (lb)	Catalog Number		Aluminum Weight kg (lb)	Catalog Number
	1/2	Shallow	1.22 (2.70)	**FS-12**	Shallow	0.41 (0.90)	**FS-12A**
	3/4		1.18 (2.60)	**FS-22**		0.39 (0.87)	**FS-22A**
	1/2	Deep	1.22 (2.70)	**FD-12**	Shallow	0.41 (0.90)	**FD-12A**
	3/4		1.22 (2.70)	**FD-22**		0.41 (0.90)	**FD-22A**
	1		1.27 (2.80)	**FD-32**	Deep	0.42 (0.93)	**FD-32A**
	1/2	Shallow	1.36 (3.00)	**FSC-12**	Shallow	0.45 (1.00)	**FSC-12A**
	3/4		1.36 (3.00)	**FSC-22**		0.45 (1.00)	**FSC-22A**
	1/2	Deep	1.32 (2.90)	**FDC-12**		0.44 (0.97)	**FDC-12A**
	3/4		1.36 (3.00)	**FDC-22**	Deep	0.48 (1.06)	**FDC-22A**
	1		1.41 (3.10)	**FDC-32**		0.47 (1.03)	**FDC-32A**
	1/2 - 3/4	Shallow	1.22 (2.70)	**FSD-212** ①	Shallow	0.41 (0.90)	**FSD-212A** ①

Dimensions in Millimeters (Inches)



FS and FD Two–Gang Devices

	Dimensions in Millimeters (Inches)					
				D		
Hub Size	A	B	C	FS	FD	E
1/2	19.1 (0.75)	16.0 (0.63)	35.1 (1.38)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)
3/4	19.1 (0.75)	19.1 (0.75)	35.1 (1.38)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)
1	22.4 (0.88)	22.4 (0.88)	31.8 (1.25)	50.8 (2.00)	69.9 (2.75)	58.7 (2.31)

① *Hubs at top of illustration are 1/2".*

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC.

CEC:
Listed for Ordinary Locations

	Description	Weight Per 100 kg (lb)	Catalog Number
Two Gang Covers			
	Blank Cover, Steel – Zinc Electroplate	9.07 (20.00)	**FS-42**
	Round Receptacle Cover, Steel – Zinc Electroplate Hole dia. 1-7/16"	8.16 (18.00)	**FS-52**
	Duplex Receptacle Cover, Steel-Zinc Electroplate	6.80 (15.00)	**FS-62**
	Tumbler Switch Cover, Steel –Zinc Electroplate	9.07 (20.00)	**FS-92**
	Combination Duplex Receptacle and Tumbler Switch Cover, Steel - Zinc Electroplate	6.80 (15.00)	**FS-69**
	Combination Duplex Receptacle and Single Receptacle, Steel - Zinc Electroplate	6.80 (15.00)	**FS-65**
Weatherproof Covers			
	Blank Cover, Gray Iron	25.40 (56.00)	**FS-200G** ①
Gasket — Replacement			
	Neoprene - for use with 2-gang cast covers above	—	**FS-GKR-2N**

① *Available in Aluminum: Add suffix* ***-A*** *to catalog number.*

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FS and FD Cast Hub Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

	Description	Weight Per 100 kg (lb)	Catalog Number
Three Gang Covers			
	Duplex Receptacle Cover, Steel – Zinc Electroplate	10.43 (23.00)	**FS-63**
	Tumbler Switch, Steel –Zinc Electroplate	11.34 (25.00)	**FS-93**
Weatherproof Covers			
	Blank Cover, Gray Iron	54.43 (120.00)	**FS-300G** ①

① *Available in Aluminum: Add suffix **-A** to catalog number.*

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FD0 Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

Features

- Thick wall on all four sides.
- Drill and tap anywhere on sidewalls.
- Ground screw at top of box for easy access.
- Two exterior mounting lugs.
- Fits standard sheet metal device covers with four mounting holes.
- Weatherproof when used with gasketed cast weatherproof device covers.

Standard Materials

- Malleable iron or copperfree (4/10 of 1% max.) aluminum

Standard Finishes

- Malleable iron: zinc electroplate
- Aluminum: natural

Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FD0 Cast Device Boxes Drilling and Tapping Information page.*

	Description	Catalog Number Gray Iron	Catalog Number Aluminum
FD0 Unilets with Lugs: FD depth 2-19/32" — Maximum hub size 1-1/2" threaded, and 1-1/4" no-thread or union.			
	Single-Gang	**FD0-1**	**FD0-1A**
	Two-Gang	**FD0-2**	**FD0-2A**
	Three-Gang	**FD0-3**	**FD0-3A**
	Four-Gang	**FD0-4**	**FD0-4A**

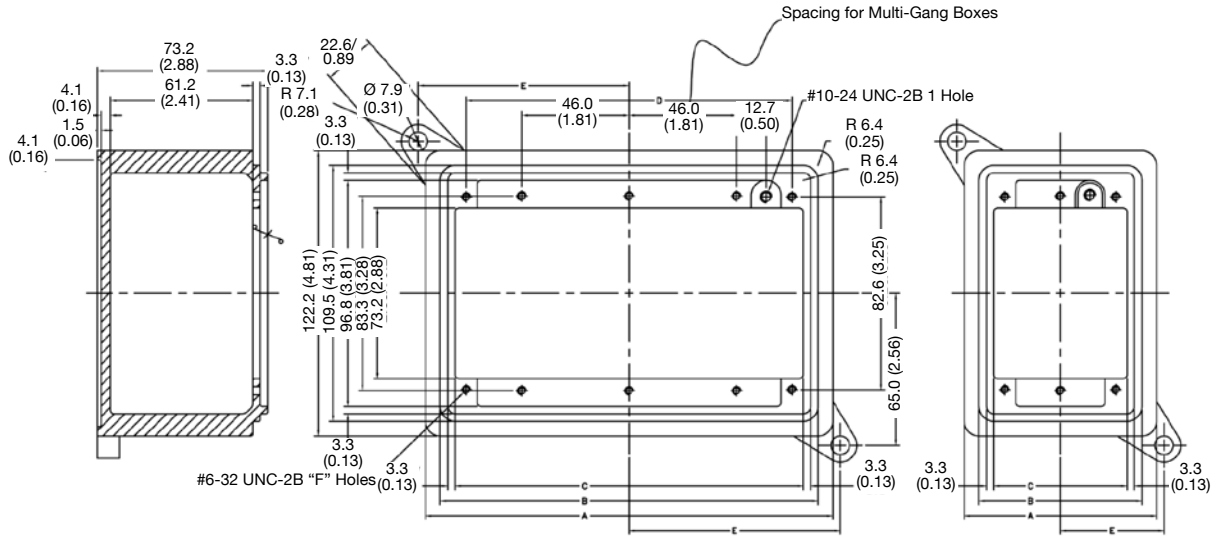
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FD0 Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

Dimensions in Millimeters (Inches)



FDO Unilets

No. of Gangs	A	B	C	D	E	F
1	82.60 (3.25)	69.90 (2.75)	58.67 (2.31)	47.80 (1.88)	44.50 (1.75)	152.40 (6.00)
2	130.30 (5.13)	117.60 (4.63)	106.40 (4.19)	95.30 (3.75)	68.30 (2.69)	203.20 (8.00)
3	177.80 (7.00)	165.10 (6.50)	154.00 (6.06)	143.00 (5.63)	92.20 (3.63)	254.00 (10.00)
4	225.60 (8.88)	212.90 (8.38)	201.70 (7.94)	190.50 (7.50)	115.80 (4.56)	304.80 (12.00)

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FD0 Single and Multiple Gang Cast Device Boxes

Malleable Iron, Aluminum

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

Hub Information

Listed below are the various types of brazed hubs which may be used with the FD0 boxes. Threaded, no-thread and union hubs may be brazed at any desired location.

It is possible to place more than five hubs on the top and bottom of three and four-gang Unilets.

Look at the chart below for the maximum hub diameter and the minimum hub spacing distance. This chart, together with the Unilet dimensions will enable you to figure the maximum number of hubs which may be used.

The hubs will be symmetrically placed about the axis of the Unilets unless exact dimensions are specified on the order.

	Size	Threaded for Rigid Conduit	No Thread for Rigid Conduit	No Thread for Electrical Metallic Tubing	Union
Maximum Hub Size	FS	1	3/4	3/4	3/4
	FD	1-1/2	1-1/4	1-1/4	1-1/4
Maximum Hub Diameter	1/2	1-1/8	1-1/2	1-1/8	1-1/2
	3/4	1-3/8	1-25/32	1-3/8	1-25/32
	1	1-9/16	2-1/32	1-9/16	2-1/32
	1-1/4	1-15/16	2-25/32	1-15/16	2-25/32
	1-1/2	2-3/16	—	—	—
Maximum Distance Between Conduit Centers	1/2	1-1/4	1-9/16	1-1/4	1-9/16
	3/4	1-1/2	1-27/32	1-1/2	1-27/32
	1	1-3/4	2-3/32	1-3/4	2-3/32
	1-1/4	2-1/8	2-29/32	2-1/8	2-29/32
	1-1/2	2-3/8	—	—	—

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FD0 Cast Device Boxes Drilling and Tapping Information

Malleable Iron, Aluminum

UNILETS™ for use with Threaded Rigid Conduit and IMC. All device boxes have ridge top construction.

CEC:
Listed for Ordinary Locations

Ordering Data

To determine the customized FD0 box catalog number with drilled and tapped entries or hubs, the following information should be shown:

1. FD0 box catalog number.
2. Sketch number of entry arrangement selected from illustrations below.
3. Entry symbols taken from the table right. Start from the left on the top of the Unilet and continue in rotation clockwise around its body. Where no entry is required, the symbol X should be inserted. The three various divisions of the catalog number should be separated by dashes.

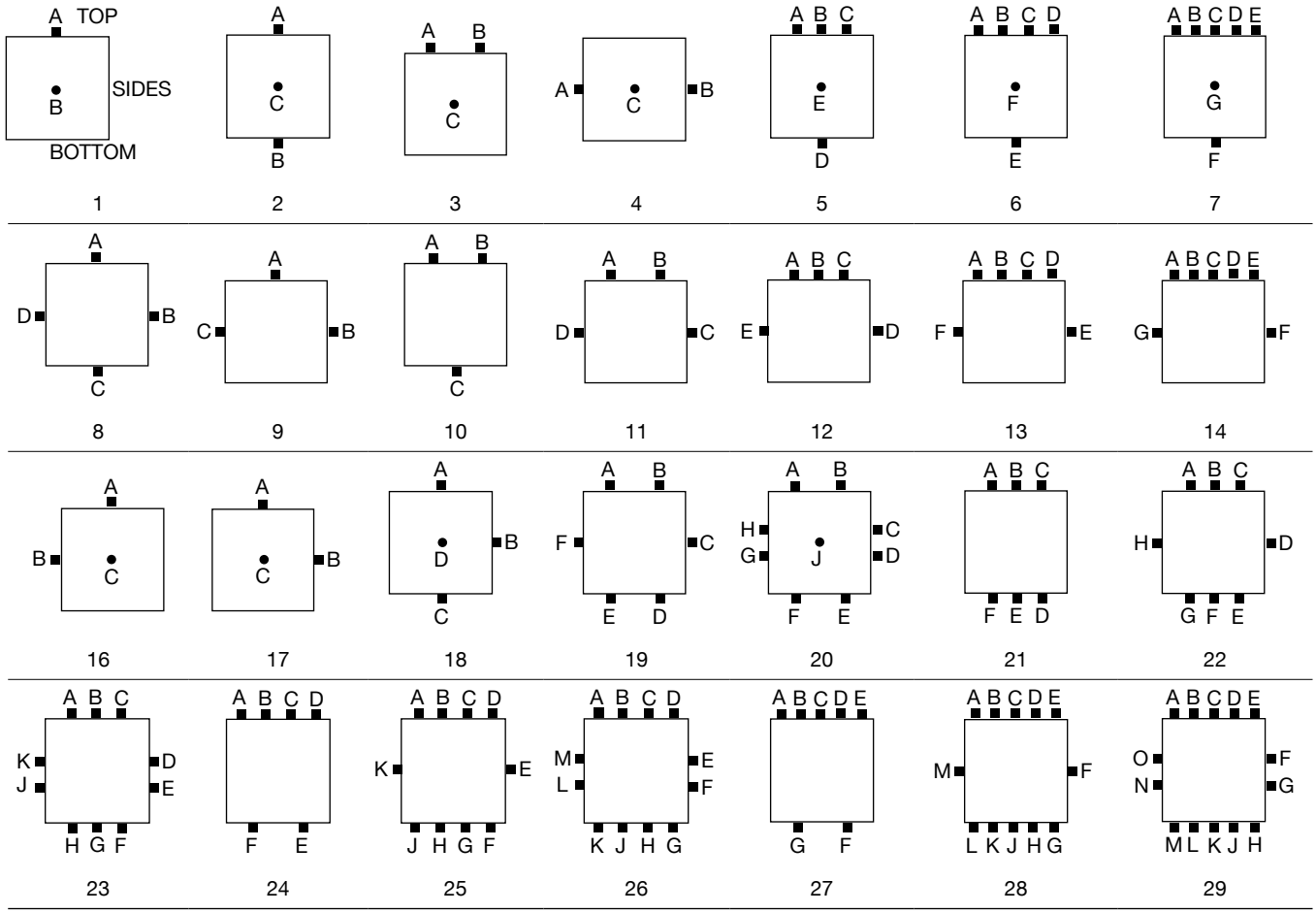
Ordering Example:

The box selected is a FD04 and the entry arrangement is sketch number 12. Entry A, B and C are to be 1/2" drilled and tapped for rigid conduit; D is to be a 1" hub and there is no entry at location E. The catalog number will be as follows FD04-12-111CX.

Symbol Table

Hub Size (Inches)	Brazed Threaded Hub Symbol	Brazed Union Hub Symbol
Blank	**X**	**X**
1/2	**1**	**A**
3/4	**2**	**B**
1	**3**	**C**
1-1/4	**4**	**D**
1-1/2	**5**	**E**
2	**6**	**F**

Single, Two, Three and Four-Gang — Front view and oriented as mounted



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FDB Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.
Threaded Drilled and Tapped Openings from 1/2" thru 1-1/2".

NEC:
Listed for Ordinary Locations

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Internal grounding screws standard.
- Available in single, two and three gang boxes.
- All boxes have mounting lugs.

Standard Materials

- Cast device boxes and boxes for drilling and tapping: malleable iron or copperfree (4/10 of 1% max.) aluminum

Standard Finishes

- Malleable iron boxes: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes: epoxy powder coat

NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FDB Blank Cast Device Boxes, Drilling and Tapping Information* page.



Blank Bodies for Drilling and tapping. FDB–3L shown.



Blank Bodies for Brazed Hubs. FS–2G shown.

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FDB Single and Multiple Gang Cast Device Boxes

UNILETS™ for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.
Threaded Drilled and Tapped Openings for Sizes 1/2" thru 1-1/2".

NEC:
Listed for Ordinary Locations

	Description	Depth (2.69" Deep with Lugs)	Catalog Number Malleable Iron Ridge Top	Catalog Number Aluminum Ridge Top
	Single Gang Box			
	Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)	Deep	**FDB-1L**	**FDB-1L-A**
	Two-Gang Box, Multiple Cover			
	Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)	Deep	**FDB-2L**	**FDB-2L-A**
	Three-Gang Box, Multiple Cover			
	Use with all single gang covers. (Top, bottom and sides may be drilled and tapped)	Deep	**FDB-3L**	**FDB-3L-A**
	Two-Gang Box, Single Cover			
	Use with all two-gang covers. May be drilled and tapped in back of box (wall opposite cover) as well as top, bottom and sides	Deep	**FDB-2GL**	—
	Three-Gang Box, Single Cover			
	Use with all three-gang covers. May be drilled and tapped in back of box (wall opposite cover) as well as top, bottom and sides	Deep	**FDB-3GL**	—

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FDB Single and Multiple Gang Cast Device Boxes

Single, Two, and Three Gang Boxes. Drilled and Tapped Openings from 1/2" thru 1-1/2".

NEC:
Listed for Ordinary Locations

Determine catalog number as follows:

(1) Select FDB device box catalog number;
(2) Select "Standard Conduit Opening Arrangement Diagram" number;
(3) Determine if your desired number and trade size of conduit entries will fit in the FDB box chosen by reviewing the "Maximum Number and Size..." table on page B-19. Select a larger box if you experience a fit problem, and
(4) Select symbols that represent conduit opening sizes from "Symbol Table." (Use "0" where no opening is required and separate the various divisions of the complete catalog number by dashes.)

Example
The blank body device box selected is FDB-3GL and the conduit-opening arrangement is diagram #6. Conduit opening "a" is to be 3/4"; "b", 1"; "c", no opening required; and "d", 1-1/2".
The complete catalog number will be:
FDB–3GL–6–BC0E

If a "Standard Conduit Opening Arrangement" is not suitable for the application, or when openings are to be more accurately spaced, submit sketch locating openings (1) from centerlines of box and (2) from outside back of box (or from mounting lug surface if lugs are supplied).

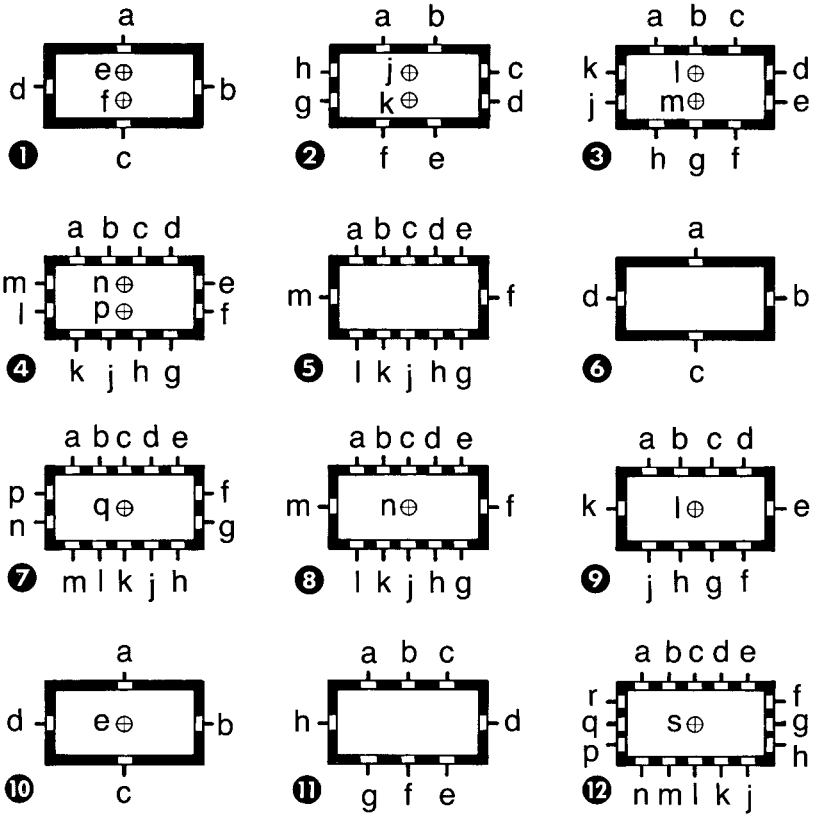
All conduit openings will be located in centerlines of walls and evenly spaced unless otherwise specified.

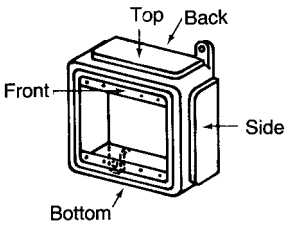
Symbol Table

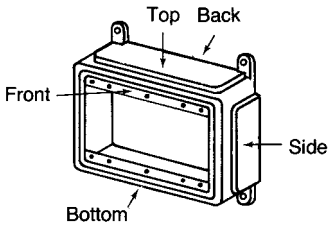
Size of Opening (Inches)	Drilled and Tapped Hole Symbol
Blank	0
1/2	A
3/4	B
1	C
1-1/4	D
1-1/2	E

Standard Conduit Opening Arrangement Diagrams
Hub "a" is always TOP of box

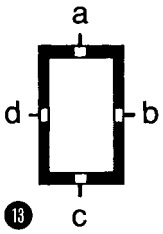
Two and Three Gang (Front View)

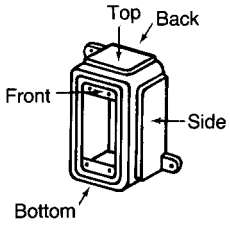






One Gang (Front View)





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FDB Single and Multiple Gang Cast Device Boxes

Single, Two, and Three Gang Boxes. Drilled and Tapped Openings from 1/2" thru 1-1/2".

NEC:
Listed for Ordinary Locations

Minimum Centerline Spacing Between Drilled and Tapped Conduit Openings ①

Allowance made for clearance over Appleton™ BBU Series bushings.
If unions are used, additional space must be allowed.

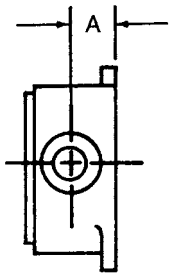
Table shows minimum distances between conduit-opening centerlines in various size combinations. For example, if 3/4" and 1/2" openings are to be drilled and tapped into one side of box, the minimum spacing between centerlines would be 1.31".

Minimum Centerline Spacing in Millimeters (Inches)

Opening Size (Inches)	1/2	3/4	1	1–1/4	1–1/2
1/2	30.2 (1.19)	—	—	—	—
3/4	33.3 (1.31)	36.6 (1.44)	—	—	—
1	36.6 (1.44)	39.6 (1.56)	42.9 (1.69)	—	—
1-1/4	41.4 (1.63)	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	—
1-1/2	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	55.6 (2.19)	58.7 (2.31)
BBU Bushing Dia.	26.9 (1.06)	33.3 (1.31)	39.6 (1.56)	49.3 (1.94)	55.6 (2.19)
UNY/UNF™ Union Dia.	38.1 (1.50)	44.5 (1.75)	50.8 (2.00)	71.4 (2.81)	77.7 (3.06)
Conduit Dia.	22.4 (0.88)	26.9 (1.06)	33.3 (1.31)	42.9 (1.69)	49.3 (1.94)

Distance from Mounting Surface to Centerline of Drilled and Tapped Conduit Opening

Conduit Opening (Inches)	Dim. "A" Millimeters (Inches) FDB–1L FDB–2L FDB–3L	FDB–2GL FDB–3GL
1/2	26.9 (1.06)	26.9 (1.06)
3/4	30.2 (1.19)	30.2 (1.19)
1	33.3 (1.31)	33.3 (1.31)
1-1/4	35.1 (1.38)	36.6 (1.44)
1-1/2	37.75 (1.25)	38.1 (1.50)



Maximum Number and Sizes of Drilled and Tapped Conduit Openings Per Top, Bottom, Side and Back *

Allowance made for clearance over Appleton™ BBU Series bushings.

Type Box	Size (Inches)	Max. No. Of Openings Top or Bottom	Per Side	Back	Type Box	Size (Inches)	Max. No. Of Openings Top or Bottom	Per Side	Back
FDB-1L One Single-Gang Cover	1/2	1	1	none	FDB-2GL One Two-Gang Cover	1/2	3	3	2
	3/4	1	1			3/4	2	2	2
	1	1	1			1	2	2	2
	1-1/4	1	1			1-1/4	2	2	1
	1-1/2	1	1			1-1/2	1	1	1
FDB-2L Two Single-Gang Covers	1/2	4	3	none	FDB-3GL One Three-Gang Cover	1/2	5	3	2
	3/4	4	2			3/4	4	2	2
	1	3	2			1	3	2	2
	1-1/4	3	2			1-1/4	3	2	1
	1-1/2	2	1			1-1/2	2	1	1
FDB-3L Three Single-Gang Covers	1/2	7	3	none					
	3/4	6	2						
	1	5	2						
	1-1/4	4	2						
	1-1/2	3	1						

① *Conduit openings will be located in centerline of walls and evenly spaced unless otherwise specified.*

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FDB Single and Multiple Gang Cast Device Boxes

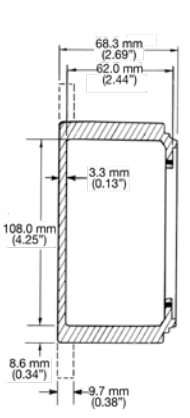
NEC:
Listed for Ordinary Locations

Wiring Capacity

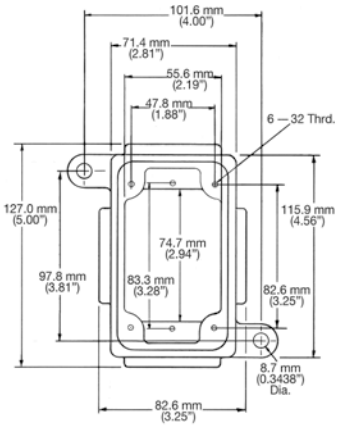
Gangs	Catalog Number	Volume — dm³ (in³)
Single	**FDB-1L**	0.43 (26.00)
Two	**FDB-2L**	1.07 (65.00)
Three	**FDB-3L**	1.61 (98.00)
Two	**FDB-2GL**	0.74 (45.00)
Three	**FDB-3GL**	1.02 (62.00)

Dimensions in Millimeters (Inches) — All cover and device screws 6—32 thread.

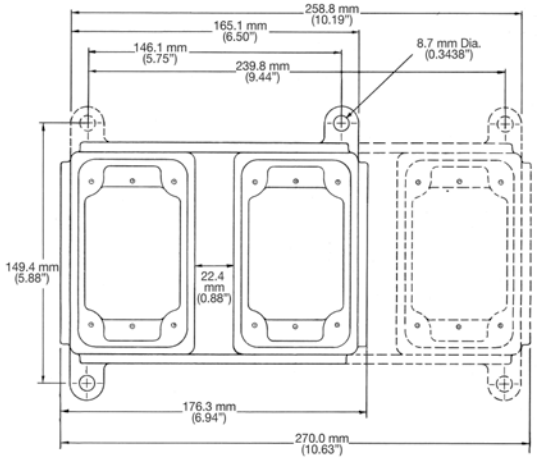
FDB Single, Two, and Three Gang Multiple Cover Boxes.



Side

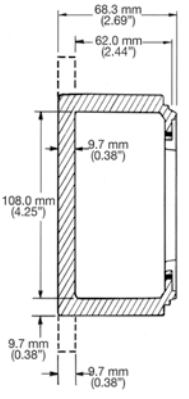


FDB–1L

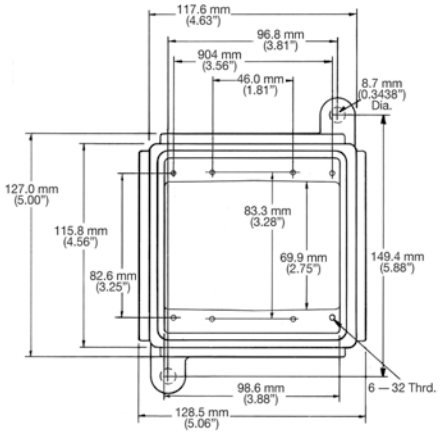


FDB–2L/FDB–3L

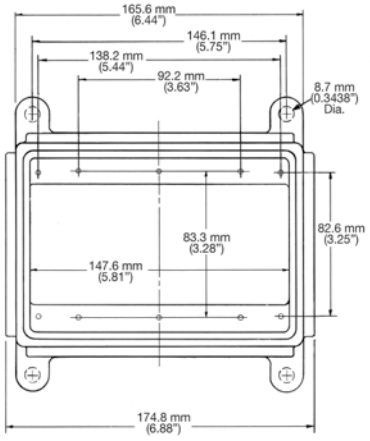
FDB Two and Three Gang Single Cover Boxes.



Side



FDB–2GL



FDB–3GL

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FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4"). Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1-5/8" in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two, three and four gang boxes.
- Brazed threaded hubs for threaded conduit from 1/2" thru 1-1/2" and brazed union hubs from 1/2" thru 1-1/4.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Standard Materials

- Brazed hub device boxes: malleable iron
- Brazed hubs: malleable iron
- Covers: malleable iron or steel
- Cover screws: stainless steel, 6—32 thread

Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

NEC Certifications and Compliances

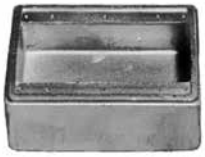
- UL Standard: 514A
- UL Listed: E2527
- NEMA Standard: FB-1

Reference Data

- When ordering drilled and tapped openings or brazed hubs for blank bodies, refer to *FDH Cast Device Boxes Drilling and Tapping Information* pages.



Blank Bodies for Drilling and tapping. FD–3L shown.



Blank Bodies for Brazed Hubs. FS–3G shown.

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FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4"). Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

	Description	Depth (2.69" Deep with Lugs)	Catalog Number Malleable Iron Ridge Top
Single-Gang Box			
	Use with single-gang covers	Deep	**FD-1L**
Two-Gang Box, Multiple Cover			
	Use with single-gang covers	Deep	**FD-2L**
Three-Gang Box, Multiple Cover			
	Use with single-gang covers	Deep	**FD-3L**
Four-Gang Box, Multiple Cover			
	Use with single-gang covers	Deep	**FD-4L**

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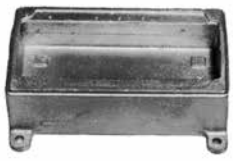
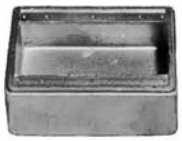
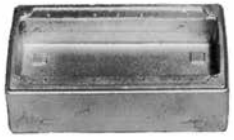
FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Available with Hub Sizes from 1/2" through 1-1/2" (Union 1/2" through 1-1/4").
Furnished with Internal Ground Screw.

NEC:
Listed for Ordinary Locations

FS Box (Shallow) 2.00", FD Box (Deep) 2.69"

	Brazed Hubs Description	Depth	Catalog Number Malleable Iron Ridge Top
FS and FD with Lugs			
	Single-Gang Box	Shallow	**FS-1GL**
	Two-Gang Box	Shallow	**FS-2GL**
	Single Cover	Deep	**FD-2GL**
	Three-Gang Box	Shallow	**FS-3GL**
	Single Cover	Deep	**FD-3GL**
	Four-Gang Box	Shallow	**FS-4GL** ①
	Single Cover	Deep	**FD-4GL**
FS and FD without Lugs			
	Two-Gang Box	Shallow	**FS-2G** ①
	Single Cover	Deep	**FD-2G**
	Three-Gang Box	Shallow	**FS-3G** ①
	Single Cover	Deep	**FD-3G**
	Four-Gang Box	Shallow	**FS-4G** ①
	Single Cover	Deep	**FD-4G**

① *Not furnished with internal ground screw.*

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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FDH Single and Multiple Gang Cast Device Boxes

NEC:
Listed for Ordinary Locations

	Description	Catalog Number Malleable Iron	Steel
	**Stamped Steel Covers** Furnished with stainless steel screws, less gasket For square handle tumbler or toggle flush switches	—	**FSK-4TS**
	**Malleable Iron Cast Covers - Weatherproof** Furnished with gasket and stainless steel screws Blank Cast	**FSK-4B-CM**	—
	**Gasket — Replacement** Neoprene — for use with 4-gang cast covers above	**FS-GKR-4N**	**FS-GKR-4N**

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FDH Single and Multiple Gang Cast Device Boxes

Single-, Two-, Three-, and Four-Gang Boxes. Brazed Threaded Hubs for Rigid Conduit, 1/2" through 1-1/2"; Brazed Union Hubs, 1/2" through 1-1/4".

NEC:
Listed for Ordinary Locations

Determine catalog number as follows:

(1) Select FDH device box catalog number;
(2) Select "Standard Hub Arrangement Diagram" number;
(3) Detemine if your desired number and trade size of conduit entries will fit in the FDH box choosen, by reviewing the "Maximum Number and Size..." table on page B-25. Select a larger box if you experience a fit problem: and
(4) Delect symbols that represent hub sizes from "Symbol Table." (Use "0" where no hub is required, and separate the various divisions of the complete catalog number by dashes.)

Example:
The blank body device box selected is FS-3GL and the hub arrangement is diagram #8. Hub "a" is to be 1/2" BRAZED THREADED; hub "b", 1" BRAZED THREADED; hub "c", 3/4" BRAZED THREADED; hub "d", no hub is required; and hub "e", 1-1/4" BRAZED UNION.
The complete catalog number will be:
FS-3GL—8—1320U

If a "Standard Hub Arrangement" is not suitable for the application, or when hubs are to be more accurately spaced, submit sketch locating hubs (1) from centerlines of walls and (2) from outside back of box (or from mounting lug surface if lugs are supplied).

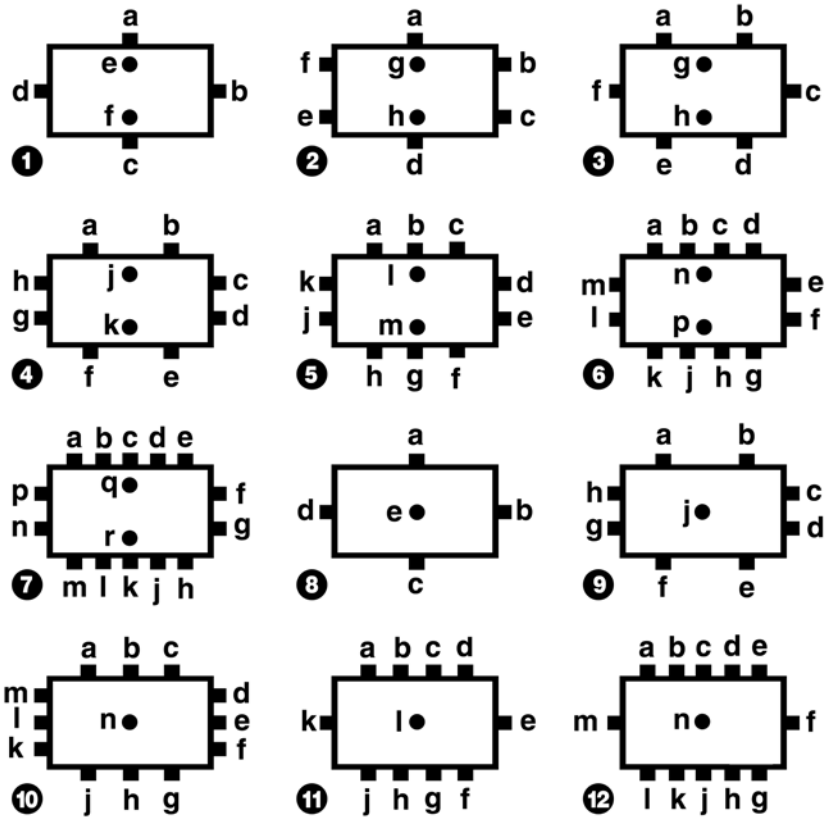
All hubs will be located in centerlines of walls and evenly spaced unless otherwise specified.

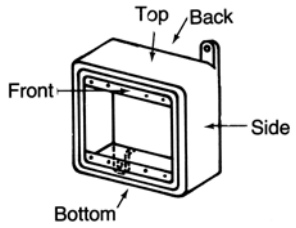
Symbol Table

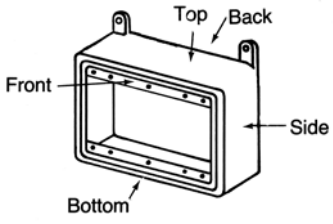
Hub Size (Inches)	Brazed Threaded Hub Symbol	Brazed Union Hub Symbol
Blank	**0**	**0**
1/2	**1**	**R**
3/4	**2**	**S**
1	**3**	**T**
1-1/4	**4**	**U**
1-1/2	**5**	**—**

Standard Conduit Opening Arrangement Diagrams
Hub "a" is always TOP of box

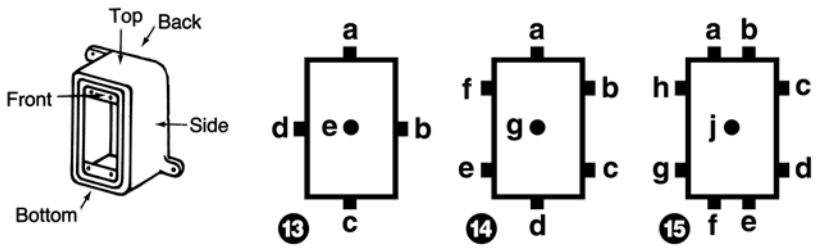
Two, Three and Four Gang (Front View)







One Gang (Front View)



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FDH Single and Multiple Gang Cast Device Boxes

Single-, Two-, Three-, and Four-Gang Boxes. Brazed Threaded Hubs for Rigid Conduit, 1/2" through 1-1/2"; Brazed Union Hubs, 1/2" through 1-1/4".

NEC:
Listed for Ordinary Locations

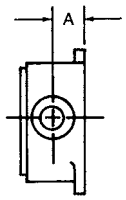
Minimum Centerline Spacing Between Brazed Threaded Hubs ①

Table shows minimum distances between hub centerlines in various size combinations. For example, if 1-1/4" and 1/2" openings are to be brazed on one side of box, the minimum spacing between centerlines would be 1.75". If union hubs are used, additional space must be allowed.

Minimum Centerline Spacing in Inches

Hub Size (Inches)	1/2	3/4	1	1–1/4	1–1/2
1/2	31.8 (1.25)				
3/4	35.1 (1.38)	38.1 (1.50)			
1	39.6 (1.56)	42.9 (1.69)	46.0 (1.81)		
1-1/4	44.5 (1.75)	47.8 (1.88)	50.8 (2.00)	55.6 (2.19)	
1-1/2	49.3 (1.94)	52.3 (2.06)	55.6 (2.19)	60.5 (2.38)	65.0 (2.56)
Hub Dia.	28.7 (1.13)	35.0 (1.38)	41.4 (1.63)	50.8 (2.00)	60.5 (2.38)
Conduit Dia.	22.4 (0.88)	26.9 (1.06)	33.3 (1.31)	42.9 (1.69)	49.3 (1.94)
UNY/UNF Union Dia.	38.1 (1.50)	44.5 (1.75)	50.8 (2.00)	71.4 (2.81)	—

Distance from Mounting Surface to Centerline of Brazed Threaded Hubs



Hub Size (Inches)	Dimensions "A" Millimeters (Inches)
1/2	16.0 (0.63)
3/4	19.1 (0.75)
1	22.4 (0.88)
1-1/4	27.7 (1.09)
1-1/2	31.0 (1.22)

Maximum Number and Sizes of Drilled and Tapped Conduit Openings Per Top, Bottom, Side and Back ①

Allowance made for clearance over Appleton™ BBU Series bushings.

Type Box	Hub Size (Inches)	Max. No. Of Openings Top or Bottom	Per Side	Back
FD-1L One Single-Gang Cover	1/2	2	2	1
	3/4	1	2	1
	1	1	2	1
	1-1/4	1	1	1
	1-1/2	1	1	1
FD-2L Two Single Gang Covers	1/2	4	2	4
	3/4	2	2	4
	1	2	2	4
	1-1/4	2	1	2
	1-1/2	2	1	2
FD-3L Three Single Gang Covers	1/2	6	2	6
	3/4	3	2	6
	1	3	2	6
	1-1/4	3	1	3
	1-1/2	3	1	3
FD-4L Four Single Gang Covers	1/2	8	2	8
	3/4	4	2	8
	1	4	2	8
	1-1/4	4	1	4
	1-1/2	4	1	4
FS-1GL One Single Gang Cover	1/2	2	2	1
	3/4	1	2	1
	1	1	2	1
	1-1/4	None	None	1
	1-1/2	None	None	1
FS-2G and FS-2GL One Two Gang Cover	1/2	3	2	4
	3/4	2	2	4
	1	2	2	4
	1-1/4	None	None	2
	1-1/2	None	None	2
FS-3G and FS-3GL One Three-Gang Cover	1/2	4	2	6
	3/4	3	2	6
	1	3	2	6
	1-1/4	None	None	3
	1-1/2	None	None	3
FS-4G and FS-4GL One Four Gang Cover	1/2	5	2	8
	3/4	4	2	8
	1	4	2	8
	1-1/4	None	None	4
	1-1/2	None	None	4
FD-2G and FD-2GL One Two Gang Cover	1/2	3	2	4
	3/4	2	2	4
	1	2	2	4
	1-1/4	1	1	2
	1-1/2	1	1	2
FD-3G and FD-3GL One Three Gang Cover	1/2	4	2	6
	3/4	3	2	6
	1	3	2	6
	1-1/4	2	1	3
	1-1/2	2	1	3
FD-4G and FD-4GL One Four Gang Cover	1/2	5	2	8
	3/4	4	2	8
	1	4	2	8
	1-1/4	3	1	4
	1-1/2	3	1	4

① *Hubs will be located in center of walls and evenly spaced unless otherwise specified. Where spacings are critical, submit sketch showing exact spacing requirements.*

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FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs.

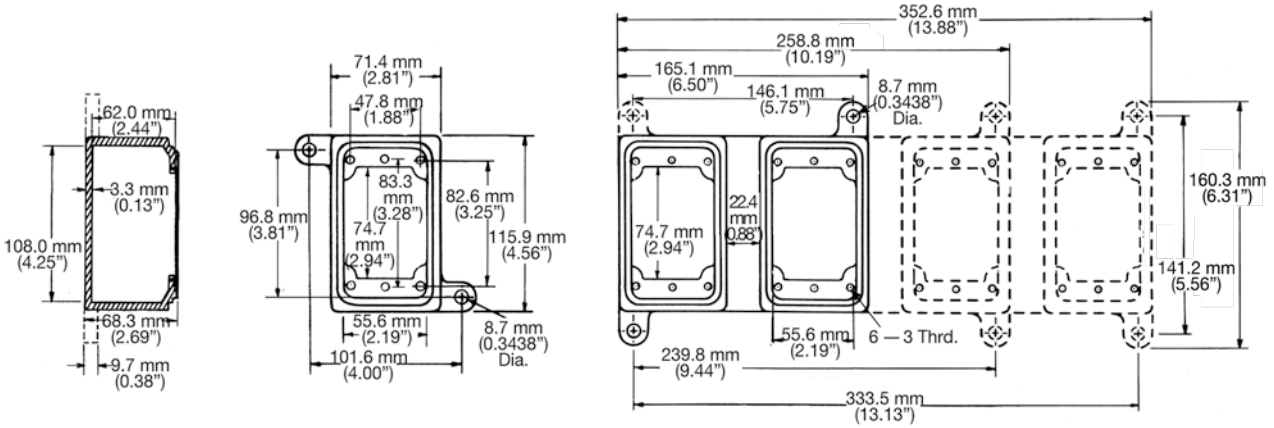
NEC:
Listed for Ordinary Locations

Wiring Capacity

		Capacity — dm³ (in³)		
Gangs	**Catalog Number**	**Volume**	**Catalog Number**	**Volume**
Single	FS-1GL	0.29 (18.00)	FD-1L	0.43 (26.00)
Two	FS-2G	0.52 (32.00)	FD-2G, FD-2GL	0.74 (45.00)
Two	FS-2GL	0.52 (32.00)	FD-2L	1.07 (65.00)
Three	FS-3G	0.75 (46.00)	FD-3G, FD-3GL	1.02 (62.00)
Three	FS-3GL	0.75 (46.00)	FD-3L	1.61 (98.00)
Four	FS-4G	0.95 (58.00)	FD-4G, FD-4GL	1.28 (78.00)
Four	FS-4GL	0.95 (58.00)	FD-4L	2.13 (130.00)

Dimensions in Millimeters (Inches)

Single, Multiple Gang Boxes with Multiple Covers



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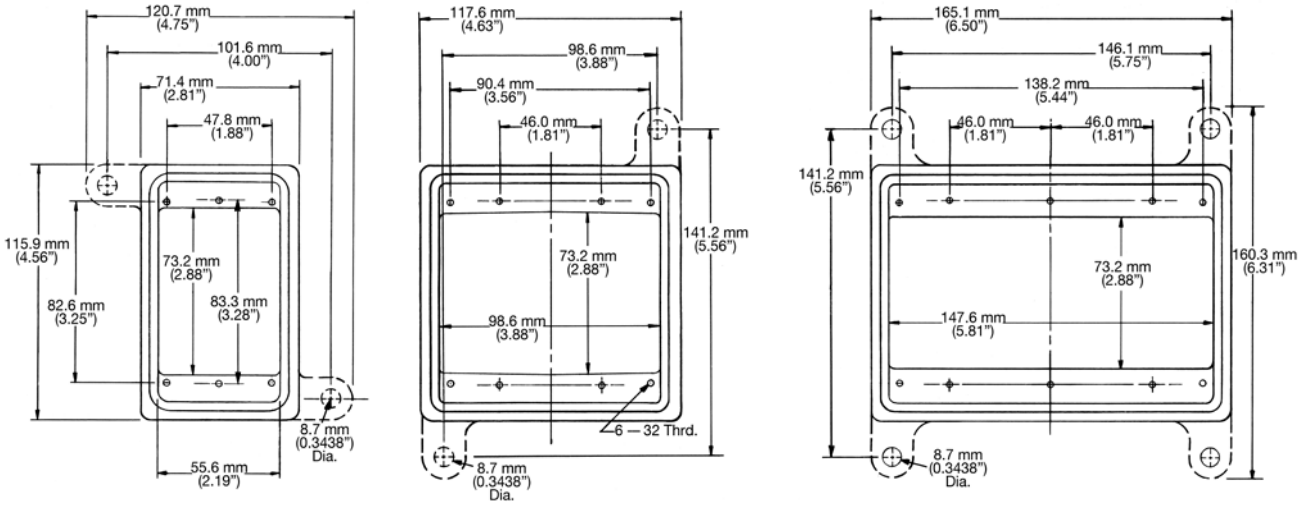
FDH Single and Multiple Gang Cast Device Boxes

Blank Bodies for Brazed Hubs.

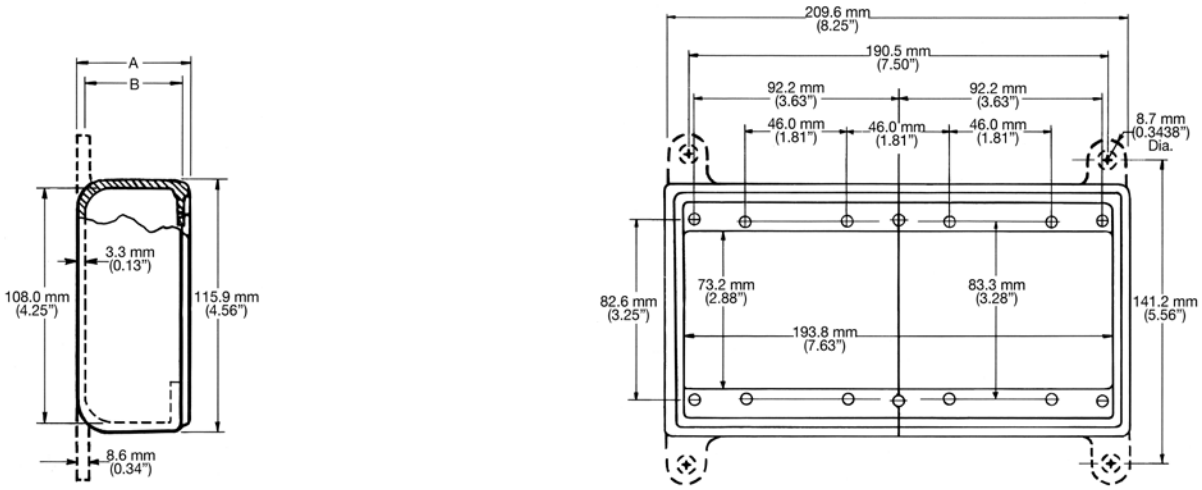
NEC:
Listed for Ordinary Locations

Dimensions in Millimeters (Inches)

Two and Three Gang Single Cover Boxes



FS and FD Four Gang Single Cover Boxes



A		B	
"FS"	"FD"	"FS"	"FD"
50.8 (2.00)	68.3 (2.69)	45.2 (1.78)	62.0 (2.44)

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OCB Outdoor Connection Box

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a simple method of installing receptacles used for head-bolt heater outlets in cold area, recreational vehicles, parking areas, trucking terminals, etc.
- Replaces makeshift enclosures and is an easy way to install outdoor wiring devices.

Features

- Easy installation.
- Standard set-screw design provides easy slip-fit mounting on either unthreaded or threaded 4" trade size rigid or IMC conduit.
- Set screws allow permanent positioning of receptacle openings as required.
- Use with standard receptacles and covers.
- Has four standard FS openings which accommodate single, duplex and GFI receptacles and weatherproof covers.
- Internal grounding screw standard.
- Corrosion resistant construction.
- Compact profile.
- Large volume for wiring capacity to allow feed-thru and splices.

Standard Materials

- Copperfree (4/10 of 1% max.) aluminum

Standard Finishes

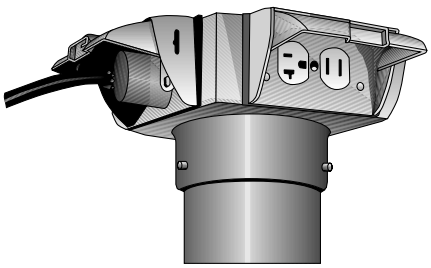
Aluminum Enamel

NEC/CEC Certifications and Compliances

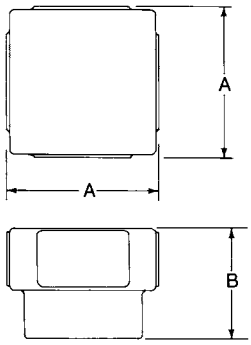
- UL Standard: 514A
- UL Listed: E-18095
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795



Type OCB



Typical Application
(covers, receptacles not supplied)



Dimensional Data

Hub Size With 3 Set Scews	Wiring Capacity dm^3 (in^3)	No. Duplex Receptacle Openings	Dimensions in Millimeters (Inches) A	B	Catalog Number
4	1.62 (99.00)	4	166.62 (6.56)	123.95 (4.88)	**OCB404-SA**

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XJ Expansion Fittings

For Rigid Metal Conduit.

Applications

- "XJ" Expansion Couplings provide for movement that takes place on long runs of conduit installed in buildings of great length and between Divisions of buildings which are sectioned apart by structural expansion joints.

Features

- Couplings have the equivalent of weather-tight joints for use with heavywall conduit.
- Metallic packing ring to insure the entire conduit system remains a continuous electrical conductor.
- Copper Bonding Jumpers are available to provide additional effective metallic bond to each conduit run.
- "XJ" Expansion Couplings have been Listed by UL for use with Bonding Jumpers in indoor and outdoor locations.

Material/Finish

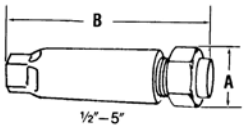
- XJ: malleable iron
- BJ: copper
- Hot-dip galvanized

NEC Certifications and Compliances

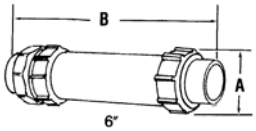
- UL Standard: 467
- UL Listed: E14814



Expansion Couplings



4" Movement



8" Movement



Bonding Jumper

XJ Expansion Couplings — 4" Movement - 2" in either direction

Size (Inches)	Dimensions In Millimeters (Inches) A	B	Weight Per 100 kg (lb)	Catalog Number Expansion Couplings	Bonding Jumper – 14"
1/2	50.8 (2.00)	158.8 (6.25)	77.1 (170.00)	**XJ504**	**BJ45075**
3/4	57.2 (2.25)	162.1 (6.38)	90.7 (200.00)	**XJ754**	**BJ45075**
1	66.8 (2.63)	168.4 (6.63)	127.0 (280.00)	**XJ1004**	**BJ41012**
1-1/4	79.5 (3.13)	168.4 (6.63)	158.8 (350.00)	**XJ1254**	**BJ41012**
1-1/2	88.9 (3.50)	168.4 (6.63)	226.8 (500.00)	**XJ1504**	**BJ41520**
2	101.6 (4.00)	181.1 (7.13)	317.5 (700.00)	**XJ2004**	**BJ41520**
2-1/2	114.3 (4.50)	190.5 (7.50)	362.9 (800.00)	**XJ2504**	**BJ42530**
3	136.7 (5.38)	206.5 (8.13)	499.0 (1100.00)	**XJ3004**	**BJ42530**
3-1/2	152.4 (6.00)	215.9 (8.50)	657.7 (1450.00)	**XJ3504**	**BJ43540**
4	168.4 (6.63)	219.2 (8.63)	839.1 (1850.00)	**XJ4004**	**BJ43540**
5	203.2 (8.00)	241.3 (9.50)	1020.6 (2250.00)	**XJ5004**	**BJ45060**

XJ Expansion Couplings — 8" Movement - 4" in either direction

Size (Inches)	Dimensions In Millimeters (Inches) A	B	Weight Per 100 kg (lb)	Catalog Number Expansion Couplings	Bonding Jumper – 24"
1/2	50.8 (2.00)	260.4 (10.25)	122.5 (270.00)	**XJ508**	**BJ85075**
3/4	57.2 (2.25)	263.7 (10.38)	145.1 (320.00)	**XJ758**	**BJ85075**
1	66.8 (2.63)	270.0 (10.63)	199.6 (440.00)	**XJ1008**	**BJ81012**
1-1/4	79.5 (3.13)	270.0 (10.63)	235.9 (520.00)	**XJ1258**	**BJ81012**
1-1/2	88.9 (3.50)	270.0 (10.63)	326.6 (720.00)	**XJ1508**	**BJ81520**
2	101.6 (4.00)	282.7 (11.13)	467.2 (1030.00)	**XJ2008**	**BJ81520**
2-1/2	114.3 (4.50)	292.1 (11.50)	530.7 (1170.00)	**XJ2508**	**BJ82530**
3	136.7 (5.38)	308.1 (12.13)	703.1 (1550.00)	**XJ3008**	**BJ82530**
3-1/2	152.4 (6.00)	317.5 (12.50)	884.5 (1950.00)	**XJ3508**	**BJ83540**
4	168.4 (6.63)	320.8 (12.63)	1088.6 (2400.00)	**XJ4008**	**BJ83540**
5	203.2 (8.00)	342.9 (13.50)	1496.9 (3300.00)	**XJ5008**	**BJ85060**
6	241.3 (9.50)	390.7 (15.38)	2562.8 (5650.00)	**XJ6008**	**BJ85060**

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AX Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To allow for expansion and contraction in a run of rigid metal conduit.
- For applications involving IMC a 15” min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC
- Type AX provides for a maximum of 4” conduit movement (2” in either direction).
- Type AX-8 provides for a maximum of 8” conduit movement (4” in either direction).

Features

- Weatherproof
- Concretetight
- Includes insulating bushing
- Bonding jumpers

Standard Materials

- Malleable or ductile iron

Standard Finishes

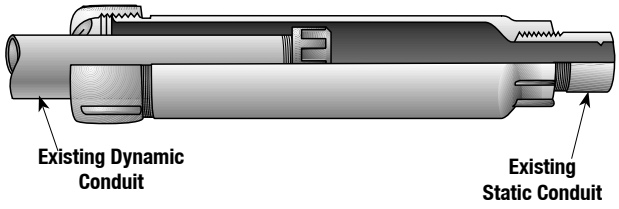
- Hot dip galvanized

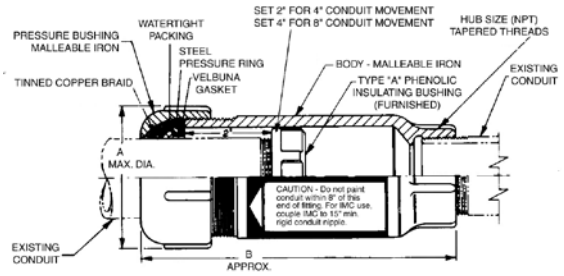
Options

- Type AX and Type AX-8 expansion fittings are available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog Number (Example: AX-50A). Use ABJ jumpers.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 11584
- Wet or dry locations - use with Type BJ external bonding jumpers
- Wet or dry locations
- NEMA: FB-1





8” Conduit Movement (4” in Either Direction)

Trade Size (In.)	Dimensions Millimeters (Inches) A Max. Dia.	B Overall Length	Catalog Number	Catalog Number
4 Inch Movement — 2" in either direction				**Bonding Jumper - 14"**
1/2	50.80 (2.00)	158.75 (6.25)	**AX-50**	**BJ-0507-14**
3/4	57.15 (2.25)	162.05 (6.38)	**AX-75**	**BJ-0507-14**
1	66.80 (2.63)	168.40 (6.63)	**AX-100**	**BJ-1012-14**
1-1/4	79.50 (3.13)	168.40 (6.63)	**AX-125**	**BJ-1012-14**
1-1/2	88.90 (3.50)	168.40 (6.63)	**AX-150**	**BJ-1520-14**
2	101.60 (4.00)	181.10 (7.13)	**AX-200**	**BJ-1520-14**
2-1/2	114.30 (4.50)	190.50 (7.50)	**AX-250**	**BJ-2530-14**
3	136.65 (5.38)	206.50 (8.13)	**AX-300**	**BJ-2530-14**
3-1/2	152.40 (6.00)	215.90 (8.50)	**AX-350**	**BJ-3540-14**
4	168.40 (6.63)	219.20 (8.63)	**AX-400**	**BJ-3540-14**
5	203.20 (8.00)	241.30 (9.50)	**AX-500**	**BJ-5060-14**
6	See EX Expansion Fittings			
8 Inch Movement — 4" in either direction				**Bonding Jumper - 24"**
1/2	50.80 (2.00)	260.35 (10.25)	**AX-8-50**	**BJ-0507-24**
3/4	57.15 (2.25)	263.65 (10.38)	**AX-8-75**	**BJ-0507-24**
1	66.80 (2.63)	270.00 (10.63)	**AX-8-100**	**BJ-1012-24**
1-1/4	79.50 (3.13)	270.00 (10.63)	**AX-8-125**	**BJ-1012-24**
1-1/2	88.90 (3.50)	270.00 (10.63)	**AX-8-150**	**BJ-1520-24**
2	101.60 (4.00)	282.70 (11.13)	**AX-8-200**	**BJ-1520-24**
2-1/2	114.30 (4.50)	292.10 (11.5)	**AX-8-250**	**BJ-2530-24**
3	136.65 (5.38)	308.10 (12.13)	**AX-8-300**	**BJ-2530-24**
3-1/2	152.40 (6.00)	311.15 (12.25)	**AX-8-350**	**BJ-3540-24**
4	168.40 (6.63)	314.45 (12.38)	**AX-8-400**	**BJ-3540-24**
5	203.20 (8.00)	342.90 (13.50)	**AX-8-500**	**BJ-5060-24**
6	See EX Expansion Fittings			

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TX Expansion Fittings

For Electrical Metallic Tubing (EMT).

NEC:
Listed for Ordinary Locations

Applications

- To allow for expansion and contraction in a run of electrical metallic tubing (EMT).

Features

- A maximum of 4" conduit movement is provided (2" in either direction)
- These fittings, less the EMT connectors and conduit nipple, are our Type AX expansion fittings which are listed by Underwriters Laboratories, Inc., for use with rigid conduit when used with bonding jumpers.
- Concretetight

Standard Finishes

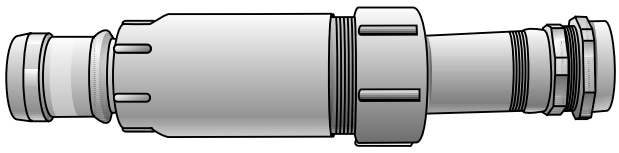
- Basic Type AX expansion fitting is Hot Dip Galvanized. Other metal parts are Zinc Plated

Options

- Type AX and Type AX-8 expansion fittings are available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog Number (Example: AX-50A). Use ABJ jumpers.

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 14895
- NEMA: FB-1



Type TX Provides for 4" EMT Movement

EMT Size	Catalog Number	24" Bonding Jumper Catalog Number
1/2	**TX-50**	**BJ-0507-24**
3/4	**TX-75**	**BJ-0507-24**
1	**TX-100**	**BJ-1012-24**
1-1/4	**TX-125**	**BJ-1012-24**
1-1/2	**TX-150**	**BJ-1520-24**
2	**TX-200**	**BJ-1520-24**
2-1/2	**TX-250**	**BJ-2530-24**
3	**TX-300**	**BJ-2530-24**
3-1/2	**TX-350**	**BJ-3540-24**
4	**TX-400**	**BJ-3540-24**

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EX Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To allow for expansion and contraction of conduit.
- Permits 8" conduit movement (4" in either direction).
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC.

Features

- Weatherproof
- Available in custom length. Contact your local representative for pricing and availablity.
- Available for EMT. Contact your local representative for pricing and availablity.

Standard Materials

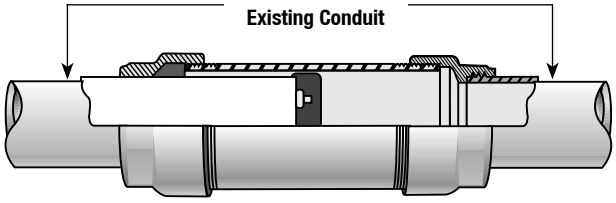
- Head - malleable or ductile iron
- Sleeve - steel
- Insulating bushing - phenolic

Finish

- Hot dip galvanized

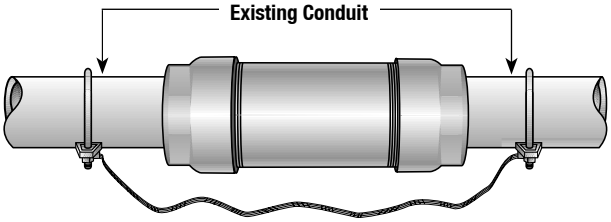
NEC/CEC Certifications and Compliances

- UL Standard: 514
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 11584
- NEMA: FB-1



TYPE EX

8" Conduit Movement (4" in Either Direction)



Bonding Jumper (Application)

Trade Size (Inches)	Dimensions Inches		Catalog Number	Bonding Jumper – 24" Catalog Number
	Max. Dia.	Overall Length		
1/2	44.45 (1.75)	279.40 (11.00)	**EX-50**	**BJ-0507-24**
3/4	54.10 (2.13)	289.05 (11.38)	**EX-75**	**BJ-0507-24**
1	60.45 (2.38)	298.45 (11.75)	**EX-100**	**BJ-1012-24**
1-1/4	73.15 (2.88)	301.75 (11.88)	**EX-125**	**BJ-1012-24**
1-1/2	85.85 (3.38)	311.15 (12.25)	**EX-150**	**BJ-1520-24**
2	101.60 (4.00)	317.50 (12.50)	**EX-200**	**BJ-1520-24**
2-1/2	117.60 (4.63)	336.55 (13.25)	**EX-250**	**BJ-2530-24**
3	130.30 (5.13)	336.55 (13.25)	**EX-300**	**BJ-2530-24**
3-1/2	146.05 (5.75)	342.90 (13.50)	**EX-350**	**BJ-3540-24**
4	158.75 (6.25)	349.25 (13.75)	**EX-400**	**BJ-3540-24**
5	212.85 (8.38)	384.30 (15.13)	**EX-500**	**BJ-5060-24**
6	241.30 (9.50)	390.65 (15.38)	**EX-600** ①	**BJ-5060-24**

① *Not CSA Certified*

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BJ Bonding Jumpers

For Rigid Steel, IMC and EMT.

NEC/CEC:
Listed for Ordinary Locations

Applications

- Type BJ - For bonding two rigid, EMT or IMC steel conduits together.

Standard Materials

- Clamps - malleable or ductile iron
- U-bolts - steel
- Braids - tin copper

Finish

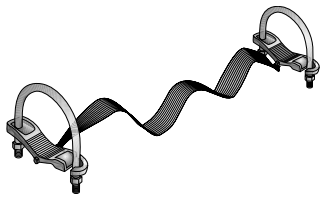
- Clamps and U-bolts are hot dip galvanized

Options

- Available in custom lengths. Contact your local representative for pricing and availability.

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 15978
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type BJ

14" – Use with Type AX			24" – Use with Type AXB, TX and EX		
Trade Size (Inches)			Trade Size (Inches)		
Min.	Max.	Catalog Number	Min.	Max.	Catalog Number
1/2	3/4	**BJ-0507-14**	1/2	3/4	**BJ-0507-24**
1	1-1/4	**BJ-1012-14**	1	1-1/4	**BJ-1012-24**
1-1/2	2	**BJ-1520-14**	1-1/2	2	**BJ-1520-24**
2-1/2	3	**BJ-2530-14**	2-1/2	3	**BJ-2530-24**
3-1/2	4	**BJ-3540-14**	3-1/2	4	**BJ-3540-24**
5	6	**BJ-5060-14**	5	6	**BJ-5060-24**

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ABJ Bonding Jumpers

For Rigid Aluminum Conduit.

NEC/CEC:
Listed for Ordinary Locations

Applications

- For bonding two rigid aluminum conduits together or when used with aluminum expansion fittings.

Standard Materials

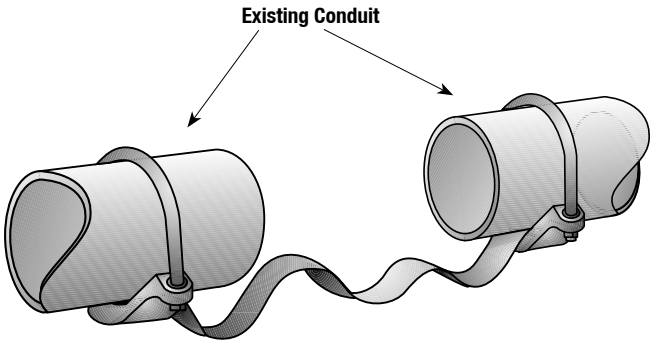
- Clamps and connecting strap - aluminum
- U-bolts and nuts - stainless steel

Options

- Span lengths other than shown are available. Contact your local representative.

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type ABJ

Use with Type AX–A		Use with Type AX–8–A and EX–A	
Trade Size (Inches)	**Catalog Number (Strap Length 14")**	**Trade Size (Inches)**	**Catalog Number (Strap Length 24")**
1/2 or3/4	**ABJ-0507-14**	1/2 or3/4	**ABJ-0507-24**
1	**ABJ-10-14**	1	**ABJ-10-24**
1-1/4	**ABJ-12-14**	1-1/4	**ABJ-12-24**
1-1/2	**ABJ-15-14**	1-1/2	**ABJ-15-24**
2	**ABJ-20-14**	2	**ABJ-20-24**
2-1/2	**ABJ-25-14**	2-1/2	**ABJ-25-24**
3	**ABJ-30-14**	3	**ABJ-30-24**
3-1/2	**ABJ-35-14**	3-1/2	**ABJ-35-24**
4	**ABJ-40-14**	4	**ABJ-40-24**
5	**ABJ-50-14**	5	**ABJ-50-24**
—	—	6	**ABJ-60-24**

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AXB Series Expansion Fittings with Integral Bond

For Rigid Metal Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

Applications

- Accommodates expansion and contraction in a run of rigid metal conduit (RMC) and intermediate metal conduit (IMC).

Features

- The AXB series of expansion fittings simplifies and speeds installation with several industry features; vandalproof, corrosive resistant and field-inspectable.
- Disassembly is not required during installation, therefore there are no parts to drop or lose and fewer tools are required.
- Internal bonding jumper eliminates need for external jumper that can be tampered with and exposed to corrosion.

Standard Materials

- Body: ductile iron
- Bonding jumper: tinned copper
- Grommets: neoprene

Finish

- Hot dip galvanized

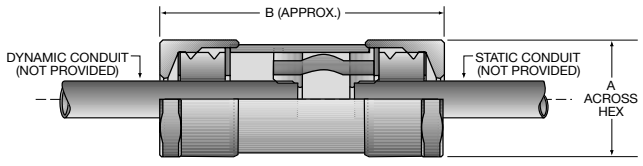
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- CSA Standard: C22.2 No. 18.3, C22.2 No. 41
- U Listed: E-11853
- Wet or dry locations



Trade Size (In.)	Dimensions In Millimeters (Inches) Overall Diameter	Overall Free Length	Weight kg (lb)	Case Qty.	Catalog Number
4 Inch Movement — 2" in either direction					
1/2	69.90 (2.75)	203.20 (8.00)	1.88 (4.15)	10	**AXB-50**
3/4	69.90 (2.75)	203.20 (8.00)	1.93 (4.25)	10	**AXB-75**
1	77.70 (3.06)	209.60 (8.25)	2.21 (4.88)	5	**AXB-100**
1-1/4	111.30 (4.38)	251.00 (9.88)	5.38 (11.85)	5	**AXB-125**
1-1/2	111.30 (4.38)	251.00 (9.88)	5.43 (11.98)	5	**AXB-150**
2	127.00 (5.00)	257.30 (10.13)	6.49 (14.30)	1	**AXB-200**
8 Inch Movement — 4" in either direction					
1/2	69.90 (2.75)	304.80 (12.00)	2.76 (6.09)	10	**AXB-8-50**
3/4	69.90 (2.75)	304.80 (12.00)	2.81 (6.20)	10	**AXB-8-75**
1	77.70 (3.06)	311.20 (12.25)	3.19 (7.03)	5	**AXB-8-100**
1-1/4	111.30 (4.38)	352.60 (13.88)	7.28 (16.06)	5	**AXB-8-125**
1-1/2	111.30 (4.38)	352.60 (13.88)	7.43 (16.38)	5	**AXB-8-150**
2	127.0 (5.00)	358.90 (14.13)	8.94 (19.70)	1	**AXB-8-200**

Dimensions in Millimeters (Inches)



Trade Size (In.)	A	B 4”	B 8”
1/2	69.90 (2.75)	203.20 (8.00)	304.8 (12.00)
3/4	69.90 (2.75)	203.20 (8.00)	304.8 (12.00)
1	77.70 (3.06)	209.60 (8.25)	311.2 (12.25)
1-1/4	111.30 (4.38)	251.00 (9.88)	352.6 (13.88)
1-1/2	111.30 (4.38)	251.00 (9.88)	352.6 (13.88)
2	127.00 (5.00)	257.30 (10.13)	358.9 (14.13)

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DX Deflection Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To compensate for movement in any direction between two conduit ends which they connect. Type DX fittings will withstand occasional vibration transmitted to conduit by rotating equipment or vehicular traffic.
- These fittings will provide for a movement of 3/4" from the normal in all directions. Where they are used for angular movement they will allow for a deflection of 30° from the normal in any direction.
- Fittings may be used with EMT connectors or PVC conduit male terminal adapters in each end.

Features

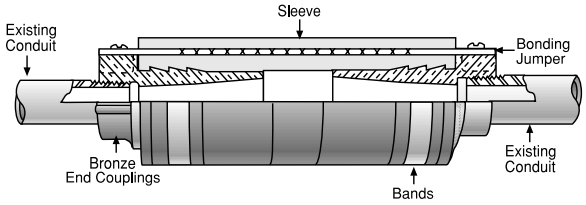
- Internal copper bonding jumper has the capacity to carry ground fault currents equal to the conductor sizes required by UL and the NEC
- Watertight (NEMA 4)
- Raintight
- Concretetight

Standard Materials

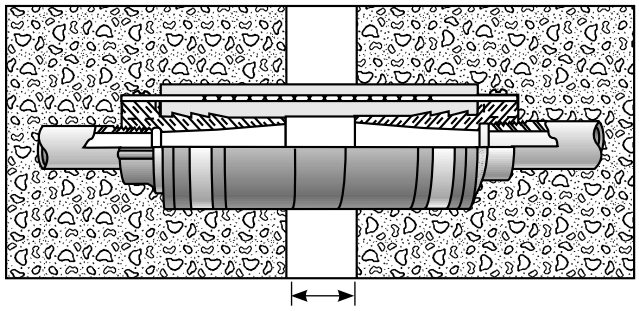
- End couplings: bronze
- Sleeve: neoprene
- Bands: stainless steel
- Bonding jumper: tinned copper braid

NEC/CEC Certifications and Compliances

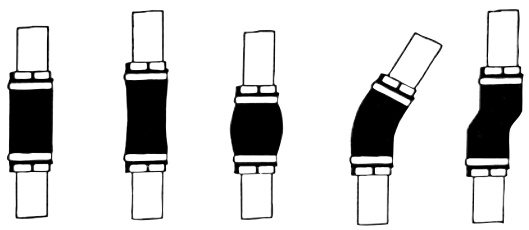
- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 11584
- NEMA: FB-1



Type DX



1–1/2" Spacing Required



Normal | **Expansion (up to 3/4")** | **Contraction (up to 3/4")** | **Misalignment Angular (up to 30°)** | **Misalignment Parallel (up to 3/4")**

Trade Size (Inches)	Dimensions in Millimeters (Inches) Max. Dia.	Overall Length	Catalog Number
1/2	57.20 (2.25)	171.40 (6.75)	**DX-50**
3/4	63.50 (2.50)	171.40 (6.75)	**DX-75**
1	69.90 (2.75)	177.80 (7.00)	**DX-100**
1-1/4	79.50 (3.13)	184.20 (7.25)	**DX-125**
1-1/2	79.50 (3.13)	184.20 (7.25)	**DX-150**
2	98.60 (3.88)	206.50 (8.13)	**DX-200**
2-1/2	111.30 (4.38)	215.90 (8.50)	**DX-250**
3	127.00 (5.00)	215.90 (8.50)	**DX-300**
3-1/2	146.10 (5.75)	235.00 (9.25)	**DX-350**
4	158.80 (6.25)	235.00 (9.25)	**DX-400**
5	184.20 (7.25)	238.30 (9.38)	**DX-500**
6	209.60 (8.25)	238.30 (9.38)	**DX-600**

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AXDX Deflection Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- The assembly shown can be used where allowance for expansion and deflection must be provided but the3/4" straight line movement in either direction which our Type DX expansion/ deflection fitting permits is not sufficient.
- By combining the Type DX fitting with our Type AX expansion fitting, a straight line movement of 2" in either direction (total movement of 4") is provided.

Features

- Fitting assembly can be used embedded in concrete as shown, or can be used in exposed locations.
- Fittings include standard Type DX and AX fittings, bonding jumper, insulating bushing, and short nipple.

Standard Materials

- Sleeve - neoprene
- End couplings - bronze
- Bonding jumper - tin copper braids
- Bands - stainless steel
- All other metal parts are malleable, ductile iron or steel

Finish

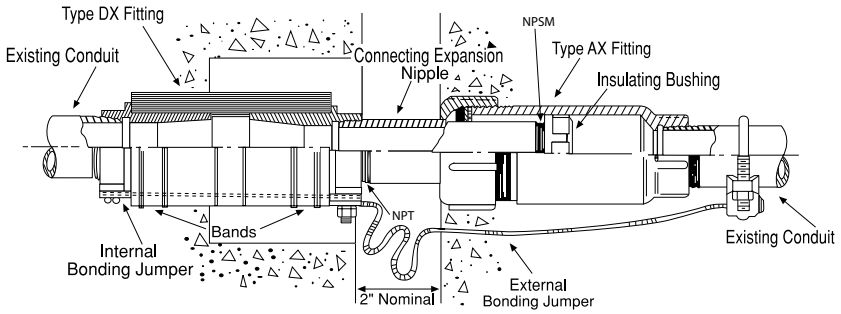
- All malleable, ductile iron or steel parts are Hot Dip Galvanized

Options

- Other sizes available. Fittings can be furnished to provide additional linear conduit movement beyond 4". Specify "AX8DX" for 8" linear movement, 4" in either direction. Contact your local representative for pricing and availability.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 11584
- NEMA: FB-1



Type AXDX

Dimensions in Millimeters (Inches)			
Hub Size (Inches)	**Max. Dia**	**Approx. Overall Length**	**Catalog Number**
1/2	57.15 (2.25)	381.00 (15.00)	**AXDX-50**
3/4	63.50 (2.50)	384.30 (15.13)	**AXDX-75**
1	69.85 (2.75)	397.00 (15.63)	**AXDX-100**
1-1/4	79.50 (3.13)	403.35 (15.88)	**AXDX-125**
1-1/2	88.90 (3.5)	403.35 (15.88)	**AXDX-150**
2	101.60 (4.00)	438.15 (17.25)	**AXDX-200**
2-1/2	114.30 (4.50)	457.20 (18.00)	**AXDX-250**
3	130.30 (5.13)	473.20 (18.63)	**AXDX-300**
3-1/2	152.40 (6.00)	501.65 (19.75)	**AXDX-350**
4	168.40 (6.63)	508.00 (20.00)	**AXDX-400**
5	203.20 (8.00)	533.40 (21.00)	**AXDX-500**

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EXPB Expansion – Pull Box Fittings

For Rigid Metal Conduit and IMC.

NEC:
Listed for Ordinary Locations

Applications

- To allow for expansion and contraction in a run of rigid conduit (2" in either direction for a total movement of 4").
- Also to provide a convenient pull box to supply an intermediate pulling point in the conduit run.
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC.

Features

- Weatherproof
- Fitting supplied complete with bonding jumper, oversize sleeve and special Type A insulating bushing.
- Available in custom lengths. Contact your local representative for pricing and availability.
- Available for EMT. Contact your local representative for pricing and availability.
- The bonding jumpers furnished are of the form shown in the illustration except on the 31⁄2", 5" and 6" sizes. On these sizes the bonding jumper spans the entire fitting and, except for the length of the braid, is the same as the Type BJ.

Standard Materials

- Head - malleable or ductile iron
- Sleeve - steel
- Bonding jumpers - similar to type BJ

Standard Finishes

- Hot Dip Galvanized

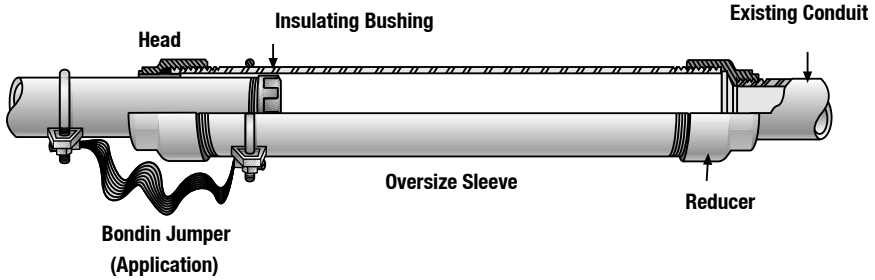
Options

- Available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog number.

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- NEMA: FB-1

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Max. Dia.**	**Overall Length**	**Oversize Sleeve Length**	**Catalog Number**
1/2	44.45 (1.75)	368.30 (14.50)	304.80 (12.00)	**EXPB-50**
3/4	54.10 (2.13)	374.65 (14.75)	304.80 (12.00)	**EXPB-75**
1	60.45 (2.38)	381.00 (15.00)	304.80 (12.00)	**EXPB-100**
1-1/4	73.15 (2.88)	438.15 (17.25)	355.60 (14.00)	**EXPB-125**
1-1/2	85.85 (3.38)	495.30 (19.50)	406.40 (16.00)	**EXPB-150**
2	101.60 (4.00)	603.25 (23.75)	508.00 (20.00)	**EXPB-200**
2-1/2	117.60 (4.63)	717.55 (28.25)	609.60 (24.00)	**EXPB-250**
3	130.30 (5.13)	819.15 (32.25)	711.20 (28.00)	**EXPB-300**
3-1/2	146.05 (5.75)	927.10 (36.50)	812.80 (32.00)	**EXPB-350**
4	158.75 (6.25)	1028.70 (40.50)	914.40 (36.00)	**EXPB-400**
5	212.85 (8.38)	1263.65 (49.75)	914.40 (36.0)	**EXPB-500**
6	241.30 (9.50)	1473.20 (58.00)	1320.80 (52.00)	**EXPB-600**



Type EXPB

NOTE: Extra length sleeves to provide a longer pulling opening can be furnished at a price addition. Contact your local representative giving pulling opening require.

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PB and PBW Pull Box Fittings

For Rigid Metal Conduit and IMC.

NEC:
Listed for Ordinary Locations

Applications

- Fittings consist of two malleable iron end units one of which is furnished with set screws and a set of sealing rings consisting of packing, copper ground and pressure ring.
- A special Type A insulating bushing is also included. (Conduit not included.)

Features

- Two end units fitted to a purchased oversize sleeve make a convenient pull box to provide intermediate pulling points in a rigid metal conduit system to meet NEC Section 314.28(A)(1).
- Available for EMT. Contact your local representative for pricing and availability.

Standard Materials

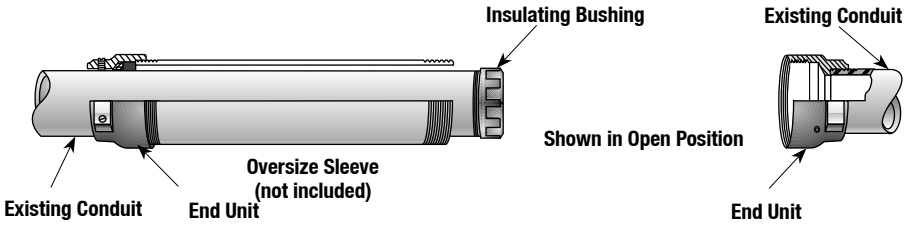
- End units - malleable iron or ductile iron
- Sleeves - steel: sleeves must be ordered separately at an additional cost.

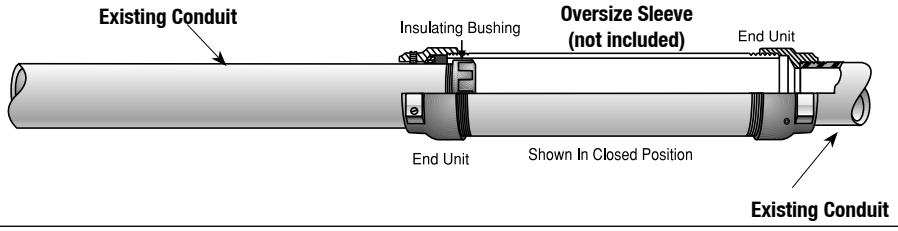
Standard Finishes

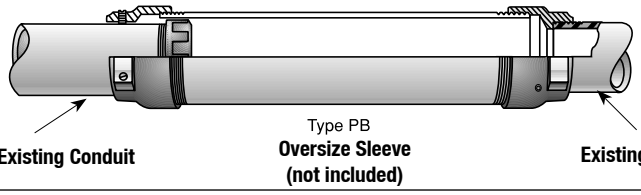
- Hot Dip Galvanized

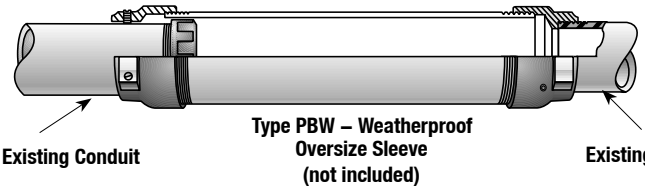
NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853









NOTE: PB and PBW Pull Box Fittings are not supplied with oversize sleeves. Please order sleeves from the table on next page.

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PB and PBW Pull Box Fittings

NEC:
Listed for Ordinary Locations

Type PB, PBW, End Fittings (see table below for ordering oversize sleeves)

Dimensions in Millimeters (Inches)						
Trade Size (Inches)	Oversize Sleeve Required Trade Size	Max. Dia.	Length Fitting Only	Min.Required Sleeve Length ①	Non–Weatherproof Catalog Number	Weatherproof Catalog Number
1/2	25.40 (1.00)	44.45 (1.75)	47.75 (1.88)	152.40 (6.00)	**PB-50**	**PBW-50**
3/4	31.75 (1.25)	54.10 (2.13)	50.80 (2.00)	203.20 (8.00)	**PB-75**	**PBW-75**
1	38.10 (1.50)	60.45 (2.38)	57.15 (2.25)	304.80 (12.00)	**PB-100**	**PBW-100**
1-1/4	50.80 (2.00)	73.15 (2.88)	60.45 (2.38)	355.60 (14.00)	**PB-125**	**PBW-125**
1-1/2	63.50 (2.50)	101.60 (4.00)	69.85 (2.75)	508.00 (20.00)	**PB-150**	**PBW-150**
2	76.20 (3.00)	101.60 (4.00)	69.85 (2.75)	508.00 (20.00)	**PB-200**	**PBW-200**
2-1/2	88.90 (3.50)	117.60 (4.63)	79.50 (3.13)	609.60 (24.00)	**PB-250**	**PBW-250**
3	101.60 (4.00)	128.52 (5.06)	79.50 (3.13)	711.20 (28.00)	**PB-300**	**PBW-300**
3-1/2	114.30 (4.50)	146.05 (5.75)	79.50 (3.13)	812.80 (32.00)	**PB-350**	**PBW-350**
4	127.00 (5.00)	157.23 (6.19)	79.50 (3.13)	914.40 (36.00)	**PB-400**	**PBW-400**
5	177.80 (7.00)	212.85 (8.38)	104.90 (4.13)	1117.60 (44.00)	**PB-500**	**PBW-500**
6	203.20 (8.00)	241.30 (9.50)	104.90 (4.13)	1320.80 (52.00)	**PB-600**	**PBW-600**

Oversize Sleeves (steel)

Dimensions in Millimeters (Inches)							
Trade Size (Inches) Sleeve	12" Catalog Number	18" Catalog Number	24" Catalog Number	30" Catalog Number	36" Catalog Number	48" Catalog Number	60" Catalog Number
1	**PBS-100-12S**	**PBS-100-18S**	—	—	—	—	—
1-1/4	**PBS-125-12S**	**PBS-125-18S**	—	—	—	—	—
1-1/2	**PBS-150-12S**	**PBS-150-18S**	**PBS-150-24S**	—	—	—	—
2	**PBS-200-12S**	**PBS-200-18S**	**PBS-200-24S**	—	—	—	—
2-1/2	**PBS-250-12S**	**PBS-250-18S**	**PBS-250-24S**	**PBS-250-30S**	**PBS-250-36S**	—	—
3	**PBS-300-12S**	**PBS-300-18S**	**PBS-300-24S**	**PBS-300-30S**	**PBS-300-36S**	—	—
3-1/2	**PBS-350-12S**	**PBS-350-18S**	**PBS-350-24S**	**PBS-350-30S**	**PBS-350-36S**	**PBS-350-48S**	**PBS-350-60S**
4	**PBS-400-12S**	**PBS-400-18S**	**PBS-400-24S**	**PBS-400-30S**	**PBS-400-36S**	**PBS-400-48S**	**PBS-400-60S**
4-1/2	**PBS-450-12S**	**PBS-450-18S**	**PBS-450-24S**	**PBS-450-30S**	**PBS-450-36S**	**PBS-450-48S**	**PBS-450-60S**
5	**PBS-500-12S**	**PBS-500-18S**	**PBS-500-24S**	**PBS-500-30S**	**PBS-500-36S**	**PBS-500-48S**	**PBS-500-60S**
6	**PBS-600-12S**	**PBS-600-18S**	**PBS-600-24S**	**PBS-600-30S**	**PBS-600-36S**	**PBS-600-48S**	**PBS-600-60S**
7	**PBS-700-12S**	**PBS-700-18S**	**PBS-700-24S**	**PBS-700-30S**	**PBS-700-36S**	**PBS-700-48S**	**PBS-700-60S**
8	**PBS-800-12S**	**PBS-800-18S**	**PBS-800-24S**	**PBS-800-30S**	**PBS-800-36S**	**PBS-800-48S**	**PBS-800-60S**

① *Minimum length of sleeve required to meet NEC Section 314.28(A)(1).*
NOTE: PB and PBW Pull Box Fittings are not supplied with oversize sleeves. Please order sleeves from the table above.

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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EMERSON

SCC and SSP Series Threaded Rigid Conduit and IMC Bolt–On™ Couplings

For Use with Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a fast inexpensive method of joining two sections of threaded rigid conduit in areas of close conduit spacing, tight clearance locations and irregular conduit bends which may normally require an expensive union.

Features

- Concretetight.
- Fast installation:
  - — Slip Bolt-On™ Coupling over threaded end of one conduit section.
  - — Butt the end of the second threaded conduit section to the first.
  - — Slip Bolt-On™ Coupling to the center of the two conduit threads and tighten bolt(s).

Material/Finish

- Coupling: malleable iron, zinc electroplated
- Hardware: steel, zinc electroplate
- Gasket: neoprene

NEC/CEC Certifications and Compliances

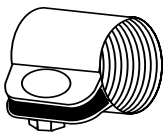
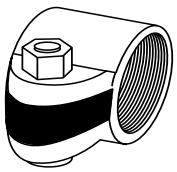
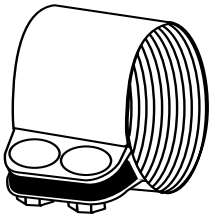
- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.4
- CSA Certified: 702992
- NEMA: FB-1



SCC–50



SCC–150

	Trade Size (Inches)	Dimensions in Millimeters (Inches) Length	Max. Width	Dia.	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
	1/2	31.75 (1.25)	44.45 (1.75)	28.7 (1.13)	**SCC-50**	**SSP-50**
	3/4	31.75 (1.25)	50.8 (2.00)	33.27 (1.31)	**SCC-75**	**SSP-75**
	1	41.4 (1.63)	66.8 (2.63)	44.45 (1.75)	**SCC-100**	**SSP-100**
	1-1/4	41.4 (1.63)	66.8 (2.63)	54.1 (2.13)	**SCC-125**	**SSP-125**
	1-1/2	50.8 (2.00)	82.6 (3.25)	60.5 (2.38)	**SCC-150**	**SSP-150**
	2	52.3 (2.06)	88.9 (3.50)	69.9 (2.75)	**SCC-200**	**SSP-200**
	2-1/2	77.7 (3.06)	114.3 (4.50)	85.9 (3.38)	**SCC-250**	**SSP-250**
	3	81.0 (3.19)	127.0 (5.00)	101.6 (4.00)	**SCC-300**	**SSP-300**
	3-1/2	82.6 (3.25)	146.1 (5.75)	115.8 (4.56)	**SCC-350**	**SSP-350**
	4	85.9 (3.38)	158.8 (6.25)	130.3 (5.13)	**SCC-400**	**SSP-400**
	5	88.9 (3.50)	184.2 (7.25)	162.1 (6.38)	—	**SSP-500**
	6	101.6 (4.00)	219.2 (8.63)	190.5 (7.50)	—	**SSP-600**

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EMERSON

Threaded Three Piece Couplings and Elbows

For RMC and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- Three piece couplings join two lengths of conduit when neither can be turned.
- Gasketed pulling elbows: provides a compact wire pulling point.
- Elbows provide a 90° change of direction in a conduit run.
- Male to female: for connecting threaded rigid conduit or IMC to box or enclosure.

Material/Finish

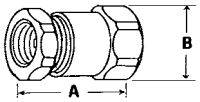
- Malleable iron/Zinc electroplate

NEC/CEC Certifications and Compliances

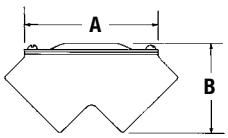
- UL Standard: 514B
- UL Listed: E-11853, E-14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Three Piece Coupling — Concretetight					
1/2	35.1 (1.38)	36.6 (1.44)	—	**EC-50**	**4-50**
3/4	41.4 (1.63)	44.5 (1.75)	—	**EC-75**	**4-75**
1	46.0 (1.81)	49.3 (1.94)	—	**EC-100**	**4-100**
1-1/4	55.6 (2.19)	60.5 (2.38)	—	**EC-125**	**4-125**
1-1/2	58.7 (2.31)	66.8 (2.63)	—	**EC-150**	**4-150**
2	62.0 (2.44)	85.9 (3.38)	—	**EC-200**	**4-200**
2-1/2	81.0 (3.19)	101.6 (4.00)	—	**EC-250**	**4-250**
3	84.1 (3.31)	106.4 (4.19)	—	**EC-300**	**4-300**
3-1/2	89.0 (3.50)	130.3 (5.13)	—	**EC-350**	**4-350**
4	95.3 (3.75)	139.7 (5.50)	—	**EC-400**	**4-400**
5	93.7 (3.69)	174.8 (6.88)	—	**EC-500**	**4-500**
6	109.5 (4.31)	209.6 (8.25)	—	**EC-600**	**4-600**
90° Female Gasketed Pulling Elbows — Raintight					
1/2	47.8 (1.88)	36.6 (1.44)	—	**FFL-50**	**FF-050**
3/4	57.2 (2.25)	39.6 (1.56)	—	**FFL-75**	**FF-075**
1	69.9 (2.75)	49.3 (1.94)	—	**FFL-100**	**FF-100**
1-1/4	82.6 (3.25)	58.7 (2.31)	—	**FFL-125**	**FF-125**
1-1/2	95.3 (3.75)	65.0 (2.56)	—	**FFL-150**	**FF-150**
2	117.6 (4.63)	82.6 (3.25)	—	**FFL-200**	**FF-200**







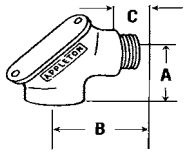
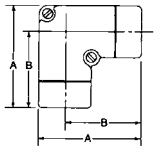
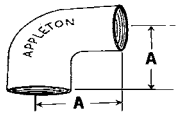
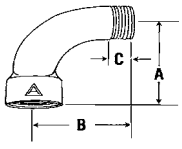
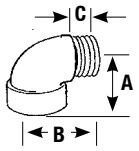
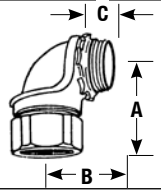


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Threaded Three Piece Couplings and Elbows

For RMC and IMC

NEC/CEC:
Listed for Ordinary Locations

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number	O–Z/Gedney™ Insulated Throat Catalog Number	
90° Male to Female Gasketed Pulling Elbows — Raintight							
1/2	47.8 (1.88)	35.1 (1.38)	11.2 (0.44)	**MFL-50**	**MF-050**	**MF-050T**	
3/4	57.2 (2.25)	38.1 (1.5)	12.7 (0.5)	**MFL-75**	**MF-075**	**MF-075T**	
1	69.9 (2.75)	44.5 (1.75)	14.3 (0.56)	**MFL-100**	**MF-100**	**MF-100T**	
1-1/4	82.6 (3.25)	54.1 (2.13)	17.5 (0.69)	**MFL-125**	**MF-125**	**MF-125T**	
1-1/2	95.3 (3.75)	68.3 (2.69)	17.5 (0.69)	**MFL-150**	**MF-150**	**MF-150T**	
2	117.6 (4.63)	71.4 (2.81)	20.6 (0.81)	**MFL-200**	**MF-200**	**MF-200T**	
90° Female Pulling Elbows ①							
1/2	62.0 (2.44)	28.7 (1.13)	—	**PFFL-50**	**CE-050**	—	
3/4	69.1 (2.72)	35.1 (1.38)	—	**PFFL-75**	**CE-075**	—	
1	82.6 (3.25)	43.7 (1.72)	—	**PFFL-100**	**CE-0100**	—	
90° Female Elbows ①							
1/2	38.1 (1.50)	—	—	**LF90-50**	—	—	
3/4	42.9 (1.69)	—	—	**LF90-75**	—	—	
90° Male to Female Long Bushed Elbows ①							
1/2	44.5 (1.75)	45.2 (1.78)	15.0 (0.59)	**LMFL90-50**	**9-50**	—	
3/4	57.2 (2.25)	57.9 (2.28)	17.5 (0.69)	**LMFL90-75**	**9-50**	—	
1	67.6 (2.66)	68.3 (2.69)	19.1 (0.75)	**LMFL90-100**	**9-100**	—	
1-1/4	84.1 (3.31)	84.8 (3.34)	25.4 (1.00)	**LMFL90-125**	—	—	
1-1/2	100.1 (3.94)	100.8 (3.97)	26.9 (1.06)	**LMFL90-150**	—	—	
2	101.6 (4.00)	101.6 (4.00)	26.9 (1.06)	**LMFL90-200**	—	—	
90° Male to Female Short Bushed Elbows ①							
1/2	31.8 (1.25)	35.8 (1.41)	12.7 (0.50)	**LMF90-50**	—	—	
3/4	36.6 (1.44)	42.9 (1.69)	20.6 (0.81)	**LMF90-75**	—	—	
1	42.2 (1.66)	49.3 (1.94)	25.4 (1.00)	**LMF90-100**	—	—	
90° Male to Female Short Box Connectors ①							
1/2	31.8 (1.25)	27.7 (1.09)	11.2 (0.44)	**LMF90-50L**	—	—	
3/4	36.6 (1.44)	31.8 (1.25)	11.2 (0.44)	**LMF90-75L**	—	—	

① *Not CSA Certified.*

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Type CH Space–Maker Conduit Hubs

For RMC and IMC

NEC/CEC — Suitable for use in:
Class I, Division 2

Applications

- General purpose, suitable for use with heavy wall cabinets.

Features

- Female bushed nipple type.
- Female thread for rigid conduit and IMC.
- Takes less space.
- Recessed O-ring seal outside the box provides a watertight. threaded hub on enclosures.
- Suitable for use with service entrance conduit.

Material/Finish

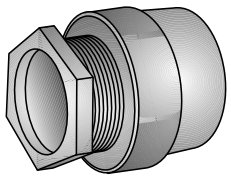
- Ductile iron/zinc electroplate
- Gasket: neopreone

Options

- For additional corrosion protection, specify Mechanically Galvanized. Contact your local representative for pricing and availability

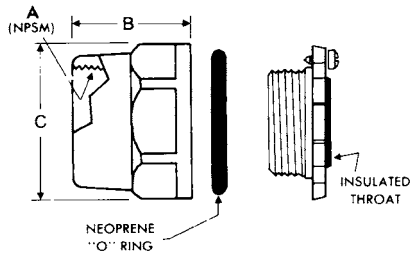
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



Type CH

Illustrated Dimensions



Dimensions in Millimeters (Inches)

Trade Size (Inches)	B	C	A Female Tapered NPSM	Max. Box Wall Thick.	Catalog Number	Insulated Throat Catalog Number
1/2	28.7 (1.13)	31.8 (1.25)	12.7 (0.50) - 355.6 (14.00)	4.1 (0.16)	**CH-50**	**CH-50T**
3/4	31.8 (1.25)	41.4 (1.63)	19.1 (0.75) - 355.6 (14.00)	7.1 (0.28)	**CH-75**	**CH-75T**
1	35.1 (1.38)	44.5 (1.75)	25.4 (1.00) - 292.1 (11.50)	7.9 (0.31)	**CH-100**	**CH-100T**
1-1/4	44.5 (1.75)	57.2 (2.25)	31.8 (1.25) - 292.1 (11.50)	11.9 (0.47)	**CH-125**	**CH-125T**
1-1/2	47.8 (1.88)	63.5 (2.50)	38.1 (1.50) - 292.1 (11.50)	12.7 (0.50)	**CH-150**	**CH-150T**
2	44.5 (1.75)	79.5 (3.13)	50.8 (2.00) - 292.1 (11.50)	16.8 (0.66)	**CH-200**	**CH-200T**
2-1/2	63.5 (2.50)	95.3 (3.75)	63.5 (2.50) - 203.2 (8.00)	16.8 (0.66)	**CH-250**	**CH-250T**
3	92.2 (3.63)	111.3 (4.38)	76.2 (3.00) - 203.2 (8.00)	18.3 (0.72)	**CH-300**	**CH-300T**
3 -/2	69.9 (2.75)	127.0 (5.00)	88.9 (3.50) - 203.2 (8.00)	20.5 (0.81)	**CH-350**	**CH-350T**
4	69.9 (2.75)	139.7 (5.50)	101.6 (4.00) - 203.2 (8.00)	16.0 (0.63)	**CH-400**	**CH-400T**
5	69.9 (2.75)	174.8 (6.88)	127.0 (5.00) - 203.2 (8.00)	16.0 (0.63)	**CH-500**	**CH-500T**
6	69.9 (2.75)	196.9 (7.75)	152.4 (6.00) - 203.2 (8.00)	23.9 (0.94)	**CH-600**	**CH-600T**

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Type CHM Raintight Conduit Hubs

For RMC and IMC

NEC/CEC — Suitable for use in:
Class I, Division 2

Applications

- General purpse fitting.

Features

- Type CHM only table and references.

Material/Finish

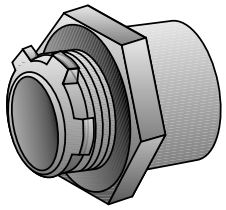
- Malleable iron/zinc electroplate
- Gasket: neopreone

Options

- P/U for OZG

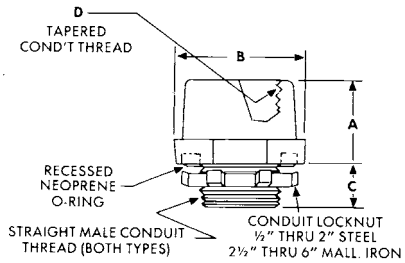
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



Type CHM

Illustrated Dimensions



Dimensions in Millimeters (Inches)

Trade Size (Inches)	A	B	C	D Female Tapered N.P.T.	Max. Box Wall Thk.	Catalog Number	Insulated Throat Catalog Number
1/2	22.4 (0.88)	38.1 (1.5)	12.7 (0.50)	12.7 (0.50) - 355.6 (14.00)	7.9 (0.31)	**CHM-50**	**CHM-50T**
3/4	25.4 (1.00)	44.5 (1.75)	12.7 (0.50)	19.1 (0.75) - 355.6 (14.00)	9.7 (0.38)	**CHM-75**	**CHM-75T**
1	28.7 (1.13)	50.8 (2.00)	16.0 (0.63)	25.4 (1.00) - 292.1 (11.50)	11.2 (0.44)	**CHM-100**	**CHM-100T**
1-1/4	31.8 (1.25)	60.5 (2.38)	16.0 (0.63)	31.8 (1.25) - 292.1 (11.50)	11.9 (0.47)	**CHM-125**	**CHM-125T**
1-1/2	31.8 (1.25)	69.9 (2.75)	16.0 (0.63)	38.1 (1.50) - 292.1 (11.50)	11.9 (0.47)	**CHM-150**	**CHM-150T**
2	31.8 (1.25)	82.6 (3.25)	19.1 (0.75)	50.8 (2.00) - 292.1 (11.50)	12.7 (0.5)	**CHM-200**	**CHM-200T**
2-1/2	41.4 (1.63)	98.6 (3.88)	25.4 (1.00)	63.5 (2.50) - 203.2 (8.00)	14.2 (0.56)	**CHM-250**	**CHM-250T**
3	44.5 (1.75)	117.6 (4.63)	25.4 (1.00)	76.2 (3.00) - 203.2 (8.00)	16.0 (0.63)	**CHM-300**	**CHM-300T**
3-1/2	47.8 (1.88)	130.3 (5.13)	28.7 (1.13)	88.9 (3.50) - 203.2 (8.00)	16.0 (0.63)	**CHM-350**	**CHM-350T**
4	47.8 (1.88)	143.0 (5.63)	28.7 (1.13)	101.6 (4.00) - 203.2 (8.00)	17.5 (0.69)	**CHM-400**	**CHM-400T**
5	54.1 (2.13)	174.8 (6.88)	31.8 (1.25)	127.0 (5.00) - 203.2 (8.00)	17.5 (0.69)	**CHM-500**	**CHM-500T**
6	54.1 (2.13)	206.5 (8.13)	31.8 (1.25)	152.4 (6.00) - 203.2 (8.00)	17.5 (0.69)	**CHM-600**	**CHM-600T**

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Threaded Conduit Hubs With Bonding Screw

For RMC and IMC

NEC/CEC — Suitable for use in:
Class I, Division 2



Applications

- Provides threaded termination in sheet metal enclosures.
- Suitable for service entrance.
- General purpose fitting.

Features

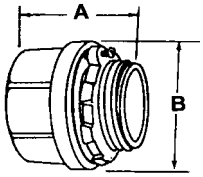
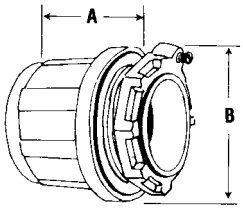
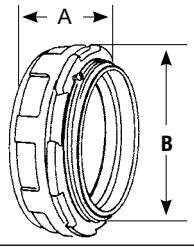
- Bonding locknut.
- Insulated throat.
- Recessed neoprene O-ring to assure water and dust-tight connections.

Material/Finish

- Body/wedge: ductile iron, zinc electroplate
- Locknut: 1/2 thru 1, 5 thru 6: steel, zinc electroplate
- Screw: steel, zinc electroplate
- O-ring: neoprene
- Liners: nylon

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Weight per 100 kg (lb)	Catalog Number	
1/2	22.35 (0.88)	38.10 (1.50)	5.81 (12.80)	**HUB-50B**	
3/4	25.40 (1.00)	44.45 (1.75)	8.35 (18.40)	**HUB-75B**	
1	28.70 (1.13)	50.80 (2.00)	14.15 (31.20)	**HUB-100B**	
1 - 1/4	31.75 (1.25)	60.45 (2.38)	26.94 (59.40)	**HUB-125B**	
1 - 1/2	31.75 (1.25)	69.85 (2.75)	33.38 (73.60)	**HUB-150B**	
2	31.75 (1.25)	82.55 (3.25)	5.36 (100.00)	**HUB-200B**	
2 - 1/2	41.40 (1.63)	98.55 (3.88)	83.64 (184.40)	**HUB-250B**	
3	44.45 (1.75)	117.60 (4.63)	117.66 (259.40)	**HUB-300B**	
3 - 1/2	47.75 (1.88)	130.30 (5.13)	143.15 (315.60)	**HUB-350B**	
4	47.75 (1.88)	143.00 (5.63)	165.83 (365.60)	**HUB-400B**	
5	54.10 (2.13)	174.75 (6.88)	317.51 (700.00)	**HUB-500MB**	
6	54.1 (2.13)	206.5 (8.13)	415.49 (916.00)	**HUB-600MB**	

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Threaded Conduit Hubs

For RMC and IMC

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class III, Divisions 1 and 2 per NEC 501-4(B), 501.10(B)(4), 502-4(A)(2), 503-3(A)

Applications

- Insulated throat form with bonding screw.
- Provides a more vibration resistant connection with assured ground continuity

Features

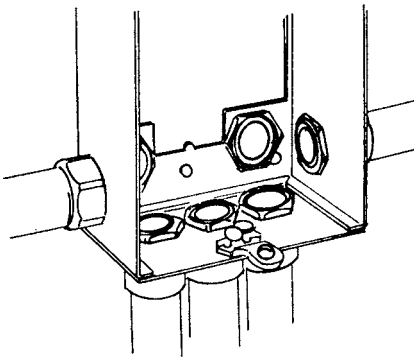
- Female bushed nipple type
- Female thread for rigid conduit and IMC
- Takes less space
- Recessed O-ring seal outside the box provides a watertight threaded hub on enclosures.
- Suitable for use with service entrance conduit.

Material/Finish

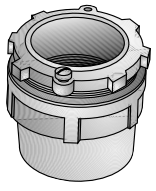
- Ductile iron/zinc electroplate
- Gasket: neopreone

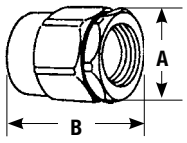
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- UL Listed as suitable for use in wet locations.
- NEMA: FB-1, -4, and -12.



HUB–125

	Trade Size (Inches)	Hole Diameter in Millimeters (Inches) Max.	Hole Diameter in Millimeters (Inches) Min.	Panel Thickness in Millimeters (Inches) Max.	Panel Thickness in Millimeters (Inches) Min.	Dimensions in Millimeters (Inches) A	Dimensions in Millimeters (Inches) B	Weight per 100 kg (lb)	Appleton™ Catalog Number
Straight									
	1/2	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	27.4 (1.08)	28.2 (1.11)	7.26 (16.00)	**HUB-50**
	3/4	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	28.2 (1.11)	35.1 (1.38)	10.43 (23.00)	**HUB-75**
	1	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	31.8 (1.25)	43.7 (1.72)	17.69 (39.00)	**HUB-100**

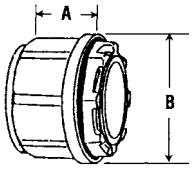
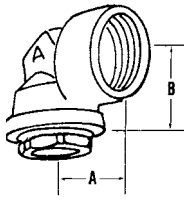


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Threaded Conduit Hubs

For RMC and IMC

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class III, Divisions 1 and 2 per NEC 501-4(B), 501.10(B)(4), 502-4(A)(2), 503-3(A)

Trade Size (Inches)	Hole Diameter in Millimeters (Inches) Max.	Hole Diameter in Millimeters (Inches) Min.	Panel Thickness in Millimeters (Inches) Max.	Panel Thickness in Millimeters (Inches) Min.	Dimensions in Millimeters (Inches) A	Dimensions in Millimeters (Inches) B	Weight per 100 kg (lb)	Appleton™ Catalog Number	
Straight — With Bonding Screw									
1-1/4	42.9 (1.69)	45.2 (1.78) 46.7 (1.84)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	45.7 (1.80)	58.7 (2.31)	34.93 (77.00)	**HUB-125**	
1-1/2	49.3 (1.94)	51.6 (2.03) 53.1 (2.09)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	46.5 (1.83)	66.8 (2.63)	41.73 (92.00)	**HUB-150**	 
2	60.7 (2.39)	64.3 (2.53) 65.8 (2.59)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	47.8 (1.88)	79.5 (3.13)	60.78 (134.00)	**HUB-200**	
2-1/2	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	60.7 (2.39)	92.2 (3.63)	107.05 (236.00)	**HUB-250**	
3	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	62.9 (2.48)	25.4 (1.00)	140.61 (310.00)	**HUB-300**	
3-1/2	102.1 (4.02)	104.9 (4.13)	2.3 (0.09)	7.9 (0.31)	81.0 (3.19)	122.2 (4.81)	181.44 (400.00)	**HUB-350**	
4	114.8 (4.52)	117.6 (4.63)	2.3 (0.09)	7.9 (0.31)	66.8 (2.63)	138.2 (5.44)	215.46 (475.00)	**HUB-400**	
90°									
1/2	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	32.5 (1.28)	22.4 (0.88)	16.33 (36.00)	**HUB-9050**	 
3/4	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	36.6 (1.44)	23.9 (0.94)	22.68 (50.00)	**HUB-9075**	
1	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	41.4 (1.63)	28.7 (1.13)	34.02 (75.00)	**HUB-90100**	

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Aluminum Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class II, Divisions 1 and 2; Class III, per NEC 501.10(B)(4), 502.10(A)(3), 502.10(B)(4), 503.10(A)(1).

Applications

- Used to connect rigid metal conduit or IMC to a threadless opening in an enclosure.
- May be used in wet or dry locations, indoors or outdoors.

Features

- Rugged metallic construction ensures mechanical protection.
- Insulated throat, rated up to +105 °C (+221 °F), prevents wire abrasion.
- Integral O-ring provides watertight seal.
- HUBG provides lug for grounding conductor.
- Unique profile permits easy wrenching.
- Smooth, accurately tapped threads facilitate installation.
- Watertight and corrosion resistant.
- NEMA Types 2, 3, 3R, 4, 4X, 5, 12, 13

Standard Materials

- Bodies and nuts: copperfree (4/10 of 1% max.) aluminum diecast
- O-ring: BUNA-N
- Insulator: polypropylene
- Ground screw: stainless steel

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-24264, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

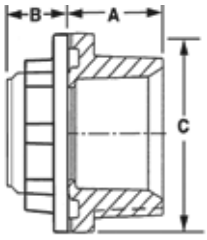


HUB

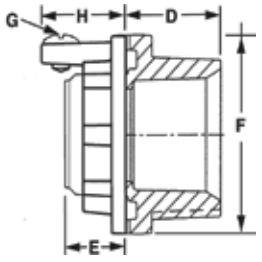


HUBG

Illustrated Dimensions



HUB Series



HUBG Series

Hub Spacing

Knockout Hole Size mm (in)	Trade Size (Inches)	Dimensions in Millimeters (Inches)									
		1/2"	3/4"	1"	1–1/4"	1–1/2"	2"	2–1/2"	3"	3–1/2"	4"
22.4 (.88)	1/2	**39.6 (1.56)**									
28.7 (1.13)	3/4	42.9 (1.69)	**46.0 (1.81)**								
35.1 (1.38)	1	46.7 (1.84)	50.5 (1.99)	**54.1 (2.13)**							
44.5 (1.75)	1-1/4	51.6 (2.03)	54.9 (2.16)	58.7 (2.31)	**63.5 (2.50)**						
50.8 (2.0)	1-1/2	56.4 (2.22)	59.4 (2.34)	63.5 (2.50)	68.3 (2.69)	**73.2 (2.88)**					
63.5 (2.5)	2	62.7 (2.47)	65.8 (2.59)	69.9 (2.75)	74.7 (2.94)	79.5 (3.13)	**85.9 (3.38)**				
75.4 (2.97)	2-1/2	69.1 (2.7)	72.1 (2.8)	76.2 (3.00)	81.3 (3.20)	85.9 (3.38)	92.2 (3.63)	**98.0 (3.86)**			
91.2 (3.59)	3	77.0 (3.03)	80.3 (3.16)	84.6 (3.33)	88.9 (3.50)	92.0 (3.61)	97.3 (3.83)	106.4 (4.19)	**114.3 (4.50)**		
104.9 (4.13)	3-1/2	84.8 (3.34)	88.1 (3.47)	92.2 (3.63)	98.3 (3.87)	101.6 (4.00)	108.0 (4.25)	114.3 (4.50)	122.2 (4.81)	**130.3 (5.13)**	
117.9 (4.64)	4	91.2 (3.59)	94.5 (3.72)	98.0 (3.86)	103.4 (4.07)	108.0 (4.25)	114.3 (4.50)	120.7 (4.75)	128.8 (5.07)	136.1 (5.36)	**146.1 (5.75)**

*Dimensions in **bold** are for centers of conduits of same size, all other dimensions are for centers of conduits of a different size.*

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Aluminum Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class II, Divisions 1 and 2; Class III, per NEC 501.10(B)(4), 502.10(A)(3), 502.10(B)(4), 503.10(A)(1).

Aluminum Diecast Hubs — Insulated

Dimensions in Millimeters (Inches)			Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Hole Diameter Min. – Max	Panel Thickness Min. – Max	A	B	C	Catalog Number
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.1 (0.83)	14.5 (0.57)	36.6 (1.44)	**HUB-50A**
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	22.9 (0.90)	15.0 (0.59)	42.4 (1.67)	**HUB-75A**
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.9 (1.06)	17.0 (0.67)	50.5 (1.99)	**HUB-100A**
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	25.9 (1.02)	17.5 (0.69)	59.9 (2.36)	**HUB-125A**
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	25.9 (1.02)	17.5 (0.69)	69.6 (2.74)	**HUB-150A**
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	27.4 (1.08)	16.8 (0.66)	82.0 (3.23)	**HUB-200A**
2-1/2	74.7 — 76.2 (2.94 — 3.00)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	93.6 (3.69)	**HUB-250A**
3	90.4 — 92.2 (3.56 — 3.63)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	110.8 (4.36)	**HUB-300A**
3-1/2	103.1 — 105.7 (4.06 — 4.16)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	126.0 (4.96)	**HUB-350A**
4	115.8 — 118.6 (4.56 — 4.67)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	138.5 (5.45)	**HUB-400A**

Grounding Style Hubs — Insulated

Dimensions in Millimeters (Inches)			Dimensions in Millimeters (Inches)					
Trade Size (Inches)	Hole Diameter Min. – Max	Panel Thickness Min. – Max	D	E	F	G	H	Catalog Number
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.1 (0.83)	14.5 (0.57)	36.6 (1.44)	10-32x0.3	15.0 (0.59)	**HUBG-50A**
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	22.9 (0.90)	15.0 (0.59)	42.4 (1.67)	10-32x0.3	15.0 (0.59)	**HUBG-75A**
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.9 (1.06)	17.0 (0.67)	50.5 (1.99)	10-32x0.3	16.0 (0.63)	**HUBG-100A**
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	25.9 (1.02)	17.5 (0.69)	59.9 (2.36)	1/4-20x0.333	17.5 (0.69)	**HUBG-125A**
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	25.9 (1.02)	17.5 (0.69)	69.6 (2.74)	1/4-20x0.333	20.6 (0.81)	**HUBG-150A**
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	27.4 (1.08)	16.8 (0.66)	82.0 (3.23)	1/4-20x0.333	20.6 (0.81)	**HUBG-200A**
2-1/2	74.68 — 76.2 (2.94 — 3.00)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	93.6 (3.69)	1/4-20x0.333	30.8 (1.21)	**HUBG-250A**
3	90.42 — 92.2 (3.56 — 3.63)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	110.8 (4.36)	1/4-20x0.333	30.8 (1.21)	**HUBG-300A**
3-1/2	103.12 — 105.66 (4.06 — 4.16)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	126.0 (4.96)	1/4-20x0.333	31.0 (1.22)	**HUBG-350A**
4	115.82 — 118.62 (4.56 — 4.67)	1.5 — 6.4 (0.06 — 0.25)	38.6 (1.52)	24.9 (0.98)	138.5 (5.45)	1/4-20x0.333	31.0 (1.22)	**HUBG-400A**

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Zinc Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class II, Divisions 1 and 2; Class III, per NEC 501.10(B)(4), 502.10(A)(1)(4), 502.10(B)(4), 503.10(A)(1).

Applications

- Used to connect rigid metal conduit or IMC to a threadless opening in an enclosure.
- May be used in wet or dry locations, indoors or outdoors.

Features

- Rugged metallic construction ensures mechanical protection.
- Insulated throat, rated up to +105 °C (+221 °F), prevents wire abrasion.
- Integral O-ring provides watertight seal.
- Grounding version provides positive ground for external conductor.
- Unique profile permits easy wrenching.
- Smooth, accurately tapped threads facilitate installation.
- Watertight and corrosion resistant.
- NEMA Types 2, 3, 3R, 4, 4X, 5, 12, 13

Material/Finish

- Bodies and nuts: zinc diecast
- O-ring: BUNA-N
- Insulator: polycarbonate
- Ground screw: mild steel

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E11853, E24264
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

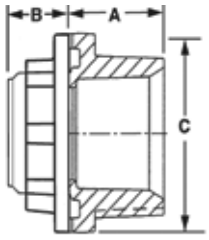


HUB

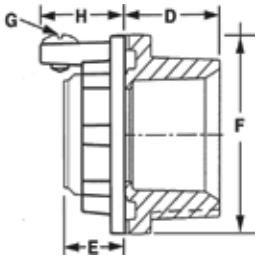


HUBG

Illustrated Dimensions



HUB Series



HUBG Series

Hub Spacing

Knockout Hole Size mm (in.)	Trade Size (Inches)	Trade Size Dimensions in Inches									
		1/2"	3/4"	1"	1–1/4"	1–1/2"	2"	2–1/2"	3"	3–1/2"	4"
22.4 (0.88)	1/2	**39.6 (1.56)**									
28.7 (1.13)	3/4	42.9 (1.69)	**46.0 (1.81)**								
35.1 (1.38)	1	46.7 (1.84)	50.5 (1.99)	**54.1 (2.13)**							
44.5 (1.75)	1-1/4	51.6 (2.03)	54.9 (2.16)	58.7 (2.31)	**63.5 (2.50)**						
50.8 (2.0)	1-1/2	56.4 (2.22)	59.4 (2.34)	63.5 (2.50)	68.3 (2.69)	**73.2 (2.88)**					
63.5 (2.5)	2	62.7 (2.47)	65.8 (2.59)	69.9 (2.75)	74.7 (2.94)	79.5 (3.13)	**85.9 (3.38)**				
75.4 (2.97)	2-1/2	69.1 (2.72)	72.1 (2.84)	76.2 (3.00)	81.3 (3.20)	85.9 (3.38)	92.2 (3.63)	**98.6 (3.88)**			
91.2 (3.59)	3	77.0 (3.03)	80.3 (3.16)	84.6 (3.33)	88.9 (3.50)	92.0 (3.61)	97.3 (3.83)	114.0 (4.49)	**114.3 (4.50)**		
104.9 (4.13)	3-1/2	84.8 (3.34)	88.1 (3.47)	92.2 (3.63)	98.3 (3.87)	101.6 (4.00)	108.0 (4.25)	114.3 (4.50)	122.2 (4.81)	**130.3 (5.13)**	
117.9 (4.64)	4	91.2 (3.59)	94.5 (3.72)	98.0 (3.86)	103.4 (4.07)	108.0 (4.25)	114.3 (4.50)	120.7 (4.75)	128.8 (5.07)	136.1 (5.36)	**146.1 (5.75)**

*Dimensions in **bold** are for centers of conduits of same size, all other dimensions are for centers of conduits of a different size.*

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EMERSON

Zinc Diecast Watertight Hubs

Insulated and Gasketed

NEC/CEC — Suitable for hazardous locations: Class I, Division 2; Class II, Divisions 1 and 2; Class III, per NEC 501.10(B)(4), 502.10(A)(1)(4), 502.10(B)(4), 503.10(A)(1).

Zinc Diecast Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches) Hole Diameter Min. – Max	Panel Thickness Min. – Max	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.3 (0.84)	16.3 (0.64)	36.6 (1.44)	**HUB-50DN**
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	23.9 (0.94)	16.3 (0.64)	42.9 (1.69)	**HUB-75DN**
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.2 (1.03)	19.8 (0.78)	50.8 (2.00)	**HUB-100DN**
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	28.4 (1.12)	19.8 (0.78)	60.5 (2.38)	**HUB-125DN**
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	69.9 (2.75)	**HUB-150DN**
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	82.6 (3.25)	**HUB-200DN**
2-1/2	72.6 — 76.2 (2.86 — 3.00)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	94.5 (3.72)	**HUB-250DN**
3	88.4 — 92.2 (3.48 — 3.63)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	111.3 (4.38)	**HUB-300DN**
3-1/2	101.1 — 105.7 (3.98 — 4.16)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	125.5 (4.94)	**HUB-350DN**
4	113.8 — 118.6 (4.48 — 4.67)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	138.9 (5.47)	**HUB-400DN**

Grounding Style Hubs — Insulated

Trade Size (Inches)	Dimensions in Millimeters (Inches) Hole Diameter Min. – Max	Panel Thickness Min. – Max	Dimensions in Millimeters (Inches) D	E	F	G	H	Catalog Number
1/2	21.8 — 23.1 (0.86 — 0.91)	0.8 — 6.4 (0.03 — 0.25)	21.3 (0.84)	16.3 (0.64)	36.6 (1.44)	10—32x1/4	17.5 (0.69)	**HUBG-50DN**
3/4	27.4 — 28.9 (1.08 — 1.14)	0.8 — 6.4 (0.03 — 0.25)	23.9 (0.94)	16.3 (0.64)	42.9 (1.69)	10—32x1/4	19.8 (0.78)	**HUBG-75DN**
1	33.8 — 35.8 (1.33 — 1.41)	0.8 — 6.4 (0.03 — 0.25)	26.2 (1.03)	19.8 (0.78)	50.8 (2.00)	10—32x1/4	19.8 (0.78)	**HUBG-100DN**
1-1/4	42.4 — 44.9 (1.67 — 1.77)	0.8 — 6.4 (0.03 — 0.25)	28.4 (1.12)	19.8 (0.78)	60.5 (2.38)	1/4—20x3/8	20.6 (0.81)	**HUBG-125DN**
1-1/2	48.8 — 51.3 (1.92 — 2.02)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	69.9 (2.75)	1/4—20x3/8	25.4 (1.00)	**HUBG-150DN**
2	59.9 — 63.5 (2.36 — 2.50)	1.5 — 6.4 (0.06 — 0.25)	28.4 (1.12)	19.8 (0.78)	82.6 (3.25)	1/4—20x1/2	25.4 (1.00)	**HUBG-200DN**
2-1/2	72.6 — 76.2 (2.86 — 3.00)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	94.5 (3.72)	1/4—20x1/2	31.8 (1.25)	**HUBG-250DN**
3	88.4 — 92.2 (3.48 — 3.63)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	111.3 (4.38)	1/4—20x1/2	31.8 (1.25)	**HUBG-300DN**
3-1/2	101.1 — 105.7 (3.98 — 4.16)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	125.5 (4.94)	1/4—20x1/2	33.3 (1.31)	**HUBG-350DN**
4	113.8 — 118.6 (4.48 — 4.67)	1.5 — 7.9 (0.06 — 0.31)	39.6 (1.56)	26.9 (1.06)	138.9 (5.47)	1/4—20x1/2	33.3 (1.31)	**HUBG-400DN**

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Steel, Aluminum, and Stainless Steel Pipe Nipples

NEC/CEC — Suitable for ordinary or hazardous locations:
Class I, Division 1 and 2 locations per NEC Article 501.10

Applications

- For use in Rigid and IMC conduit raceways
- Converts female NPT threaded openings to Male NPT thread.
- Joins two conduit bodies or enclosures together
- For indoor or outdoor use

Material/Finish

- Steel per ASTM A53, A733, A210, and UL6, Zinc Plated
- Aluminum alloy 6063-T1 or T6, per ASTM B241 and UL6, Natural Finish
- Stainless Steel grade 304 per ASTM A733, A312, and UL6, Natural Finish

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 45.1 and No. 45.2
- NEMA FB-1



APN125

Dimensions in Millimeters (Inches)					Catalog Number		
Trade Size (Inches)	Overall Length	Threaded Length	Wall Thickness	Packaging Quantity	Steel	Aluminum	Stainless Steel
1/2	50.8 (2.00)	19.8 (0.78)	2.8 (.109)	10	**GSN50**	**APN50**	**SSN50**
3/4	50.8 (2.00)	20.1 (0.79)	2.9 (.113)	10	**GSN75**	**APN75**	**SSN75**
1	55.4 (2.18)	24.9 (0.98)	3.4 (.133)	25	**GSN100**	**APN100**	**SSN100**
1-1/4	57.2 (2.25)	25.4 (1.00)	3.6 (.140)	25	**GSN125**	**APN125**	**SSN125**
1-1/2	63.5 (2.50)	25.9 (1.02)	3.7 (.145)	25	**GSN150**	**APN150**	**SSN150**
2	63.5 (2.50)	26.7 (1.05)	3.9 (.154)	25	**GSN200**	**APN200**	**SSN200**

Note: Must be ordered in increments of the case packaging quantity.

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Threaded Enlargers and Nipples

For RMC and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

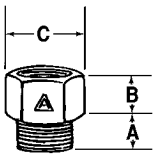
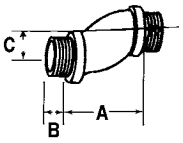
- Male enlargers:
  - — Used to adapt an outlet hole to the next larger size of conduit.
- Offset nipples:
  - — Provides box to box connection of knockouts
  - — Allows misaligned knockout connection by rolling the offset nipple until aligned with each knockout
- Bushed nipples:
  - — Used through knockout to connect box to conduit coupling
  - — Used with a locknut to connect two boxes side by side or back to back
  - — Used with a locknut to connect fixture housings and continuous runs

Material/Finish

- Male enlargers: turned steel
- Offset nipples: malleable iron/zinc plated
- Bushed nipples: malleable iron/zinc plated

NEC/CEC Certifications and Compliances

- All Models:
  - — UL Standard: 514B
  - — CSA Standard: C22.2 No. 18.3
  - — NEMA: FB-1
- OFN Models only:
  - — UL Listed: E-11853
  - — CSA Certified: 065178

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Appleton™ Catalog Number	
Male Enlargers — Turned Steel ①②							
	3/4F x 1/2M	14.2 (0.56)	19.8 (0.78)	35.1 (1.38)	7.3 (16.00)	**ME50-75**	
	1F x 3/4M	12.7 (0.50)	23.9 (0.94)	44.5 (1.75)	11.8 (26.00)	**ME75-100**	
	1-1/4F x 1M	14.2 (0.56)	26.9 (1.06)	57.2 (2.25)	21.3 (47.00)	**ME100-125**	
Offset Nipples — Malleable Iron/Zinc Plated							
	1/2	41.4 (1.63)	11.2 (0.44)	19.1 (0.75)	10.4 (23.00)	**OFN-50**	
	3/4	41.4 (1.63)	11.2 (0.44)	19.1 (0.75)	14.1 (31.00)	**OFN-75**	
	1	41.4 (1.63)	12.7 (0.50)	19.1 (0.75)	20.0 (44.00)	**OFN-100**	
	1-1/4	41.4 (1.63)	14.2 (0.56)	19.1 (0.75)	27.2 (60.00)	**OFN-125**	
	1-1/2	41.4 (1.63)	16.0 (0.63)	19.1 (0.75)	37.2 (82.00)	**OFN-150**	
	2	41.4 (1.63)	19.1 (0.75)	19.1 (0.75)	50.8 (112.00)	**OFN-200**	

① *Not CSA Certified.*
② *Not UL Listed.*

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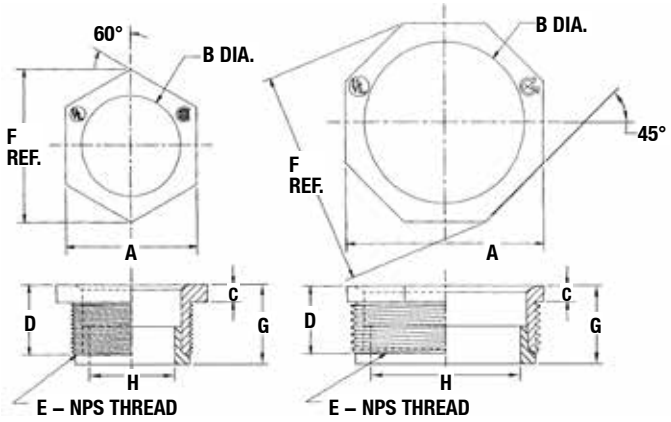
Threaded Enlargers and Nipples

For RMC and IMC

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	F Ref.	G	H	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Bushed Nipples — Insulated — Malleable iron/Zinc plated											
	1/2	25.4 (1.00)	15.1 (0.59)	4.0 (0.16)	15.9 (0.63)	1/2 to 14	29.4 (1.16)	17.5 (0.69)	14.7 (0.58)	**CN-50I**	**7-50T**
	3/4	31.8 (1.25)	20.6 (0.81)	4.8 (0.19)	19.8 (0.78)	3/4 to 14	36.5 (1.44)	21.4 (0.84)	19.8 (0.78)	**CN-75I**	**7-75T**
	1	36.5 (1.44)	26.2 (1.03)	5.6 (0.22)	22.2 (0.88)	1 to 11-1/2	42.9 (1.69)	24.2 (0.95)	24.6 (0.97)	**CN-100I**	**7-100T**
	1-1/4	46.0 (1.81)	32.5 (1.28)	6.4 (0.25)	27.8 (1.09)	1-1/4 to 11-1/2	53.2 (2.09)	30.6 (1.20)	33.3 (1.31)	**CN-125I**	**7-125T**
	1-1/2	53.2 (2.09)	38.9 (1.53)	7.1 (0.28)	28.6 (1.13)	1-1/2 to 11-1/2	61.1 (2.40)	31.0 (1.22)	38.5 (1.52)	**CN-150I**	**7-150T**
	2	65.1 (2.56)	50.0 (1.97)	7.9 (0.31)	34.9 (1.38)	2 to 11-1/2	74.6 (2.94)	37.7 (1.48)	50.4 (1.98)	**CN-200I**	**7-200T**
	2-1/2	78.6 (3.09)	61.9 (2.44)	8.7 (0.34)	38.1 (1.50)	2-1/2 to 8	90.5 (3.56)	39.7 (1.56)	61.1 (2.41)	**CN-250I**	**7-250T**
	3	98.4 (3.88)	77.8 (3.06)	9.5 (0.38)	39.7 (1.56)	3 to 8	113.5 (4.47)	41.3 (1.63)	76.2 (3.00)	**CN-300I**	**7-300T**
	3-1/2	111.1 (4.38)	90.5 (3.56)	9.5 (0.38)	41.3 (1.63)	3-1/2 to 8	128.6 (5.06)	42.9 (1.69)	88.5 (3.48)	**CN-350I**	**7-350T**
	4	127.0 (5.00)	98.4 (3.88)	10.3 (0.41)	41.3 (1.63)	4 to 8	131.8 (5.19)	42.9 (1.69)	88.5 (3.48)	**CN-400I**	**7-400T**
	5	149.2 (5.88)	123.8 (4.88)	11.9 (0.48)	43.7 (1.72)	5 to 8	161.9 (6.38)	45.2 (1.78)	125.8 (4.95)	**CN-500I**	**7-500T**
	6	181.0 (7.13)	149.2 (5.88)	12.7 (0.50)	52.4 (2.06)	6 to 8	196.1 (7.72)	54.0 (2.13)	151.2 (5.95)	**CN-600I**	**7-600T**
Bushed Nipples — 3/8 - 1: Zinc Diecast — 1-1/4 - 6: Ductile Iron/Zinc Plated											
	3/8	19.1 (0.75)	11.1 (0.44)	3.2 (0.13)	15.1 (0.59)	3/8 to 18	22.2 (0.88)	—	—	**CN-38**	**7-38**
	1/2	25.4 (1.00)	15.1 (0.59)	4.0 (0.16)	15.9 (0.63)	1/2 to 14	29.4 (1.16)	17.5 (0.69)	14.7 (0.58)	**CN-50**	**7-50**
	3/4	31.8 (1.25)	20.6 (0.81)	4.8 (0.19)	19.8 (0.78)	3/4 to 14	36.5 (1.44)	21.4 (0.84)	19.8 (0.78)	**CN-75**	**7-75**
	1	36.5 (1.44)	26.2 (1.03)	5.6 (0.22)	22.2 (0.88)	1 to 11-1/2	42.9 (1.69)	24.2 (0.95)	24.6 (0.97)	**CN-100**	**7-100**
	1-1/4	46.0 (1.81)	32.5 (1.28)	6.4 (0.25)	27.8 (1.09)	1-1/4 to 11-1/2	53.2 (2.09)	30.6 (1.20)	33.3 (1.31)	**CN-125**	**7-125**
	1-1/2	53.2 (2.09)	38.9 (1.53)	7.1 (0.28)	28.6 (1.13)	1-1/2 to 11-1/2	61.1 (2.40)	31.0 (1.22)	38.5 (1.52)	**CN-150**	**7-150**
	2	65.1 (2.56)	50 (1.97)	7.9 (0.31)	34.9 (1.38)	2 to 11-1/2	74.6 (2.94)	37.7 (1.48)	50.4 (1.98)	**CN-200**	**7-200**
	2-1/2	78.6 (3.09)	61.9 (2.44)	8.7 (0.34)	38.1 (1.50)	2-1/2 to 8	90.5 (3.56)	39.7 (1.56)	61.1 (2.41)	**CN-250**	**7-250**
	3	98.4 (3.88)	77.8 (3.06)	9.5 (0.38)	39.7 (1.56)	3 to 8	113.5 (4.47)	41.3 (1.63)	76.2 (3.00)	**CN-300**	**7-300**
	3-1/2	111.1 (4.38)	90.5 (3.56)	9.5 (0.38)	41.3 (1.63)	3-1/2 to 8	128.6 (5.06)	42.9 (1.69)	88.5 (3.48)	**CN-350**	**7-350**
	4	127.0 (5.00)	98.4 (3.88)	10.3 (0.41)	41.3 (1.63)	4 to 8	131.8 (5.19)	42.9 (1.69)	88.5 (3.48)	**CN-400**	**7-400**
	5	149.2 (5.88)	123.8 (4.88)	11.9 (0.48)	43.7 (1.72)	5 to 8	161.9 (6.38)	45.2 (1.78)	125.8 (4.95)	**CN-500**	**7-500**
	6	181.0 (7.13)	149.2 (5.88)	12.7 (0.50)	52.4 (2.06)	6 to 8	196.1 (7.72)	54.0 (2.13)	151.2 (5.95)	**CN-600**	**7-600**

Illustrated Dimensions



STYLE I **STYLE II**

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EMERSON

Type ICC Phenolic Insulating Couplings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

Applications

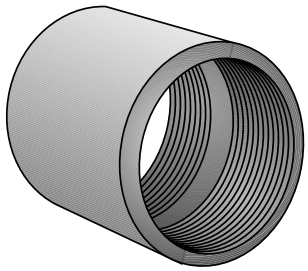
- An insulating coupling having a substantial center shoulder, which prevents butting of the conduits, to assure a definite break in the metallic path.
- The Type ICC is recommended for use where high strength or resistance to moisture or acid conditions is required.

Features

- Will not melt, soften or burn
- Temperature rating +150 °C (+302 °F)
- Dielectric strength of 220 V/mil.
- Tapered threads (NPT)

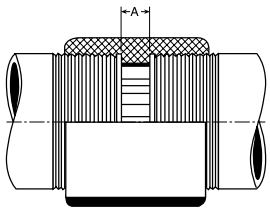
Standard Materials

- Canvas base phenolic (black).



Type ICC

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number
	Maximum Diameter	Overall Length	"A" Shoulder	
1/2	28.70 (1.13)	35.05 (1.38)	9.65 (0.38)	**ICC–50**
3/4	33.27 (1.31)	38.10 (1.50)	9.65 (0.38)	**ICC–75**
1	41.40 (1.63)	44.45 (1.75)	9.65 (0.38)	**ICC–100**
1-1/4	50.80 (2.00)	47.75 (1.88)	9.65 (0.38)	**ICC–125**
1-1/2	57.15 (2.25)	50.80 (2.00)	9.65 (0.38)	**ICC–150**
2	69.85 (2.75)	54.10 (2.13)	9.65 (0.38)	**ICC–200**
2-1/2	82.55 (3.25)	79.50 (3.13)	16.00 (0.63)	**ICC–250**
3	98.55 (3.88)	82.55 (3.25)	16.00 (0.63)	**ICC–300**
3-1/2	111.25 (4.38)	85.85 (3.38)	16.00 (0.63)	**ICC–350**
4	127.00 (5.00)	92.20 (3.63)	16.00 (0.63)	**ICC–400**
5	158.75 (6.25)	101.60 (4.00)	19.05 (0.75)	**ICC–500**
6	184.15 (7.25)	107.95 (4.25)	19.05 (0.75)	**ICC–600**

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Threadless Compression and Set–Screw Couplings and Connectors

For RMC and IMC

NEC/CEC — Listed fittings are suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(1)(1)
Class I, Division 2 per NEC 501.10(B)(4)

Application

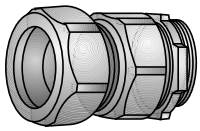
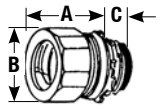
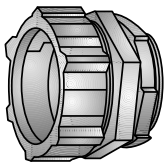
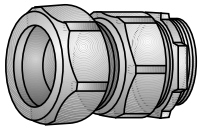
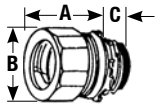
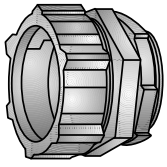
- Compression couplings are used to join lengths of rigid metal conduit.
- Compression connectors are used to secure and terminate rigid metal conduit to enclosures.
- Set-screw couplings are used to join lengths of rigid metal conduit and IMC.
- Set-screw connectors are used to secure and terminate rigid metal conduit and IMC to enclosures.

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Standard Materials

- Malleable iron/zinc electroplate

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number	
Compression Connectors - Concretetight							
	1/2	19.1 (0.75)	35.1 (1.38)	11.2 (0.44)	**NTC-50**	**31-050**	
	3/4	22.4 (0.88)	39.6 (1.56)	11.2 (0.44)	**NTC-75**	**31-075**	
	1	30.2 (1.19)	49.3 (1.94)	14.2 (0.56)	**NTC-100**	**31-100**	
	1-1/4	35.1 (1.38)	58.7 (2.31)	16.0 (0.63)	**NTC-125**	**31-125**	
	1-1/2	35.1 (1.38)	66.8 (2.63)	16.0 (0.63)	**NTC-150**	**31-150**	
	2	38.1 (1.50)	84.1 (3.31)	17.5 (0.69)	**NTC-200**	**31-200**	
	2 - 1/2	54.1 (2.13)	102.4 (4.03)	25.4 (1.0)	**NTC-250** ①	**31-250**①	
	3	62.0 (2.44)	122.2 (4.81)	25.4 (1.0)	**NTC-300** ①	**31-300**①	
	3 - 1/2	66.8 (2.63)	139.7 (5.50)	30.2 (1.19)	**NTC-350** ①	**31-350**①	
	4	65.0 (2.56)	155.7 (6.13)	31.8 (1.25)	**NTC-400** ①	**31-400**①	
	5	55.63 (2.19)	187.45 (7.38)	28.7 (1.13)	—	**31-500**①	
	6	60.45 (2.38)	217.42 (8.56)	35.05 (1.38)	—	**31-600**①	
Compression Connectors — Insulated — Concretetight							
	1/2	19.1 (0.75)	35.1 (1.38)	11.2 (0.44)	**RNTC-50**	**31-050T**	
	3/4	22.4 (0.88)	39.6 (1.56)	11.2 (0.44)	**RNTC-75**	**31-075T**	
	1	30.2 (1.19)	49.3 (1.94)	14.2 (0.56)	**RNTC-100**	**31-100T**	
	1-1/4	35.1 (1.38)	58.7 (2.31)	16.0 (0.63)	**RNTC-125**	**31-125T**	
	1-1/2	35.1 (1.38)	66.8 (2.63)	16.0 (0.63)	**RNTC-150**	**31-150T**	
	2	38.1 (1.50)	84.1 (3.31)	17.5 (0.69)	**RNTC-200**	**31-200T**	
	2-1/2	54.1 (2.13)	102.36 (4.03)	25.4 (1.0)	—	**31-250T** ①	
	3	61.98 (2.44)	122.17 (4.81)	25.4 (1.0)	—	**31-300T** ①	
	3-1/2	66.8 (2.63)	139.7 (5.5)	30.23 (1.19)	—	**31-350T** ①	
	4	65.02 (2.56)	155.7 (6.13)	31.75 (1.25)	—	**31-400T** ①	
	5	55.63 (2.19)	187.45 (7.38)	28.7 (1.13)	—	**31-500T** ①	
	6	60.45 (2.38)	217.42 (8.56)	35.05 (1.38)	—	**31-600T** ①	

① *Not UL Listed.*

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Threadless Compression and Set–Screw Couplings and Connectors

For RMC and IMC

NEC/CEC — Listed fittings are suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(1)(1)
Class I, Division 2 per NEC 501.10(B)(4)

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number	
Compression Couplings - Concretetight						
1/2	42.9 (1.69)	35.1 (1.38)	—	**NTCC-50**	**30-050**	
3/4	44.5 (1.75)	39.6 (1.56)	—	**NTCC-75**	**30-075**	
1	49.3 (1.94)	49.3 (1.94)	—	**NTCC-100**	**30-100**	
1-1/4	63.5 (2.50)	58.7 (2.31)	—	**NTCC-125**	**30-125**	
1-1/2	65.0 (2.56)	66.8 (2.63)	—	**NTCC-150**	**30-150**	
2	73.2 (2.88)	84.1 (3.31)	—	**NTCC-200**	**30-200**	
2 - 1/2	100.1 (3.94)	102.4 (4.03)	—	**NTCC-250** ①	**30-250** ①	
3	109.5 (4.31)	122.2 (4.81)	—	**NTCC-300** ①	**30-300** ①	
3 - 1/2	114.3 (4.50)	139.7 (5.50)	—	**NTCC-350** ①	**30-350** ①	
4	115.8 (4.56)	155.7 (6.13)	—	**NTCC-400** ①	**30-400** ①	
5	98.55 (3.88)	187.45 (7.38)	—	—	**30-500** ①	
6	107.95 (4.25)	217.42 (8.56)	—	—	**30-600** ①	
90° Compression Box Connectors - Concretetight						
1/2	36.6 (1.44)	11.2 (0.44)	27.7 (1.09)	**NL90-50L** ①	—	
3/4	41.4 (1.63)	11.2 (0.44)	31.8 (1.25)	**NL90-75L** ①	—	

① *Not UL Listed.*

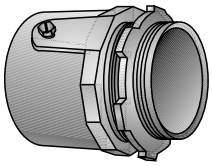
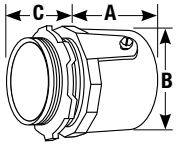
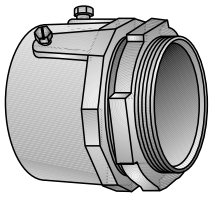
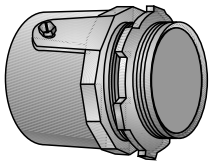
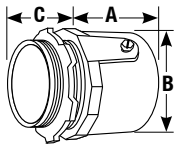
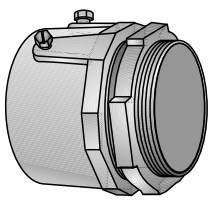
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Threadless Compression and Set–Screw Couplings and Connectors

For RMC and IMC

NEC/CEC — Listed fittings are suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(1)(1)
Class I, Division 2 per NEC 501.10(B)(4)

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number	
Set Screw Connectors — Concretetight when taped							
	1/2	24.6 (0.97)	31.8 (1.25)	11.2 (0.44)	**SNTC-50**	**28-050**	
	3/4	20.6 (0.81)	36.6 (1.44)	11.2 (0.44)	**SNTC-75**	**28-075**	
	1	36.6 (1.44)	44.5 (1.75)	13.5 (0.53)	**SNTC-100**	**28-100**	
	1-1/4	39.6 (1.56)	54.1 (2.13)	16.0 (0.63)	**SNTC-125**	**28-125**	
	1-1/2	44.5 (1.75)	60.5 (2.38)	16.0 (0.63)	**SNTC-150**	**28-150**	
	2	47.8 (1.88)	73.2 (2.88)	16.0 (0.63)	**SNTC-200**	**28-200**	
	2 - 1/2	54.1 (2.13)	90.4 (3.56)	25.4 (1.00)	**SNTC-250**	**28-250**	
	3	60.5 (2.38)	108 (4.25)	25.4 (1.00)	**SNTC-300**	**28-300**	
	3 - 1/2	69.9 (2.75)	120.7 (4.75)	28.3 (1.13)	**SNTC-350**	**28-350**	
	4	76.2 (3.00)	133.4 (5.25)	28.3 (1.13)	**SNTC-400**	**28-400**	
	5	101.6 (4.0)	171.45 (6.75)	31.75 (1.25)	—	**28-500**	
Set Screw Connectors — Insulated — Concretetight when taped							
	1/2	24.6 (0.97)	31.8 (1.25)	11.2 (0.44)	**SRNTC-50**	**28-050T**	
	3/4	20.6 (0.81)	36.6 (1.44)	11.2 (0.44)	**SRNTC-75**	**28-075T**	
	1	36.6 (1.44)	44.5 (1.75)	13.5 (0.53)	**SRNTC-100**	**28-100T**	
	1-1/4	39.6 (1.56)	54.1 (2.13)	16.0 (0.63)	**SRNTC-125**	**28-125T**	
	1-1/2	44.5 (1.75)	60.5 (2.38)	16.0 (0.63)	**SRNTC-150**	**28-150T**	
	2	47.8 (1.88)	73.2 (2.88)	16.0 (0.63)	**SRNTC-200**	**28-200T**	
	2 - 1/2	54.1 (2.13)	90.4 (3.56)	25.4 (1.00)	**SRNTC-250**	**28-250T**	
	3	60.5 (2.38)	108 (4.25)	25.4 (1.00)	**SRNTC-300**	**28-300T**	
	3 - 1/2	69.9 (2.75)	120.7 (4.75)	28.3 (1.13)	**SRNTC-350**	**28-350T**	
	4	76.2 (3.00)	133.4 (5.25)	28.3 (1.13)	**SRNTC-400**	**28-400T**	
	5	101.6 (4.0)	171.45 (6.75)	31.75 (1.25)	—	**28-500T**	

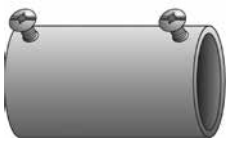
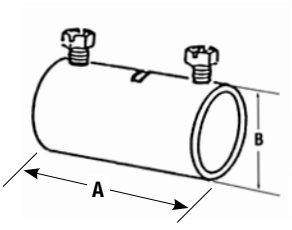
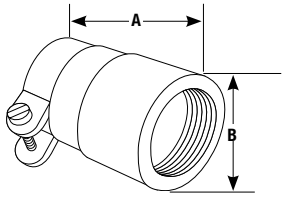
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Threadless Compression and Set–Screw Couplings and Connectors

For RMC and IMC

NEC/CEC — Listed fittings are suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(1)(1)
Class I, Division 2 per NEC 501.10(B)(4)

	Trade Size (Inches)	Cable (Inches)	Max. Diameter (Inches)	Dimensions in Millimeters (Inches) A	B	C	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Set Screw Couplings — Concretetight when taped — Steel								
	1/2	—	—	44.5 (1.75)	31.8 (1.25)	—	**SNTCC-50**	**29-050**
	3/4	—	—	54.1 (2.13)	36.6 (1.44)	—	**SNTCC-75**	**29-075**
	1	—	—	66.8 (2.63)	44.5 (1.75)	—	**SNTCC-100**	**29-100**
	1-1/4	—	—	69.9 (2.75)	54.1 (2.13)	—	**SNTCC-125**	**29-125**
	1-1/2	—	—	79.5 (3.13)	60.5 (2.38)	—	**SNTCC-150**	**29-150**
	2	—	—	85.9 (3.38)	73.2 (2.88)	—	**SNTCC-200**	**29-200**
	2 - 1/2	—	—	98.6 (3.88)	90.4 (3.56)	—	**SNTCC-250**	**29-250**
	3	—	—	111.3 (4.38)	107.2 (4.22)	—	**SNTCC-300**	**29-300**
	3 - 1/2	—	—	127 (5.00)	120.7 (4.75)	—	**SNTCC-350**	**29-350**
	4	—	—	139.7 (5.50)	133.4 (5.25)	—	**SNTCC-400**	**29-400**
	5	—	—	190.5 (7.5)	171.45 (6.75)	—	—	**29-500**
	6	—	—	215.9 (8.5)	200.15 (7.88)	—	—	**29-600**
Combination Armored Cable/Flexible Metal Conduit to Rigid Metal Conduit Couplings ①								
	1/2	3/8AC	—	23.9 (0.94)	39.6 (1.56)	17.5 (0.69)	**RCC38-50**	—
	3/4	1/2FMC	15/16	25.4 (1.00)	44.5 (1.75)	23.9 (0.94)	**RCC-50**	—
	1	3/4FMC	1 - 1/8	30.2 (1.19)	46.0 (1.81)	26.9 (1.06)	**RCC-75**	—

① *Not UL Listed or CSA Certified.*

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Type EF and Type EFL Concrete Slab Electroform Inserts

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Application

- For conduit installed in poured concrete slabs.
- Nail, screw or tack-weld insert to concrete deck form.

Features

- Inserts available in straight or 90°

Standard Materials

- Malleable iron

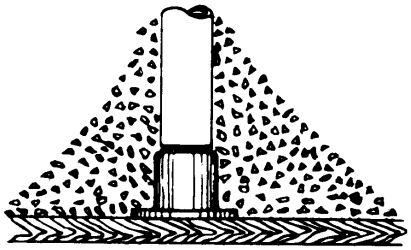
Standard Finishes

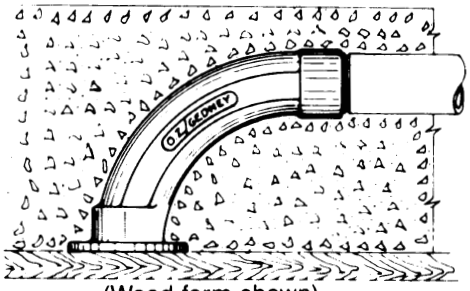
- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795

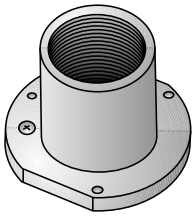
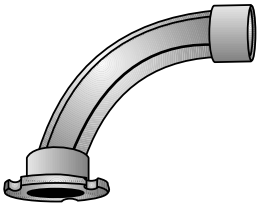
Illustrated Features


(Wood form shown)



(Wood form shown)

Shown in poured concrete slabs before wood or steel forms are removed.

	Trade Size (Inches)	Base Dia.	Turning Radius	Base to Conduit Center	Height	Catalog Number
		Dimensions in Millimeters (Inches)				
Straight Conduit Inserts — For Concrete Slab 4" Thick and Up.						
	1/2	49.28 (1.94)	—	44.45 (1.75)	23.88 (0.94)	**EF-50**
	3/4	55.63 (2.19)	—	50.8 (2)	35.05 (1.38)	**EF-75**
	1	63.5 (2.5)	—	84.07 (3.31)	41.4 (1.63)	**EF-100**
90° Conduit Inserts — For Slabs 6" Thick and Up Require Bend Conduit Sweep.						
	1/2	49.28 (1.94)	95.25 (3.75)	79.5 (3.13)	92.2 (3.63)	**EFL-50**
	3/4	55.63 (2.19)	96.77 (3.81)	77.72 (3.06)	93.73 (3.69)	**EFL-75**
	1	63.5 (2.5)	96.77 (3.81)	74.68 (2.94)	93.73 (3.69)	**EFL-100**

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Conduit End Bells

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Requires no third party testing or certification

Application

- Provides a smooth transition from conduit to open conductors.

Features

- Provides a smooth, rounded pullingsurface, preventing damage to cable sheath or insulation.
- Slots are provided for attaching to concrete forms.

Standard Materials

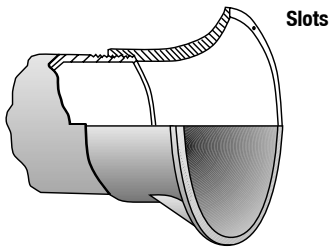
- Malleable or ductile iron

Standard Finishes

- Hot dip galvanized

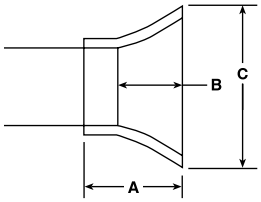
NEC/CEC Certifications and Compliances

- This product serves no electrical function and therefore requires no third party testing or certification. It is consider to be a helper component.



Type TNS

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Overall (A)**	**Bell Height (B)**	**Max. Dia. (C)**	**Catalog Number**
1-1/2	52.32 (2.06)	38.10 (1.50)	107.95 (4.25)	**TNS-150**
2	52.32 (2.06)	38.10 (1.50)	117.60 (4.63)	**TNS-200**
2-1/2	60.45 (2.38)	41.40 (1.63)	127.00 (5.00)	**TNS-250**
3	79.50 (3.13)	60.45 (2.38)	162.05 (6.38)	**TNS-300**
3-1/2	82.55 (3.25)	63.50 (2.50)	174.75 (6.88)	**TNS-350**
4	90.42 (3.56)	73.15 (2.88)	187.45 (7.38)	**TNS-400**
5	90.42 (3.56)	73.15 (2.88)	212.85 (8.38)	**TNS-500**
6	98.55 (3.88)	73.15 (2.88)	244.60 (9.63)	**TNS-600**

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General Cable Support Information

NEC/CEC:
Listed for Ordinary Locations

Applications

- Used to support cables in vertical raceways or risers.
- Relieves the strain that would be placed on terminations, the interior of panels, or other devices to which the cables are connected.
- Properly designed cable supports must not only be capable of supporting a given weight of cable with a good margin of safety but must also support the cable without damaging the insulation or excessively reducing the amount of insulation over the conductor in the area where the cable is supported. O-Z/Gedney™ has been furnishing Cable Supports to the electrical industry for almost 100 years that meet these requirements.

Certifications and Compliances

- Requirements for Cable Supports in the National Electrical Code reads as follows: 300.19 Supporting Conductors in Vertical Raceways. (A) Spacing Intervals - Maximum. Conductors in vertical raceways shall be supported if the vertical rise exceeds the values in Table 300.19(A). One cable support shall be provided at the top of the vertical raceway or as close to the top as practical. Intermediate supports shall be provided as necessary to limit supported conductor lengths to not greater than those specified in Table 300.19(A).

Example:

- A 10-story building contains a vertical conduit run from the basement to the top floor, approx. 34 m (110 ft) in length. The raceway contains 4/0 copper conductors. Per Table 300.19(A), the unsupported cable length cannot exceed 25 m (80 ft). Therefore, one cable support is required at or near the top of the vertical riser, and one intermediate support is required at or near the midpoint in the conduit run, assuring that any unsupported cable length does not exceed 25 m (80 ft).

Spacing for Conductor Supports

Size of Wire	Support of Conductors in Vertical Raceways	Aluminum or Copper – Clad Aluminum Meters (Feet)	Copper Meters (Feet)
18 AWG thru 8 AWG	Not greater than	30 (100)	30 (100)
6 AWG thru 1/0 AWG	Not greater than	60 (200)	30 (100)
2/0 AWG thru 4/0 AWG	Not greater than	55 (180)	25 (80)
over 4/0 AWG - 350 kcmil	Not greater than	41 (135)	18 (60)
over 350 kcmil - 500 kcmil	Not greater than	36 (120)	15 (50)
over 500 kcmil - 750 kcmil	Not greater than	28 (95)	12 (40)
over 750 kcmil	Not greater than	26 (85)	11 (35)

Application	Recommended O–Z/Gedney™ Cable Supports
TWO or more wires - Indoors - at voltages to 600 Volt	Type S
Retrofit - TWO or more wires - Indoors - at voltages to 600 Volt	Type D
ONE or more wires - Indoors - at all voltages	Type R
Retrofit - ONE or more wires - Indoors - at all voltages	Type DR
Ventilating - ONE or more wires - Outdoors - at all voltages	Type CMT
Ventilating - Bakelite - ONE or more wires - Outdoors - at all voltages	Type V
Non-ventilating - ONE or more wires - Outdoors - at all voltages	Type C
Locking - Horizontal/Vertical - ONE or more wires - Indoors - at all voltages	Type K
Space Maker - ONE or more wires - Indoors - at all voltages	Type M
Pull Box - ONE or more wires - Outdoors at all voltages	Type W
Conduit Ventilators	Type KVF/KVM
Grounding Lugs	Type G
Wire Armored Cable - In conduit or supported by structure	Type F/FS/FT/SF1773

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General Cable Support Information

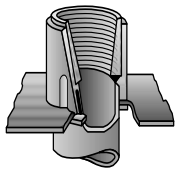
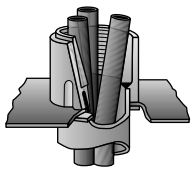
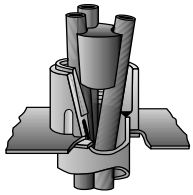
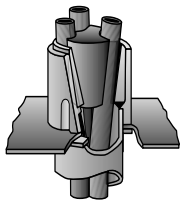
NEC/CEC:
Listed for Ordinary Locations

Applications

- Two basic types of cable supports are offered for use with non-armored cable. They both utilize the pOZi-grip™ Wedging Plug. pOZi-grip™ is a unique manufacturing technique for lining the cable grooves with a coarse grain grit using a high strength epoxy adhesive. This grit improves the cable support holding power and does not injure the jacket or insulation on the cable.

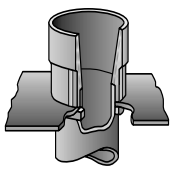
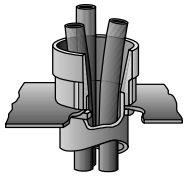
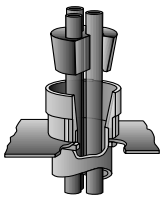
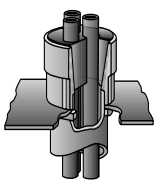
One Piece Plug Type "S"

- This type consists of a metal body having an insulating liner with a knurled and tapered inside surface and a one piece impregnated hardwood wedging plug having a groove for each wire. This type support is recommended for use with all types of non-armored cables 600 Volts or less, as it is the easiest to install, impossible to install incorrectly and it provides ventilation of the conduit. This design is used in our Types S and D Cable Supports. The basic principles of their assembly are illustrated below.

Type S	
	1. Screw body on the end of the conduit or connector in place of the regular insulating bushing.
	2. Pull wires and arrange temporary means of support.
	3a. Remove all pulling compound from wires in the area where they pass through the cable support. 3b. Place the plug between the wires as close to the top of the body as possible. Care should be taken to locate each wire in the proper groove.
	4. Tap the plug firmly into the support body.

Multiple Segment Plug Type "R"

- This type consists of an all metal body having a tapered inner surface and a canvas bakelite multiple segment wedging plug so constructed that each cable is supported between grooves in adjacent segments. This construction provides the uniform pressure distribution required by the softer types of insulations frequently used at higher voltages. This design is used in non-ventilating types R, DR, W, C, K and M, and Ventilating Compound Types CMT, and V. The basic principles of their assembly are illustrated below.

Type R	
	1. Screw body on the end of the conduit or connector in place of the regular insulating bushing.
	2. Pull wires and arrange temporary means of support.
	3a. Remove all pulling compound from wires in the area where they pass through the cable support. 3b. Place the segments of the plug around the wires. Where more than two segments are involved the top of each plug segment has numbers at each end and it is important that these are paired with the corresponding numbers on the adjacent plug segments.
	4. Tap the plug segments evenly and firmly into the support body.

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Drill Chart for Type S and D Cable Supports

NEC/CEC:
Listed for Ordinary Locations

HOW TO USE THIS CHART FOR S AND D CABLE SUPPORTS

(1) Select your conduit size and measure your cable diameter(s) which must fit within the min/max range corresponding to the quantity of cables in the white area of this chart. (Note: S and D Cable Supports must be used with two or more cables, 600 volts maximum)
(2) Cable diameters that fall within the gray area of this chart cannot be accommodated. Therefore a 3" Cable Support has a cable range of 0.261" up to 1.130". Cables smaller or larger cannot be considered.
(3) Example: A 3" Cable Support will be used for 3 cables at 1.051" and 1 cable at 0.384". Refer to the 3" Conduit Size column. We can fit 4 cables between 1.011" to 1.070" therefore 3 at 1.051" will fit. The fourth cable fits between 0.361" to 0.410" within the white area in the 3" Conduit column. This drilling will work.
(4) Using the example above but the fourth cable is smaller at 0.216", this drilling will not work. The 0.216" cable falls into the 0.211" to 0.260" range which is within the gray shaded area of the 3" conduit column. In this case, we recommend using our Cable Supports with R-type wedging plugs. See the R table below.

For combinations of cables that fall outside these parameters, please contact your local representative.

	Conduit Size							
Types S and D	**1–1/2"**	**2"**	**2–1/2"**	**3"**	**3–1/2"**	**4"**	**5"**	**6"**
Min/Max Cable OD								
.180 - .210	10	15						
.211 - .260	8	13	16					
.261 - .310	8	11	14	18				
.311 - .360	6	9	12	16	19			
.361 - .410	4	8	11	15	17			
.411 - .460	4	6	10	13	15	17		
.461 - .510	4	5	8	11	14	16		
.511 - .560	4	5	7	10	12	14		
.561 - .610	2	5	6	9	11	13		
.611 - .660	2	4	5	8	10	12		
.661 - .710		4	4	8	10	11		
.711 - .760		4	4	7	9	10		
.761 - .810		2	4	7	8	10		
.811 - .860			4	6	8	9	12	
.861 - .910			4	6	7	8	11	
.911 - .960			4	5	7	8	10	
.961 - 1.010				5	6	7	10	
1.011 - 1.070				4	6	7	9	
1.071 - 1.130				4	4	6	9	11
1.131 - 1.190					4	6	8	11
1.191 - 1.250					4	5	7	10
1.251 - 1.310					4	4	7	10
1.311 - 1.370						4	7	9
1.371 - 1.430						4	6	8
1.431 - 1.490						4	6	8
1.491 - 1.550						4	5	8
1.551 -1.610						2	4	7

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Type S Cable Supports

For Two or More Wires - Indoors - at Voltages to 600 Vac

For Rigid Conduit, IMC and EMT with pOZi-grip™ "S-style" Wedging Plug.

NEC/CEC:
Listed for Ordinary Locations

Applications

- For supporting non-armored electrical cables in vertical conduit risers.

Features

- Threaded for Rigid Conduit and IMC.
- Use with all types of insulations at voltages to and including 600 Volt.
- The fastest and easiest type cable support to install.
- The knurled insulating inner surface and one piece impregnated hardwood pOZi-grip plug provide positive support well in excess of code requirements.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC Conduit, use a PVC terminal adapter.

Material/Finish

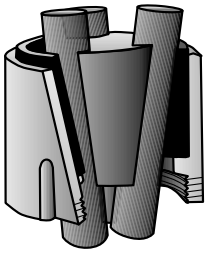
- Bodies: malleable or ductile iron with hot dip galvanized finish

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584

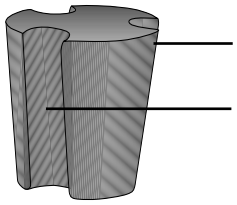
Optional Material/Finish

- For non-metallic bodies see Type D
- *For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.*



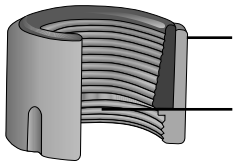
TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Illustrated Features



Impregnated Hardwood pOZi–grip™ Wedging Plug

Shape and special gripping surface of grooves in plug give maximum support to cable.



Malleable or Ductile Iron Body

Tapered inside surface of insulating bushing is knurled to grip cable.

Conduit Size (Inches)	Dimensions in Millimeters (Inches) Outside Diameter	Overall Height	Complete Fitting Catalog Number ① 2–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	Plug Only Catalog Number ① 2–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	60.4 (2.38)	**S-1500-1**	**S-1500-2**	**S-1500-BO**	**SPLG-1500-1**	**SPLG-1500-2**
2	79.5 (3.13)	66.8 (2.63)	**S-2000-1**	**S-2000-2**	**S-2000-BO**	**SPLG-2000-1**	**SPLG-2000-2**
2-1/2	95.3 (3.75)	76.2 (3.00)	**S-2500-1**	**S-2500-2**	**S-2500-BO**	**SPLG-2500-1**	**SPLG-2500-2**
3	114.3 (4.50)	79.5 (3.13)	**S-3000-1**	**S-3000-2**	**S-3000-BO**	**SPLG-3000-1**	**SPLG-3000-2**
3-1/2	130.3 (5.13)	88.9 (3.50)	**S-3500-1**	**S-3500-2**	**S-3500-BO**	**SPLG-3500-1**	**SPLG-3500-2**
4	143.0 (5.63)	3.88 (3.88)	**S-4000-1**	**S-4000-2**	**S-4000-BO**	**SPLG-4000-1**	**SPLG-4000-2**
5	174.8 (6.88)	114.3 (4.50)	**S-5000-1**	**S-5000-2**	**S-5000-BO**	**SPLG-5000-1**	**SPLG-5000-2**
6	212.9 (8.38)	139.7 (5.50)	**S-6000-1**	**S-6000-2**	**S-6000-BO**	**SPLG-6000-1**	**SPLG-6000-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type D Cable Supports

For Two or More Wires Already Installed in Conduit - Indoors - at Voltages to 600 Vac

Retrofit Type Split Bakelite Body with pOZi-grip™ "S-style" Wedging Plug.

NEC/CEC:
Listed for Ordinary Locations

Applications

- For supporting non-armored electrical cables in vertical conduit risers.

Features

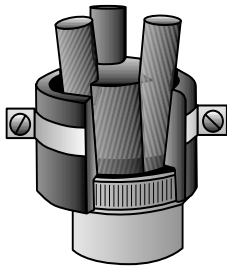
- Retrofit type cable support can be installed after conductors are pulled and terminated.
- Split body rests on existing bushing atop any conduit raceway.
- The two halves of the body are placed around the cables, seated on the existing bushing and securely held together by the steel band set in a groove around the body. The plug is then wedged between the cables.
- Use with all types of insulations at voltages to and including 600 Volts.
- The tapered, knurled insulating inner body surface and pOZigrip plug provide support well in excess of code requirements.

Material/Finish

- Bodies: two molded canvas bakelite halves. Inside surface is knurled to grip cables
- Band: steel/zinc plated
- Bolts and nuts: stainless steel

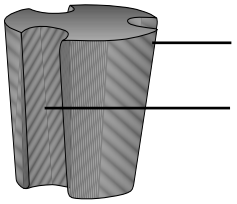
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584



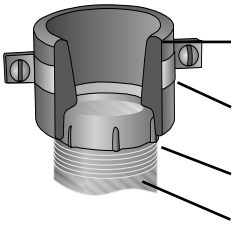
TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Illustrated Features



Impregnated Hardwood pOZi–grip™ Wedging Plug

Shape and special gripping surface of grooves in plug give maximum support to cable.



Two molded Canvas Bakelite halves. Inside surface is knurled to grip cables.

Steel band, Zinc Plated. Bolts and nuts are Stainless Steel.

Existing Bushing

Existing Conduit

Dimensions in Millimeters (Inches)						Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
Conduit Size (Inches)	Outside Diameter	Overall Height	Approx. Turning Radius R	Inside Diameter	Number of Straps	2–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	2–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	50.8 (2.00)	50.8 (2.00)	57.2 (2.25)	1.00	**D-1502-1**	**D-1502-2**	**D-1502-BO**	**SPLG-1500-1**	**SPLG-1500-2**
2	82.6 (3.25)	57.2 (2.25)	60.4 (2.38)	73.2 (2.88)	1.00	**D-2002-1**	**D-2002-2**	**D-2002-BO**	**SPLG-2000-1**	**SPLG-2000-2**
2-1/2	98.6 (3.88)	63.5 (2.50)	76.2 (3.00)	85.9 (3.38)	2.00	**D-2502-1**	**D-2502-2**	**D-2502-BO**	**SPLG-2500-1**	**SPLG-2500-2**
3	114.3 (4.50)	73.2 (2.88)	79.5 (3.13)	101.6 (4.00)	2.00	**D-3002-1**	**D-3002-2**	**D-3002-BO**	**SPLG-3000-1**	**SPLG-3000-2**
3-1/2	133.4 (5.25)	85.9 (3.38)	92.2 (3.63)	117.6 (4.63)	2.00	**D-3502-1**	**D-3502-2**	**D-3502-BO**	**SPLG-3500-1**	**SPLG-3500-2**
4	146.1 (5.75)	88.9 (3.50)	98.6 (3.88)	130.3 (5.13)	2.00	**D-4002-1**	**D-4002-2**	**D-4002-BO**	**SPLG-4000-1**	**SPLG-4000-2**
5	171.5 (6.75)	95.3 (3.75)	120.7 (4.75)	158.8 (6.25)	2.00	**D-5002-1**	**D-5002-2**	**D-5002-BO**	**SPLG-5000-1**	**SPLG-5000-2**
6	209.6 (8.25)	117.6 (4.63)	133.4 (5.25)	187.5 (7.38)	2.00	**D-6002-1**	**D-6002-2**	**D-6002-BO**	**SPLG-6000-1**	**SPLG-6000-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Drill Chart for Type R, DR, CMT, V, C, K, M and W Cable Supports

NEC/CEC:
Listed for Ordinary Locations

For combinations of cables that fall outside these parameters, please contact your local representative.

	Type R, DR, CMT, V, C, K, M, and W Cable Supports ① Max. Diameter of Wire Permitted – Millimeters (Inches)					
Conduit Size (Inches)	**1 Wire**	**2 Wires**	**3 Wires**	**4 Wires**	**5 Wires**	**6 Wires**
1-1/2"	35.6 (1.40)	16.3 (0.64)	15.0 (0.59)	13.0 (0.51)	9.91 (0.39)	9.4 (0.37)
2"	46.7 (1.84)	21.8 (0.86)	20.1 (0.79)	17.5 (0.69)	13.5 (0.53)	13.5 (0.53)
2-1/2"	57.2 (2.25)	26.9 (1.06)	24.9(0.98)	21.6 (0.85)	16.8 (0.66)	16.3 (0.64)
3"	72.1 (2.84)	34.5 (1.36)	31.8 (1.25)	27.9 (1.1)	21.8 (0.86)	21.6 (0.85)
3-1/2"	84.1 (3.31)	40.6 (1.60)	37.3 (1.47)	33.0 (1.3)	25.9 (1.02)	24.4 (0.96)
4"	96.8 (3.81)	46.7 (1.84)	43.1 (1.7)	38.1 (1.5)	30.0 (1.18)	27.7 (1.09)
5"	122.2 (4.81)	59.4 (2.34)	54.6 (2.15)	48.3 (1.9)	38.6 (1.52)	35.6 (1.4)
6"	148.3 (5.84)	72.6 (2.86)	66.6 (2.62)	59.4 (2.34)	47.2 (1.86)	43.4 (1.71)

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Type R Cable Supports

For One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

NEC/CEC:
Listed for Ordinary Locations

Applications

- For supporting non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- The pOZi-grip wedging plug exerts uniform pressure around the cable, providing holding force in excess of that required by code without deforming cable insulation.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.

Material/Finish

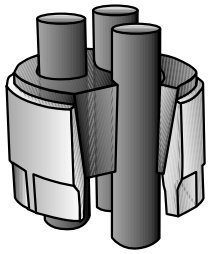
- Body: malleable or ductile iron with hot dip galvanized finish

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584

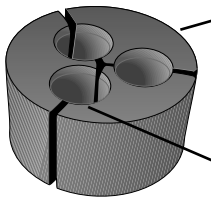
Options

- *For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.*
- *For non-metallic bodies, see type DR.*



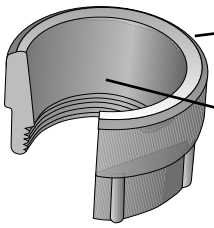
TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Illustrated Features



Canvas Bakelite pOZi–grip™ Wedging Plug For one wire type, the plug consists of two pieces. For two wires or more, there is one piece for each wire.

Shape and special gripping surface of grooves in plug give maximum support to each cable and distributes even pressure around its entire circumference.



Malleable or Ductile Iron Body

Inside tapered surface is machined to assure proper seating of the Wedging Plug.

Conduit Size (Inches)	Dimensions in Millimeters (Inches) Outside Diameter	Overall Height	Complete Fitting Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Catalog Number Body Only	Plug Only Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	60.4 (2.38)	**R-1501-1**	**R-1501-2**	**R-1501-BO**	**RPLG-1501-1**	**RPLG-1501-2**
2	76.2 (3.00)	66.8 (2.75)	**R-2001-1**	**R-2001-2**	**R-2001-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	92.2 (3.63)	79.5 (3.13)	**R-2501-1**	**R-2501-2**	**R-2501-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	104.9 (4.13)	85.9 (3.38)	**R-3001-1**	**R-3001-2**	**R-3001-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	123.9 (4.88)	92.2 (3.63)	**R-3501-1**	**R-3501-2**	**R-3501-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	143.0 (5.63)	95.3 (3.75)	**R-4001-1**	**R-4001-2**	**R-4001-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	171.5 (6.75)	111.3 (4.38)	**R-5001-1**	**R-5001-2**	**R-5001-BO**	**RPLG-5001-1**	**RPLG-5001-2**
6	200.2 (7.88)	133.4 (5.25)	**R-6001-1**	**R-6001-2**	**R-6001-BO**	**RPLG-6001-1**	**RPLG-6001-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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EMERSON

Type DR Cable Supports

For One or More Wires Already Installed in Conduit - Indoors - at all Voltages

Retrofit Type Split Bakelite Body with pOZi-grip™ "R-style" Wedging Plug.

NEC/CEC:
Listed for Ordinary Locations

Application

- For supporting non-armored electrical cables in vertical conduit risers.

Features

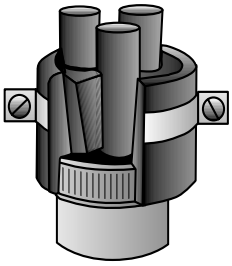
- Retrofit type cable support can be installed after conductors are pulled and terminated.
- Split body rests on existing bushing atop any conduit raceway.
- Use with all types of insulations at all voltages.
- The pOZi-grip™ wedging plug exerts uniform pressure around the cable, providing holding force in excess of that required by code without deforming cable insulation.

Material/Finish

- Bodies: two molded canvas bakelite halves
- Wedging plug: canvas bakelite pOZi-grip™
- Band: steel/zinc plated
- Bolts and nuts: stainless steel

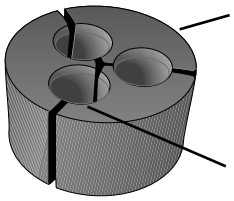
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 011584



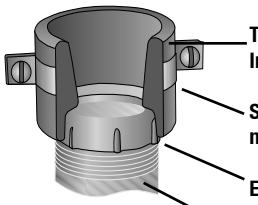
TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Illustrated Features



Canvas Bakelite pOZi–grip™ Wedging Plug For one wire type, the plug consists of two pieces. For two wires or more, there is one piece for each wire.

Shape and special gripping surface of grooves in plug give maximum support to each cable and distributes even pressure around its entire circumference.



Two molded Canvas Bakelite halves. Inside surface is knurled to grip cables.

Steel band, Zinc Plated. Bolts and nuts are Stainless Steel.

Existing Bushing

Existing Conduit

Conduit Size (Inches)	Dimensions in Millimeters (Inches) Outside Diameter	Overall Height	Approx. Turning Radius R	Inside Diameter	Number of Straps	Complete Fitting Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Plug Only Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	66.8 (2.63)	50.8 (2.00)	50.8 (2.00)	57.2 (2.25)	1	**DR-1502-1**	**DR-1502-2**	**RPLG-1501-1**	**RPLG-1501-2**
2	82.6 (3.25)	57.2 (2.25)	60.4 (2.38)	73.2 (2.88)	1	**DR-2002-1**	**DR-2002-2**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	98.6 (3.88)	63.5 (2.50)	76.2 (3.00)	85.9 (3.38)	2	**DR-2502-1**	**DR-2502-2**	**RPLG-2501-1**	**RPLG-2501-2**
3	114.3 (4.50)	73.2 (2.88)	79.5 (3.13)	101.6 (4.00)	2	**DR-3002-1**	**DR-3002-2**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	133.4 (5.25)	85.9 (3.38)	92.2 (3.63)	117.6 (4.63)	2	**DR-3502-1**	**DR-3502-2**	**RPLG-3501-1**	**RPLG-3501-2**
4	146.1 (5.75)	88.9 (3.50)	98.6 (3.88)	130.3 (5.13)	2	**DR-4002-1**	**DR-4002-2**	**RPLG-4001-1**	**RPLG-4001-2**
5	171.5 (6.75)	95.3 (3.75)	120.7 (4.75)	158.8 (6.25)	2	**DR-5002-1**	**DR-5002-2**	**RPLG-5001-1**	**RPLG-5001-2**
6	209.6 (8.25)	117.6 (4.63)	133.4 (5.25)	187.5 (7.38)	2	**DR-6002-1**	**DR-6002-2**	**RPLG-6001-1**	**RPLG-6001-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type CMT Cable Supports

Ventilating, Compound, Threaded Type. For One or More Wires - Outdoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

NEC:
Rated for Ordinary Locations

Application

- To support non-armored electrical cables in vertical conduit risers, furnish a weatherproof seal and provide ventilation at the top of the conduit.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

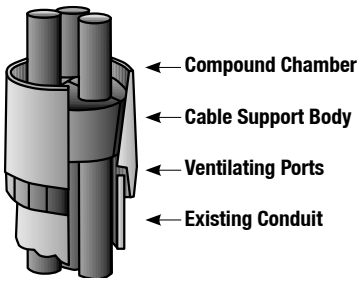
Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- This device not only supports the cable, but furnishes a weatherproof seal and provides ventilation at the top of the conduit riser.
- The temperature in a conduit riser can be reduced +8 °C to 11 °C (15 °F to 20 °F) with proper venting. To obtain full effect of this decrease, the lower end of the conduit must be open or vented by use of the conduit ventilators.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For threadless rigid conduit, threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC conduit, use a PVC terminal adapter.

Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

Illustrated Features



TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Recommended Compound Chamber Material

- *For insulating compound, use 3M Scotchcast Electrical Insulating Resin 4N with solid and synthetic cable insulations and jackets to seal between conductors.*

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B

Conduit Size (Inches)	Dimensions in Millimeters (Inches) Outside Diameter	Overall Height	Compound Required Pints	Complete Fitting Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	Plug Only Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	79.5 (3.13)	88.9 (3.50)	0.25	**CMT-2000-1**	**CMT-2000-2**	**CMT-2000-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	98.6 (3.88)	101.6 (4.00)	0.33	**CMT-2500-1**	**CMT-2500-2**	**CMT-2500-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	114.3 (4.50)	111.3 (4.38)	0.50	**CMT-3000-1**	**CMT-3000-2**	**CMT-3000-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	127.0 (5.00)	120.7 (4.75)	0.75	**CMT-3500-1**	**CMT-3500-2**	**CMT-3500-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	139.7 (5.50)	127.0 (5.00)	1.00	**CMT-4000-1**	**CMT-4000-2**	**CMT-4000-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	181.1 (7.13)	143.0 (5.63)	1.75	**CMT-5000-1**	**CMT-5000-2**	**CMT-5000-BO**	**RPLG-5001-1**	**RPLG-5001-2**
6	209.6 (8.25)	171.5 (6.75)	3.50	**CMT-6000-1**	**CMT-6000-2**	**CMT-6000-BO**	**RPLG-6001-1**	**RPLG-6001-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type V Cable Supports

Ventilating, Compound, Setscrew type. For One or more wires - Outdoors - at all voltages

All Bakelite Cable Support For Threadless Rigid Conduit and IMC with pOZi-grip™ "R-style" Wedging Plug.

NEC:
Listed for Ordinary Locations

Application

- To support non-armored electrical cables in vertical conduit risers, furnish a weatherproof seal and provide ventilation at the top of the conduit.

Features

- Use with all types of insulations at all voltages.
- A special cable support made of canvas bakelite. This support furnishes a weatherproof seal and provides ventilation at the top of the conduit riser. The temperature in a riser can be reduced +8 °C to 11 °C (15 °F to 20 °F) with proper venting. To obtain full effect of this decrease, the lower end of the conduit must be open or vented by use of the conduit ventilators.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- Body can also be mounted on EMT in trade sizes 2-1/2 thru 4.

Material/Finish

- Body and plug: canvas bakelite

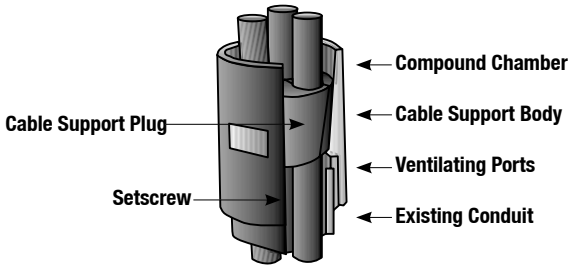
Recommended Compound Chamber Material

- *For insulating compound, use 3M Scotchcast Electrical Insulating Resin 4N with solid and synthetic cable insulations and jackets to seal between conductors.*

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

Illustrated Features



TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Conduit Size (Inches)	Dimensions in Millimeters (Inches) Outside Diameter	Overall Height	Compound Required Pints	Complete Fitting Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	Plug Only Catalog Number ① 1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	82.6 (3.25)	95.3 (3.75)	0.25	**V-2005-1**	**V-2005-2**	**V-2005-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	95.3 (3.75)	104.9 (4.13)	0.33	**V-2505-1**	**V-2505-2**	**V-2505-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	111.3 (4.38)	114.3 (4.50)	0.50	**V-3005-1**	**V-3005-2**	**V-3005-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	127.0 (5.00)	127.0 (5.00)	0.75	**V-3505-1**	**V-3505-2**	**V-3505-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	136.7 (5.38)	136.7 (5.38)	1.00	**V-4005-1**	**V-4005-2**	**V-4005-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	174.8 (6.88)	152.4 (6.00)	1.75	**V-5005-1**	**V-5005-2**	**V-5005-BO**	**RPLG-5001-1**	**RPLG-5001-2**
6	206.5 (8.13)	177.8 (7.00)	3.50	**V-6005-1**	**V-6005-2**	**V-6005-BO**	**RPLG-6001-1**	**RPLG-6001-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type C Cable Supports

Compound: Non-Ventilating. For One or More Wires Outdoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

NEC:
Listed for Ordinary Locations

Application

- To seal the end of conduit and support non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

Features

- Threaded for rigid conduit and IMC.
- Use with all types of insulations at all voltages.
- This device not only supports the cable, but furnishes a watertight seal at the top of a conduit riser.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For threadless rigid conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC conduit, use a PVC terminal adapter.

Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

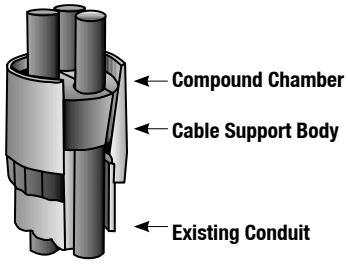
Recommended Compound Chamber Material

- *For insulating compound, use 3M Scotchcast Electrical Insulating Resin 4N with solid and synthetic cable insulations and jackets to seal between conductors.*

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

Illustrated Features



TO ORDER SPECIFY: ①
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Dimensions in Millimeters (Inches)				Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
Conduit Size (Inches)	Outside Diameter	Overall Height	Compound Required Pints	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
2	79.5 (3.13)	88.9 (3.50)	0.25	**C-2004-1**	**C-2004-2**	**C-2004-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	98.6 (3.88)	101.6 (4.00)	0.33	**C-2504-1**	**C-2504-2**	**C-2504-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	114.3 (4.50)	111.3 (4.38)	0.50	**C-3004-1**	**C-3004-2**	**C-3004-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	127.0 (5.00)	120.7 (4.75)	0.66	**C-3504-1**	**C-3504-2**	**C-3504-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	139.7 (5.50)	127.0 (5.00)	1.00	**C-4004-1**	**C-4004-2**	**C-4004-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	181.1 (7.13)	143.0 (5.63)	1.75	**C-5004-1**	**C-5004-2**	**C-5004-BO**	**RPLG-5001-1**	**RPLG-5001-2**
6	209.6 (8.25)	171.5 (6.75)	3.50	**C-6004-1**	**C-6004-2**	**C-6004-BO**	**RPLG-6001-1**	**RPLG-6001-2**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type K Cable Supports

Locking Style: Horizontal or Inverted - One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

NEC:
Listed for Ordinary Locations

Application

- Can be installed in horizontal or inverted position.
- For supporting non-armored electrical cables in conduit.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

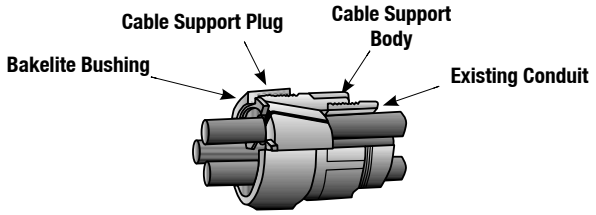
Features

- Threaded for Rigid Conduit and IMC.
- Use with all types of insulations at all voltages.
- The design of this support is similar to the Type R except that is it is equipped with a locking collar which securely holds the pOZi-grip™ wedging plug in place. This permits the support to be installed in any position and provides holding force against pull in either direction.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place.
- If mounting on a non-metallic/non-grounded conduit, a Lay-In-Lug™ grounding lug should be mounted on cable support body.
- For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector.
- For PVC Conduit, use a PVC terminal adapter.

Material/Finish

- Body and locking collar: malleable or ductile iron with hot dip galvanized finish

Illustrated Features



TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Options

- *For Lay-in-Lug, see O-Z/Gedney™ Lay-In-Lug Grounding Lugs for use with cable supports.*

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853

Dimensions in Millimeters (Inches)			Complete Fitting Catalog Number ①			Plug Only Catalog Number ①	
Conduit Size (Inches)	Outside Diameter	Overall Height	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only ②	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1-1/2	73.2 (2.88)	69.9 (2.75)	**K-1503-1**	**K-1503-2**	**K-1503-BO**	**RPLG-1501-1**	**RPLG-1501-2**
2	85.9 (3.38)	79.5 (3.13)	**K-2003-1**	**K-2003-2**	**K-2003-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	01.6 (4.00)	88.9 (3.50)	**K-2503-1**	**K-2503-2**	**K-2503-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	114.3 (4.50)	95.3 (3.75)	**K-3003-1**	**K-3003-2**	**K-3003-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	130.3 (5.13)	101.6 (4.00)	**K-3503-1**	**K-3503-2**	**K-3503-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	158.8 (6.25)	111.3 (4.38)	**K-4003-1**	**K-4003-2**	**K-4003-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	187.5 (7.38)	123.9 (4.88)	**K-5003-1**	**K-5003-2**	**K-5003-BO**	**RPLG-5001-1**	**RPLG-5001-2**
6	212.9 (8.38)	146.1 (5.75)	**K-6003-1**	**K-6003-2**	**K-6003-BO**	**RPLG-6001-1**	**RPLG-6001-2**

① Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.
② Includes Locking Collar and Bushing.

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Type M Cable Supports

Space-Maker Style - One or More Wires - Indoors - at all Voltages

For Rigid Conduit, IMC and EMT with pOZi-grip™ "R-style" Wedging Plug.

NEC:
Listed for Ordinary Locations

Application

- Use where there is insufficient room for a cable support inside a junction box. For supporting non-armored electrical cables in vertical conduit risers.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.

Features

- Use with all types of insulations at all voltages.
- This fitting is similar to the Type R support, except that it is threaded at the top to allow fastening to a cabinet (1/4 max. thickness) with standard locknuts or threading into tapped (NPT) openings.
- Body Only can be ordered separately, for installation prior to wire pulling. Plug Only can be ordered later, once wires are in place. ①

Material/Finish

- Body: malleable or ductile iron with hot dip galvanized finish

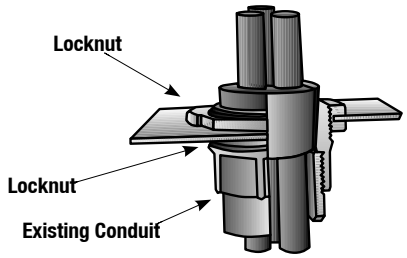
Options

- For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853

Illustrated Features



TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Dimensions in Millimeters (Inches)					Complete Fitting Catalog Number ②			Plug Only Catalog Number ②	
Conduit Size (Inches)	Knockout Size (Inches)	Top Thread Length	Outside Diameter	Overall Height	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires	Body Only ③	1–4 Same Size Wires	Any Number of Different Size Wires or 5 or More Same Size Wires
1 - 1/2	2	25.4 (1.00)	66.8 (2.63)	57.2 (2.25)	**M-1520-1**	**M-1520-2**	**M-1520-BO**	**RPLG-1501-1**	**RPLG-1501-2**
2	2-1/2	28.7 (1.13)	76.2 (3.00)	66.8 (2.63)	**M-2025-1**	**M-2025-2**	**M-2025-BO**	**RPLG-2001-1**	**RPLG-2001-2**
2-1/2	3	31.8 (1.25)	92.2 (3.63)	73.2 (2.88)	**M-2530-1**	**M-2530-2**	**M-2530-BO**	**RPLG-2501-1**	**RPLG-2501-2**
3	3-1/2	35.1 (1.38)	104.9 (4.13)	79.5 (3.13)	**M-3035-1**	**M-3035-2**	**M-3035-BO**	**RPLG-3001-1**	**RPLG-3001-2**
3-1/2	4	38.1 (1.50)	123.9 (4.88)	85.9 (3.38)	**M-3540-1**	**M-3540-2**	**M-3540-BO**	**RPLG-3501-1**	**RPLG-3501-2**
4	5	41.4 (1.63)	143.0 (5.63)	95.3 (3.75)	**M-4050-1**	**M-4050-2**	**M-4050-BO**	**RPLG-4001-1**	**RPLG-4001-2**
5	6	41.4 (1.63)	171.5 (6.75)	104.9 (4.13)	**M-5060-1**	**M-5060-2**	**M-5060-BO**	**RPLG-5001-1**	**RPLG-5001-2**

① For Threadless Rigid Conduit, Threadless IMC, or EMT, the body can be attached to the male threads of a set-screw or compression connector. For PVC Conduit, use a PVC terminal adapter. If mounting on a non-metallic/non-grounded conduit, a Type G grounding lug should be mounted on cable support body.

② Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.

③ Includes two locknuts.

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Type W Cable Supports

Pull Box Style - Raintite Enclosed - For One or More Wires - at all Voltages

For Threaded Rigid Conduit and IMC with pOZi-grip™ "R-style" Wedging Plug.

NEC/CEC:
Rated for Ordinary Locations

Applications

- For all types of insulations at all voltages.
- Provides intermediate support of non-armored conductors in an indoor/outdoor vertical conduit run where a junction box and/or pull point is unavailable.

Features

- Meets NEC Section 300.19(A) requirements for intermediate supports at midpoints in vertical conduit risers.
- Requires less space in conduit run than rectangular junction box. May be mounted side-by-side or staggered in multiple conduit runs.
- Type W cable support is essentially a modified type R cable support mounted within a pull box fitting.
- Lay-In-Lug grounding lug can be mounted on pull box end fitting.

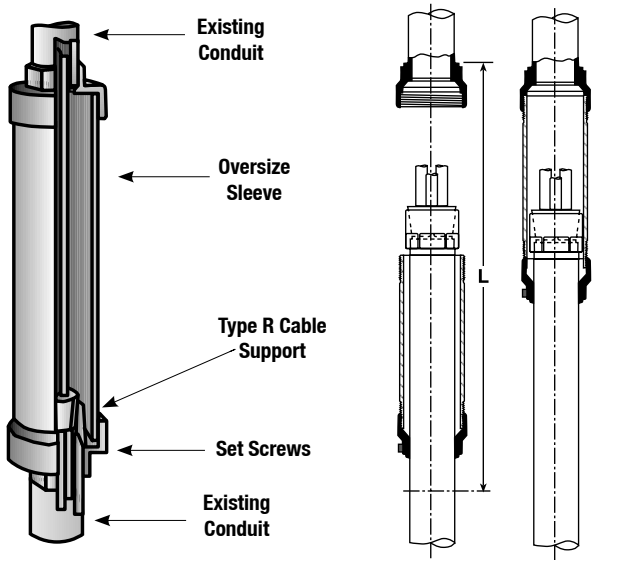
Material/Finish

- Cable support body and pull box end fittings: malleable or ductile iron
- Oversize sleeve: steel
- Hot dip galvanized finish

Options

- *For Lay-In-Lug, see O-Z/Gedney™ Type G Grounding Lugs for use with cable supports.*

Illustrated Features



TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors in conduit
3. Outside diameters of each conductor

Conduit Size (Inches)	Sleeve Furnished With Fitting: Trade Size (Inches)	Length	Dimensions in Millimeters (Inches) Overall Length ①: Maximum Diameter	Fitting Closed	Fitting Open (Min.) L	1–4 Same Size Wires ①: Fitting With Sleeve	1–4 Same Size Wires ①: Fitting Without Sleeve	5 or More Wires or Different Size Wires ①: Fitting With Sleeve	5 or More Wires or Different Size Wires ①: Fitting Without Sleeve
1-1/2	63.5 (2.50)	12"	85.9 (3.38)	393.7 (15.50)	26	**W-1508-1-OS**	**W-1508-1-LS**	**W-1508-2-OS**	**W-1508-2-LS**
2	76.2 (3.00)	15"	01.6 (4.00)	476.3 (18.75)	32	**W-2008-1-OS**	**W-2008-1-LS**	**W-2008-2-OS**	**W-2008-2-LS**
2-1/2	88.9 (3.50)	15"	17.6 (4.63)	488.9 (19.25)	32	**W-2508-1-OS**	**W-2508-1-LS**	**W-2508-2-OS**	**W-2508-2-LS**
3	101.6 (4.00)	15"	130.3 (5.13)	488.9 (19.25)	32	**W-3008-1-OS**	**W-3008-1-LS**	**W-3008-2-OS**	**W-3008-2-LS**
3-1/2	114.3 (4.50)	18"	146.1 (5.75)	571.5 (22.50)	38	**W-3508-1-OS**	**W-3508-1-LS**	**W-3508-2-OS**	**W-3508-2-LS**
4	127.0 (5.00)	18"	158.8 (6.25)	571.5 (22.50)	38	**W-4008-1-OS**	**W-4008-1-LS**	**W-4008-2-OS**	**W-4008-2-LS**
5	177.8 (7.00)	18"	212.9 (8.38)	596.9 (23.50)	39	**W-5008-1-OS**	**W-5008-1-LS**	**W-5008-2-OS**	**W-5008-2-LS**
6	203.2 (8.00)	18"	241.3 (9.50)	615.9 (24.25)	39	**W-6008-1-OS**	**W-6008-1-LS**	**W-6008-2-OS**	**W-6008-2-LS**

① *Cable support plugs will not be supplied undrilled. See Drill Chart for wire fill information.*

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Type KVM and Type KVF Conduit Ventilators

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

Applications

- To provide for the flow of cooling air through a conduit riser.

Features

- The Type KVF conduit ventilators when used at the bottom of a vertical conduit riser which is properly vented at the top, provides for the movement of cooling air through the riser. The temperature in a riser can thus be reduced -9 °C to -6 °C (+15 °F to +20 °F) improving the service life of the cable and increasing its load-carrying capacity.
- The Type KVM conduit ventilator has a male threaded nipple at the top and is used in conjunction with a cable terminator or other device having a female thread where ventilation is desired.

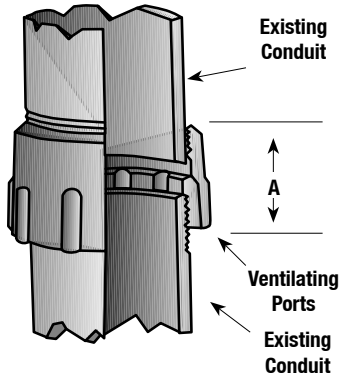
Material/Finish

- Bodies of fittings are cast Aluminum.
- Type KVM nipple is steel, zinc electroplated.

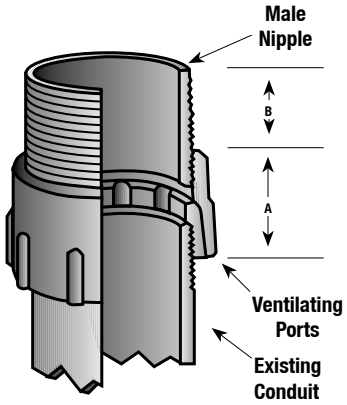
Optional Material

- KVM nipple: available in aluminum. Add suffix **-A** to catalog number.

Illustrated Features



Type KVF



Type KVM

Type KVF			Type KVM	Dimensions in Millimeters (Inches)			
Conduit Size (Inches)	Trade Size Top Female Thd.	Catalog Number	Trade Size Top Male Thd.	Max Dia.	A.	B. Approx.	Catalog Number
1-1/2	1½"	**KVF-1515**	1-1/2	69.9 (2.75)	44.5 (1.75)	25.4 (1.00)	**KVM-1515**
2	2"	**KVF-2020**	2	82.6 (3.25)	44.5 (1.75)	28.7 (1.13)	**KVM-2020**
2-1/2	2½"	**KVF-2525**	2-1/2	98.6 (3.88)	57.2 (2.25)	35.1 (1.38)	**KVM-2525**
3	3"	**KVF-3030**	3	114.3 (4.50)	57.2 (2.25)	38.1 (1.50)	**KVM-3030**
3-1/2	3½"	**KVF-3535**	3-1/2	127.0 (5.00)	63.5 (2.50)	38.1 (1.50)	**KVM-3535**
4	4"	**KVF-4040**	4	139.7 (5.50)	63.5 (2.50)	41.4 (1.63)	**KVM-4040**
5	5"	**KVF-5050**	5	184.2 (7.25)	73.2 (2.88)	41.4 (1.63)	**KVM-5050**
6	6"	**KVF-6060**	6	209.6 (8.25)	73.2 (2.88)	44.5 (1.75)	**KVM-6060**

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Type G Lay–In–Lug Grounding Lugs

Factory Installed. For mounting on O-Z/Gedney™ fittings. Copper Plus™ Lay-In-Lug Grounding Wire Connectors.

NEC/CEC:
Listed for Ordinary Locations

Application

- Provides a compact means of attaching a grounding or bonding conductor to an O-Z/Gedney™ fitting.

Features

- Highly conductive tin-plated copper saddle for use with copper or aluminum conductors.
- Connector opening allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- These grounding wire connectors are used on the specification insulated grounding bushings.
- Grounding lugs not sold separately.

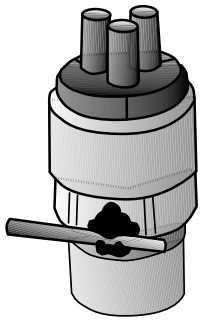
Material/Finish

- Grounding Saddle/Tin Plated Copper
- Clamping Tension Body/Stainless Steel
- Screws/Stainless Steel

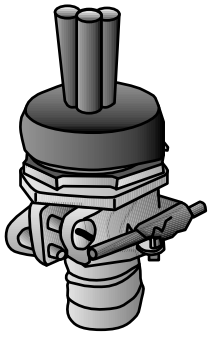
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18, 41
- CSA Certified: 11584

Note:
1. Type G Grounding Lugs are only furnished factory-mounted to O-Z/Gedney™ fittings.
2. Grounding Lugs are not sold separately.
3. Type G Grounding Lugs are not compatible with all O-Z/Gedney™ fitting in this catalog. Please review specific fittings catalog page to insure compatibility. If unsure, please contact your local representative before ordering.



Mounted on Cable Support



Mounted on PK Clamp

TO ORDER:
Place the order for each grounding lug on the next order line immediately after the fitting that the lug will be attached to. See Note prior to ordering.

Ordering Example:

Item #	Quantity	Description	Part Number
1	5	Cable Termination	**PK-200**
2	5	Grounding Lug	**G-04S**

Grounding Min.	Wire Size ① Max.	Lug Rating	Trade Size (Inches) ②	Part Number
14	4	CU only	1/2 — 6	**G-04S**
8	2/0	AL-CU	1/2 — 6	**G-22S**
6	4/0	AL-CU	2-1/2 — 6	**G-24S**
250	500	CU only	2-1/2 — 6	**G-25S**

① Solid or stranded for No. 10 AWG or smaller; stranded for No. 8 or larger
② Indicates trade sizes of fitting to which grounding lug can be mounted.

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Type F Cable Supports

Unthreaded Conduit

For Wire Armored Cable

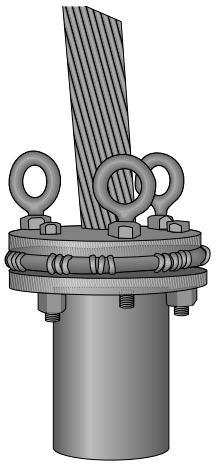
NEC/CEC:
Rated for Ordinary Locations

Applications

- For supporting wire armored cable in a vertical rise. Also used for supporting submarine cables up to 10,000 lbs.

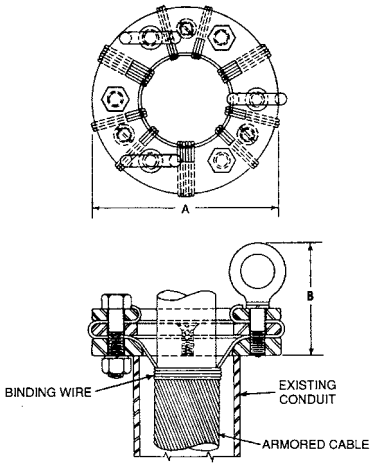
Material/Finish

- Steel/Hot dip galvanized



Upper end of cable, supported by Type F Cable

Illustrated Features



Type F – For Use with Unthreaded Conduit

	Dimensions in Millimeters (Inches)			
Max. Conduit Size	Max. Cable Dia. over Wire Armor ①	A	B. Approx.	Catalog Number
4	3	203.2 (8.00)	120.7 (4.75)	**F-4030**
5	4	228.6 (9.00)	120.7 (4.75)	**F-5040**

① *No minimum cable O.D.*

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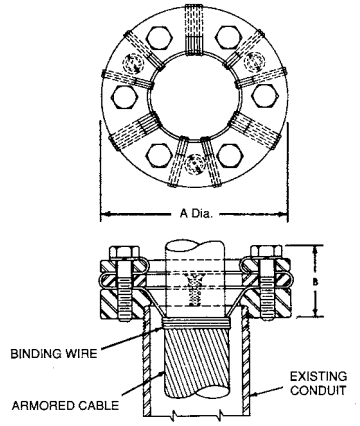
Type FT and FS Cable Supports

FT: Threaded Conduit, FS: Structure Mount

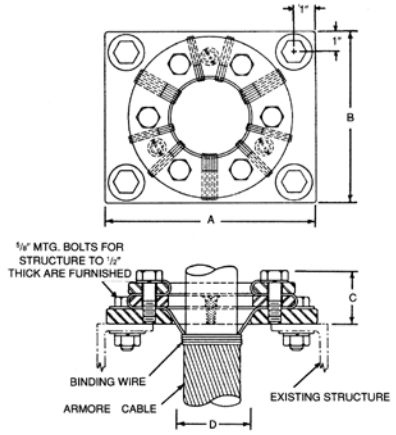
For Wire Armored Cable

NEC/CEC:
Rated for Ordinary Locations

Illustrated Features



Type FT – For Use with Threaded Conduit



Type FS – For Mounting on an Existing Structure

Type FT

Max. Conduit Size	Max. Cable Dia. over Wire Armor ①	Dimensions in Millimeters (Inches) A	B. Approx.	Catalog Number
4	3	203.2 (8.00)	73.2 (2.88)	**FT-4030**
5	4	228.6 (9.00)	73.2 (2.88)	**FT-5040**

Type FS

Dimensions in Millimeters (Inches) A	B. Approx.	C	D	Catalog Number
228.6 (9.00)	177.8 (7.00)	63.5 (2.50)	63.5 (2.50)	**FS-0720**
254.0 (10.00)	203.2 (8.00)	63.5 (2.50)	88.9 (3.50)	**FS-0830**
279.4 11.00)	228.6 (9.00)	63.5 (2.50)	114.3 (4.50)	**FS-0940**
304.8 (12.00)	254.0 (10.00)	88.9 (3.50)	139.7 (5.50)	**FS-1050**

① *No minimum cable O.D.*

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Type SF 1773 Cable Supports

For Wire Armored Cable

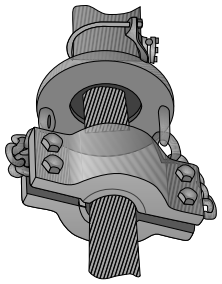
NEC/CEC:
Rated for Ordinary Locations

Auxiliary Supports

Special auxiliary support specified for use at the lower end of a conduit riser may be provided as an added factor of safety up to 10,000 lbs. Similar types are often used as intermediate supports when armored cable is run exposed. Contact your local representative for price and availability.

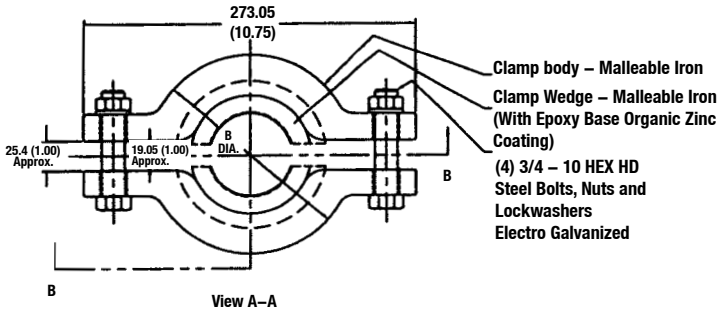
Notes

- All parts to be Hot Dip Galvanized except as noted.
- All Dimensions are nominal and may vary according to normal Foundry and Manufacturing Tolerances.

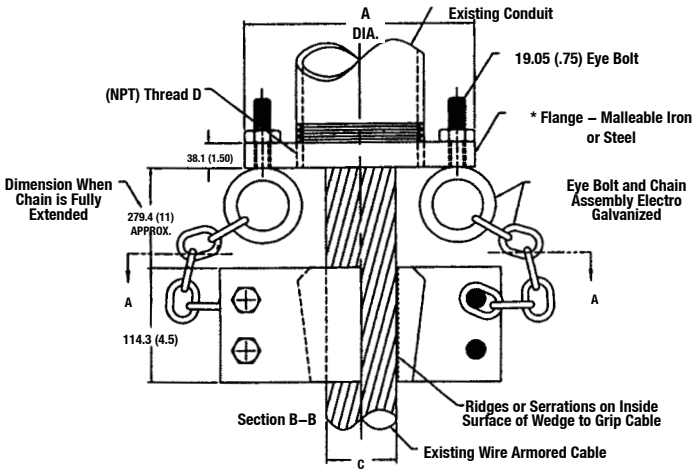


Type SF 1773

Illustrated Features



View A–A



Conduit Size (Inches)	Max. Cable DIA C	Min. Cable DIA C	Max. Conduit THD in Flange D	A DIA	B DIA	Catalog ① Number
			Dimensions in Millimeters (Inches)			
5	4	3	127.0 (5.00)	231.9 (9.13)	196.9 (7.75)	**SF1773-L4050**
6	4	3	152.4 (6.00)	276.4 (10.88)	196.9 (7.75)	**SF1773-L4060**

① *Supports are available less Flange for mounting to structure - Specify Catalog Number less the last two numerals. ie: SF1773L40.*

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Conduit Ventilators

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

Applications

- To provide for the flow of cooling air through a conduit riser.

Features

- The Type KVF conduit ventilators when used at the bottom of a vertical conduit riser which is properly vented at the top, provides for the movement of cooling air through the riser. The temperature in a riser can thus be reduced -9 °C to -6 °C (+15 °F to +20 °F) improving the service life of the cable and increasing its load-carrying capacity.
- The Type KVM conduit ventilator has a male threaded nipple at the top and is used in conjunction with a cable terminator or other device having a female thread where ventilation is desired.

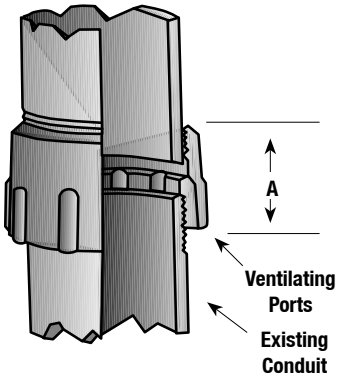
Material/Finish

- Bodies of fittings are cast Aluminum.
- Type KVM nipple is steel, zinc electroplated.

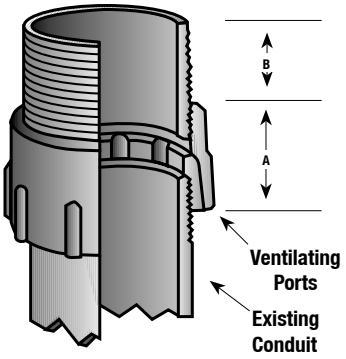
Optional Material

- KVM nipple: available in aluminum. Add suffix **-A** to catalog number.

Illustrated Features



Type KVF



Type KVM

Type KVF			Type KVM	Dimensions in Millimeters (Inches)			
Conduit Size (Inches)	Trade Size Top Female Thd.	Catalog Number	Trade Size Top Male Thd.	Max Dia.	A.	B. Approx.	Catalog Number
1-1/2	1½"	**KVF-1515**	1-1/2	69.85 (2.75)	44.45 (1.75)	25.40 (1.00)	**KVM-1515**
2	2"	**KVF-2020**	2	82.55 (3.25)	44.45 (1.75)	28.70 (1.13)	**KVM-2020**
2-1/2	2½"	**KVF-2525**	2-1/2	98.55 (3.88)	57.15 (2.25)	35.05 (1.38)	**KVM-2525**
3	3"	**KVF-3030**	3	114.30 (4.50)	57.15 (2.25)	38.10 (1.50)	**KVM-3030**
3-1/2	3½"	**KVF-3535**	3-1/2	127.00 (5.00)	63.50 (2.50)	38.10 (1.50)	**KVM-3535**
4	4"	**KVF-4040**	4	139.70 (5.50)	63.50 (2.50)	41.40 (1.63)	**KVM-4040**
5	5"	**KVF-5050**	5	184.15 (7.25)	73.15 (2.88)	41.40 (1.63)	**KVM-5050**
6	6"	**KVF-6060**	6	209.55 (8.25)	73.15 (2.88)	44.45 (1.75)	**KVM-6060**

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Conduit Sealing Bushings

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Details of Construction:

Pressure Discs:

- Thick metal discs with custom drilled holes to accommodate cables. Steel discs are slotted at cable holes to eliminate induction heating effect of single conductor alternating current.
- Steel discs are PVC coated for corrosion protection, to insulate cable holes and to prevent plates from bridging to other ferrous parts. Uncoated aluminum plates are available.

Screws and Washers:

- Corrosion-proof stainless steel socket head screws are used to compress the two discs against the sealing ring.
- Hex head stainless steel machine screws are available.
- PVC coated discs have stainless steel washers to prevent screws from damaging coating. (Suffix **-P** type only.)

CSBG Locking Collar:

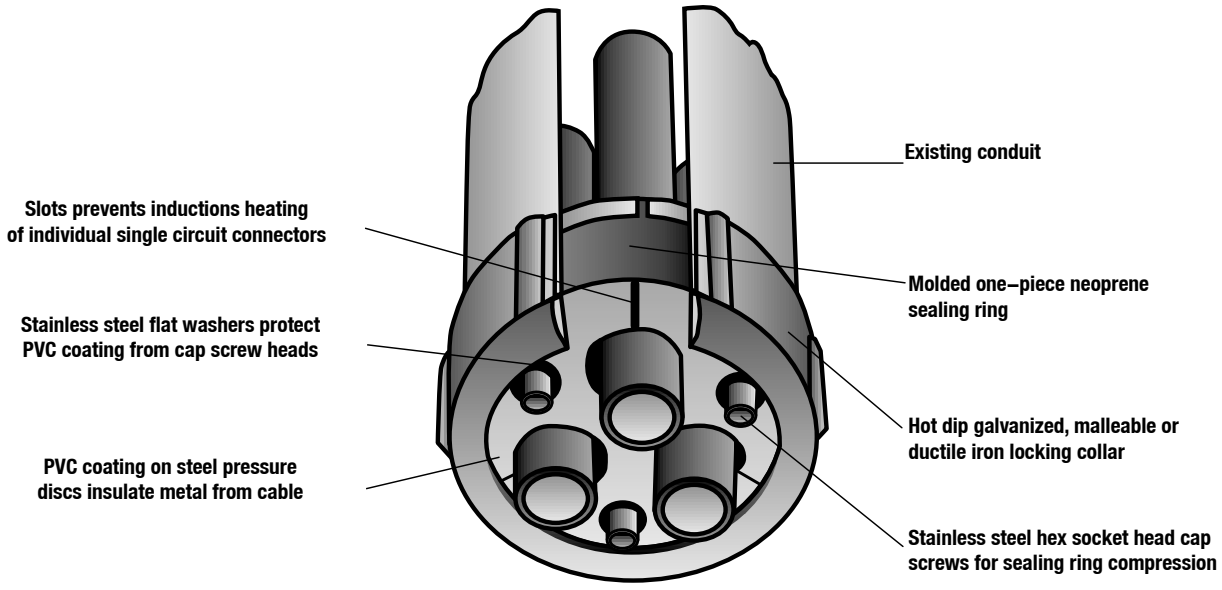
- Malleable iron hot dip galvanized.
- Gaskets are provided to prevent locking collar and end of conduit from damaging PVC coated disc. (Suffix **-P** type only.)

Sealing Ring:

- Thick one-piece neoprene ring custom drilled. Neoprene is specifically compounded for the following operating characteristics:

1. Low compression modulus (the ability of the neoprene sealing ring to seal with low-tightening force).
2. Very low compression set (maintain seal over extended period without having to retighten).
3. Anti-oxidant (resistance to ozone attack).
4. Anti-oxidant (resistance to weathering).
5. Low crystallization (suitable for use at low temperatures).
6. Fire retardant (will not support combustion).

For modifications or special requirements, contact your local representative for price and availability.



Type CSB
For use with Cab

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Conduit Sealing Bushings

For Use with Insulated Wire, Cable and Rigid Metal Conduit

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Type CSBE:
Seals against internal or external fluids or gases and to provide some support for the cables when fitting is used in vertical position as shown in illustration.

Type CSBI:
Seals against internal or external fluids or gases and prevents them from entering an enclosure.

Type CSBG:
Provides all the features of Types CSBE and CSBI and in addition prevents the sealing bushing from moving out of the end of the conduit should the internal pressure be high or if the fitting is used on conduit in an inverted position. The Type CSBG fittings are capable of sealing against gas or fluid pressure of 100 psig, (non-segmented) Type CSBI and CSBE – 50 psig (non-segmented.) Segmenting reduces above pressure in half. Can also be supplied with Lay-In-Lug grounding wire connector.

Applications
- These conduit Sealing Bushings are used for sealing the ends of conduit in applications involving higher static gas or fluid pressures than can be handled by standard sealing bushings.
- For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. For Schedule 40 PVC Conduit, contact your local representative.

Features
- The complete assembly is provided with 1 or multiple holes to accommodate the size and number of cables which emerge from the conduit. When the fitting is in place and the screws are tightened, the neoprene sealing ring is compressed between the metal plates and is forced against the inside wall of the conduit and also against the cable insulation to effect a complete seal at the conduit end.
- Blank fittings are available. These are intended as abandonment devices only.
- Operating temperature -40 °C to +93 °C (-40 °F to +200 °F)

Do not field drill.

- Consult your local representative for all other applications.
- These fittings are simple to install. They eliminate the special preparation of the end of the conduit or the compounding of the conduit thread which is required on other types of sealing fittings used to seal against high pressures.

Standard Materials
- Slotted PVC coated steel discs, neoprene sealing ring and stainless steel socket head cap screws and washers.

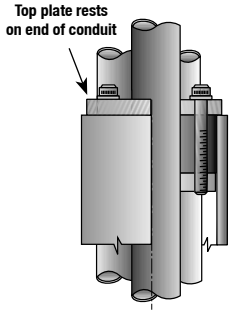
Standard Finishes
- Locking collars on type CSBG - hot dipped galvanized, malleable or ductile iron.

Options
- Also available with aluminum or brass/ bronze pressure discs (Metal Plates) on Type CSBI and CSBE bushings. To specify, substitute suffix **-A** or **-B** for **-P** in catalog number. (Example: CSBI-200A-1).
- Locking Collar and Pressure Discs are also available in Aluminum on Type CSBG Bushings, add suffix **-A**. Example (CSBG-200A-1).
- Two neoprene sealings rings provide cable support meeting NEC 300.19. (suffix **-G2**)

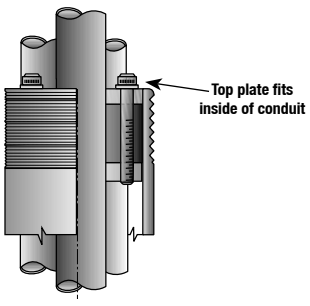
Alternate Construction: (Suffix -SEG)
- Segmented Design – Segmental pressure discs and slit-neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already pulled/terminated. Example (CSBE-200P-1-SEG)
- Also available with slit neoprene sealing ring and one piece pressure discs. Consult your local representative for price and availability.

Certifications and Compliances
- UL Listed: E-14817
- Type CSBG with aluminum pressure disks is Listed by Underwriters Laboratories, Inc. as an outlet bushing, service entrance seal or service head.

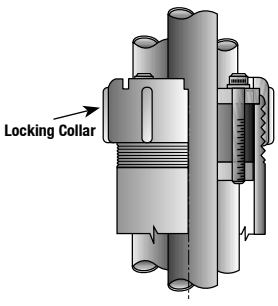
TO ORDER SPECIFY:
1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if required, add suffix **-SEG**.
6. Two Neoprene Sealing Rings, if required (prices on application), add suffix **-G2**.



Type CSBE (External)



Type CSBI (Internal)



Type CSBG (Gland–Locking Collar)

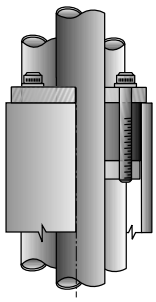
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Conduit Sealing Bushings

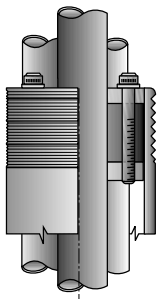
For Use with Insulated Wire, Cable and Rigid Metal Conduit

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

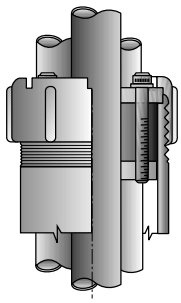
	Max. Diameter of Wire ① Permitted – Inches				Type CSBE Catalog Number		Type CSBI Catalog Number		Type CSBG Catalog Number	
Conduit Size	1 Wire	2 Wires	3 Wires	4 Wires	Blank ②	One or More Wires	Blank ②	One or More Wires	Blank ②	One or More Wires
1-1/2”	19.81 (0.78)	14.99 (0.59)	13.72 (0.54)	11.18 (0.44)	**CSBE-150P-0**	**CSBE-150P-1**	**CSBI-150P-0**	**CSBI-150P-1**	**CSBG-150P-0**	**CSBG-150P-1**
2”	26.67 (1.05)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	**CSBE-200P-0**	**CSBE-200P-1**	**CSBI-200P-0**	**CSBI-200P-1**	**CSBG-200P-0**	**CSBG-200P-1**
2-1/2”	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	**CSBE-250P-0**	**CSBE-250P-1**	**CSBI-250P-0**	**CSBI-250P-1**	**CSBG-250P-0**	**CSBG-250P-1**
3”	48.26 (1.90)	32.00 (1.26)	28.70 (1.13)	24.38 (0.96)	**CSBE-300P-0**	**CSBE-300P-1**	**CSBI-300P-0**	**CSBI-300P-1**	**CSBG-300P-0**	**CSBG-300P-1**
3-1/2”	54.10 (2.13)	35.05 (1.38)	35.05 (1.38)	28.70 (1.13)	**CSBE-350P-0**	**CSBE-350P-1**	**CSBI-350P-0**	**CSBI-350P-1**	**CSBG-350P-0**	**CSBG-350P-1**
4”	66.80 (2.63)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	**CSBE-400P-0**	**CSBE-400P-1**	**CSBI-400P-0**	**CSBI-400P-1**	**CSBG-400P-0**	**CSBG-400P-1**
5”	88.90 (3.50)	50.8 (2.00)	47.75 (1.88)	41.40 (1.63)	**CSBE-500P-0**	**CSBE-500P-1**	**CSBI-500P-0**	**CSBI-500P-1**	**CSBG-500P-0**	**CSBG-500P-1**
6”	114.30 (4.50)	61.98 (2.44)	56.13 (2.21)	52.58 (2.07)	**CSBE-600P-0**	**CSBE-600P-1**	**CSBI-600P-0**	**CSBI-600P-1**	**CSBG-600P-0**	**CSBG-600P-1**



Type CSBE



Type CSBI



Type CSBG

TO ORDER SPECIFY:
1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if required, add suffix **-SEG**.
6. Two Neoprene Sealing Rings, if required (prices on application), add suffix **-G2**.

① Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.
② Blank fittings are intended as abandonment and future use devices only. Blank fittings cannot be field drilled.

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Conduit Sealing Bushings

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

1. Segmental Design (Figure 1):

- Segmental pressure discs and slit neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already terminated. Maximum diameter of wire or cable may need to be reduced. Must specify suffix **-SEG** after part number. Also available with slit neoprene sealing ring and one piece.

2. Double Sealing Ring:

- A second neoprene sealing ring may be added for cable support applications. Add suffix **-G2** to catalog number.

3. Type GL Cabinet Adapter (Figure 2):

- For use with sealing bushings when exposed wires enter cabinets. Aluminum material standard. Adapter assembly includes special smooth bore nipple, gasket and locknut. Type GL Cabinet Adapters must be ordered separately. See table below for catalog numbers.

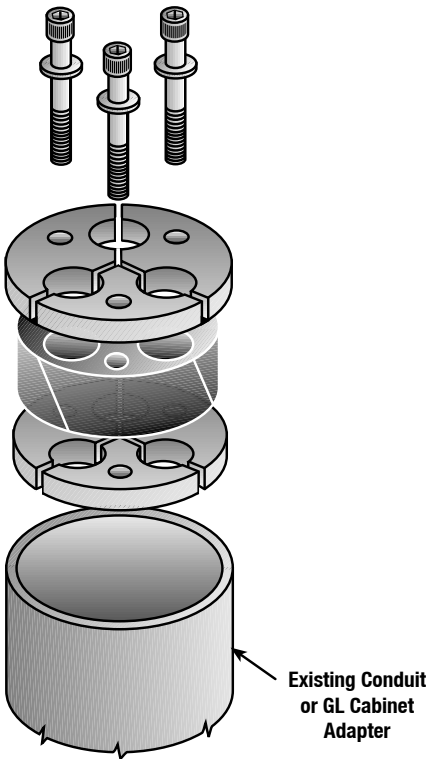
- Temperature Ratings:
  Intermittent -51°C to +107 °C (-60 °F to +225 °F)
  Continuous -40 °C to +93 °C (-40 °F to +200 °F)

- Thread length on special smooth bore nipples will accommodate 1⁄8" thick cabinet or structure on Type CSBG (specify if thicker than 1⁄8"), and up to 3⁄4" thickness on Types CSBE and CSBI.

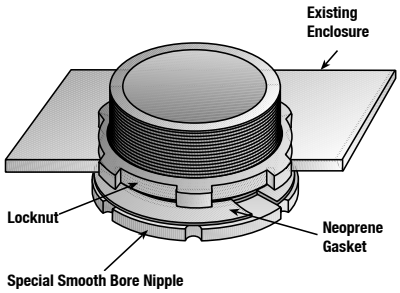
- These fittings are designed for use in schedule 40 Rigid Metal Conduit. For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. Contact your local representative for application involving Schedule 40 or Schedule 80 PVC Conduit.

- Blank fittings are intended as abandonment and future use devices only.

Do not field drill.



Type CSBE Segmental Design Figure 1



Type GL Cabinet Adapter Figure 2

Conduit Size	Catalog Number
1-1/2	**GL150A**
2	**GL200A**
2-1/2	**GL250A**
3	**GL300A**
3-1/2	**GL350A**
4	**GL400A**
5	**GL500A**
6	**GL600A**

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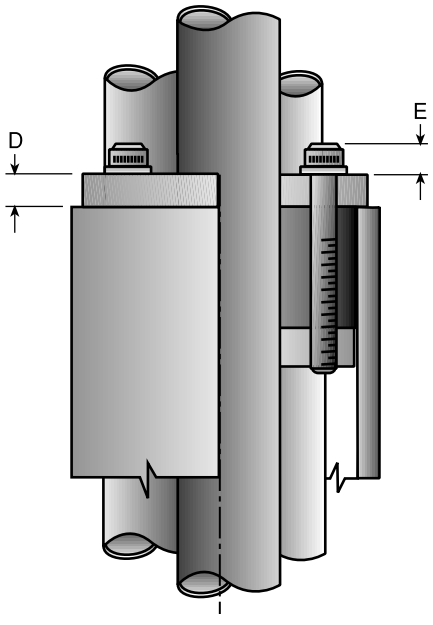
Conduit Sealing Bushings

For Use with Cable in Rigid Conduit ①

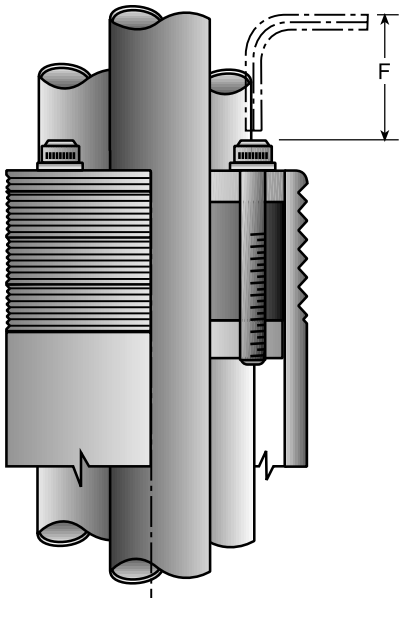
NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Type CSB Series Dimensional Data:

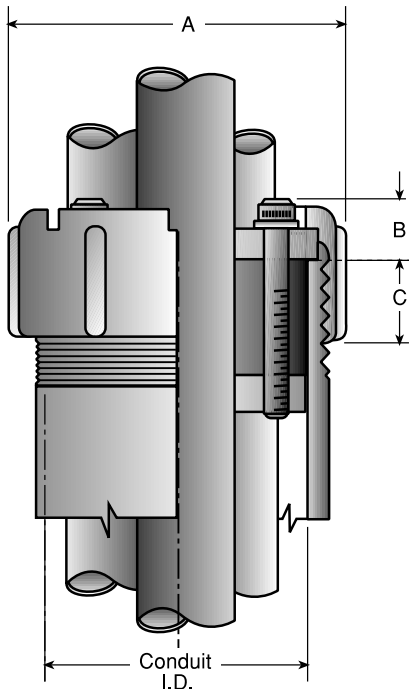
	Max. Diameter of Wire Permitted ② Millimeters (Inches)					Dimensions in Millimeters (Inches)					
Conduit ① Size	1 Hole	2 Holes	3 Holes	4 Holes	Conduit ID	A Dia.	B	C	D	E	F Min
1-1/2”	19.81 (0.78)	12.45 (0.49)	13.46 (0.53)	11.18 (0.44)	1.610	60.45 (2.38)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
2”	26.91 (1.02)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	2.067	74.42 (2.93)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
2-1/2”	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	2.469	85.85 (3.38)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
3”	48.01 (1.89)	30.48 (1.20)	28.70 (1.13)	24.38 (0.96)	3.068	104.90 (4.13)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
3-1/2”	54.10 (2.13)	35.53 (1.32)	35.05 (1.38)	28.70 (1.13)	3.548	115.82 (4.56)	22.35 (0.88)	22.35 (0.88)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
4”	66.28 (2.57)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	4.026	130.30 (5.13)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
5”	87.63 (3.45)	50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	5.047	158.75 (6.25)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
6”	109.73 (4.32)	63.75 (2.51)	60.45 (2.38)	54.10 (2.13)	6.065	187.45 (7.38)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)



Type CSBE



Type CSBI



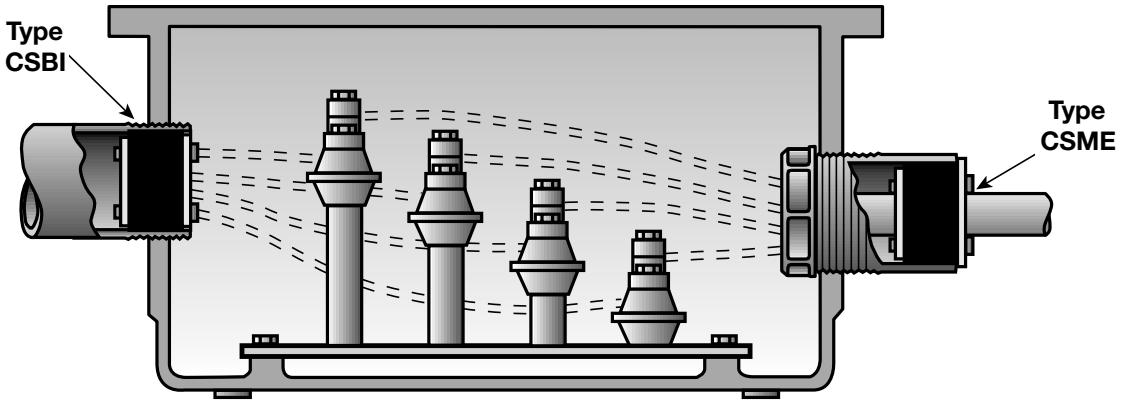
Type CSBG

① Standard fittings may be used with corresponding sizes of schedule 40 pipe or tubes and cored holes which have the same internal diameter as conduit I.D. shown above.
② Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.

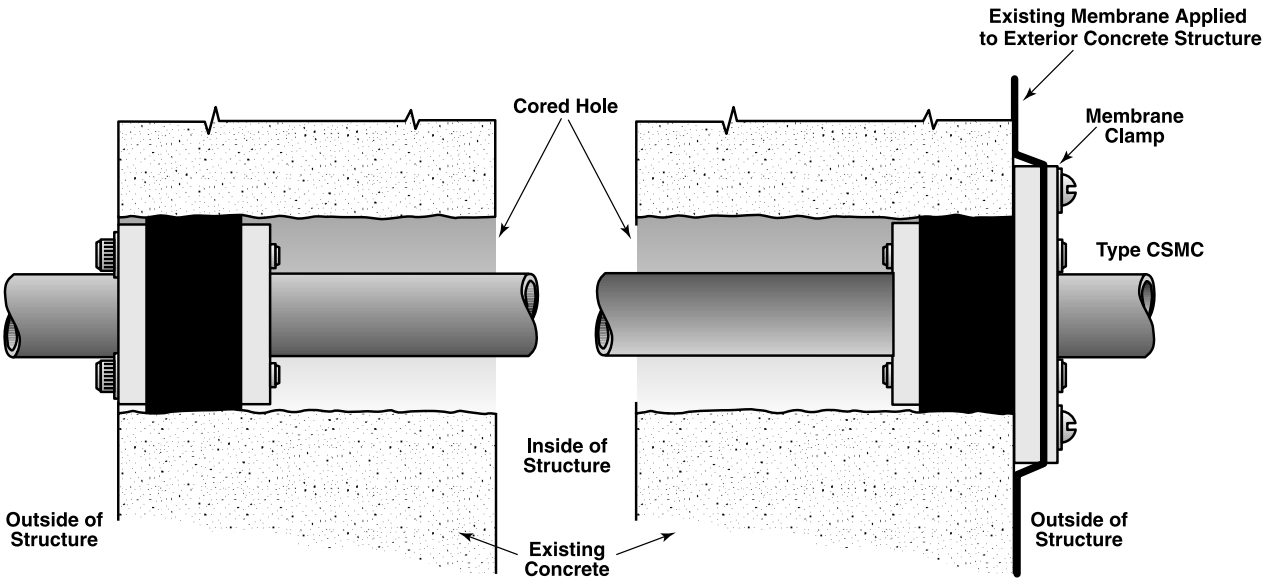
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NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Typical Applications



Type CSBI and Type CSME
Used to seal conduits entering an enclosure to prevent condensation and water from entering.



Type CSMI and Type CSMC
Core Drilled Hole Application

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

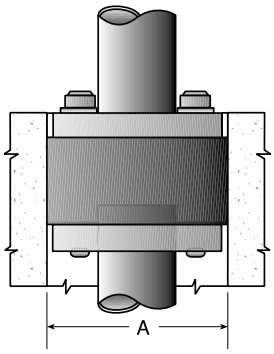
NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

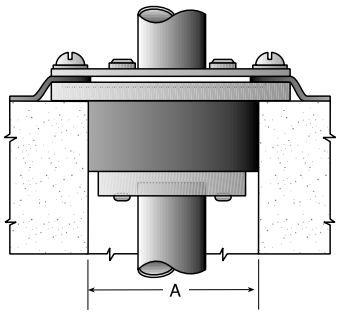
- These Sealing Bushings are used to seal against fluid and gas pressure around mechanical pipes, casing, conduits or tubes
- They have the same details of construction and are used for the same applications as the Type CSB Series.
- In addition to sealing a pipe within a pipe, some types are specifically designed for use in core bit drilled holes or precast holes in concrete.
- Most of the options for the Type CSB are available in the Type CSM Series.

TO ORDER SPECIFY:

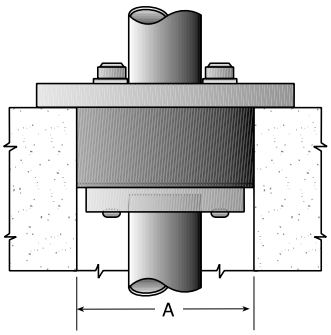
1. Catalog Number
2. Diameter of core bit drilled hole, precast hole or I.D. of pipe.
3. Number and O.D. of penetrating pipe, conduit or tube
4. Disc material finish: PVC Coated Steel Discs (standard); Uncoated Aluminum Discs.
5. Segmented, if required, add suffix **-SEG**.
6. Two Neoprene Sealing Rings, if required (prices on application), add suffix **-G2**.



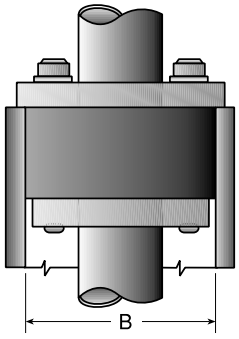
Type CSMI Internal



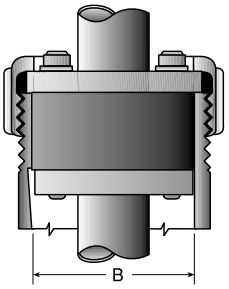
Type CSMC
with steel membrane clamp
for holding existing moisture membrane



Type CSML Large Top Plate



Type CSME External



Type CSMG Gland–Locking Collar

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Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Type CSM Series Dimensional Data:

Use With		Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe			Catalog Numbers ①				
				Cast Iron Pipe		Copper Tubing									
Core Drilled Hole Dia. "A"	Conduit or Pipe I.D. "B"	Steel Pipe or Conduit Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.	2 Holes	3 Holes	4 Holes	Type CSMI	Type CSML	Type CSMC	Type CSME	Type CSMG
2	52.58 (2.07)	9.65 (0.38) 12.70 (0.50) 19.05 (0.75)	17.27 (0.68) 21.34 (0.84) 26.67 (1.05)			9.65 (0.38) 12.70 (0.50) 19.05 (0.75)	12.70 (0.50) 16.00 (0.63) 22.35 (0.88)	20.07 (0.79)	18.03 (0.71)	15.24 (0.60)	**CSMI-200P**	**CSML-200P**	**CSMC-200P**	**CSME-200P**	**CSMG-200P**
2-1/2	62.74 (2.47)	25.40 (1.00)	33.53 (1.32)			25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	**CSMI-250P**	**CSML-250P**	**CSMC-250P**	**CSME-250P**	**CSMG-250P**
3	77.98 (3.07)	31.75 (1.25) 38.10 (1.50)	42.16 (1.66) 48.26 (1.90)			31.75 (1.25) 38.10 (1.50) 44.45 (1.75)	35.05 (1.38) 41.40 (1.63) 47.75 (1.88)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	**CSMI-300P**	**CSML-300P**	**CSMC-300P**	**CSME-300P**	**CSMG-300P**
3-1/2	90.17 (3.55)		50.80 (2.00)			50.80 (2.00)	54.10 (2.13)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	**CSMI-350P**	**CSML-350P**	**CSMC-350P**	**CSME-350P**	**CSMG-350P**
4	102.36 (4.03)	50.80 (2.00)	60.45 (2.38)	50.80 (2.00) 50.80 (2.00)	63.50 (2.50) 66.80 (2.63)	57.15 (2.25) 63.50 (2.50)	60.45 (2.38) 66.80 (2.63)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	**CSMI-400P**	**CSML-400P**	**CSMC-400P**	**CSME-400P**	**CSMG-400P**
5	128.27 (5.05)	63.50 (2.50) 76.20 (3.00)	73.15 (2.88) 76.20 (3.00) 88.90 (3.50)	50.80 (2.00)	69.85 (2.75)			50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	**CSMI-500P**	**CSML-500P**	**CSMC-500P**	**CSME-500P**	**CSMG-500P**
6	154.18 (6.07)	88.90 (3.50) 101.60 (4.00)	101.60 (4.00) 114.30 (4.50)	76.20 (3.00) 76.20 (3.00) 76.20 (3.00)	92.96 (3.66) 96.52 (3.80) 100.58 (3.96)			63.50 (2.50)	54.10 (2.13)	50.80 (2.00)	**CSMI-600P**	**CSML-600P**	**CSMC-600P**	**CSME-600P**	**CSMG-600P**
8	202.69 (7.98)	114.30 (4.50) 127.00 (5.00) 152.40 (6.00)	127.00 (5.00) 133.35 (5.25) 139.70 (5.50) 141.22 (5.56) 152.40 (6.00) 168.40 (6.63)	101.60 (4.00) 101.60 (4.00)	121.92 (4.80) 127.00 (5.00)			76.20 (3.00)	76.20 (3.00)	73.15 (2.88)	**CSMI-800P**	**CSML-800P**	**CSMC-800P**	**CSME-800P**	②
10	254.51 (10.02)		177.8 (7.00)	152.4 (6.00) 152.4 (6.00)	175.26 (6.90) 180.34 (7.10)			Single Penetration Only			**CSMI-1000P**	**CSML-1000P**	②	**CSME-1000P**	②
12	303.28 (11.94)	203.20 (8.00)	203.20 (8.00) 219.20 (8.63)	203.20 (8.00) 203.20 (8.00)	229.87 (9.05) 236.22 (9.30)			Single Penetration Only			**CSMI-1200P**	**CSML-1200P**	②	**CSME-1200P**	
14	333.50 (13.13)	254.00 (10.00)	254.00 (10.00) 273.05 (10.75)	254.00 (10.00) 254.00 (10.00)	281.94 (11.10) 289.56 (11.40)			Single Penetration Only			**CSMI-1400P**	**CSML-1400P**	②	**CSME-1400P**	②
16	381.00 (15.00)	304.80 (12.00)	304.80 (12.00) 323.85 (12.75)	304.80 (12.00) 304.80 (12.00)	335.28 (13.20) 342.9 (13.5)			Single Penetration Only			**CSMI-1600P**	**CSML-1600P**	②	**CSME-1600P**	②

① *The suffix **-P** in the Catalog Number indicates PVC Coated Steel Pressure Discs. For Aluminum Pressure Discs, change P to A.*
② *Type CSMG and CSMC are not available in these sizes.*

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Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

NEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Use with Core Drilled Hole Dia. Conduit or Pipe I.D.		Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe										Catalog No. ②
		Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing												CSMI– CSML– CSMC– CSME– CSMG–
"A"	"B"	Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.	2 Holes	3 Holes	4 Holes	C Dia.	D Dia.	E	F	G	H		
50.80 (2.00)	52.58 (2.07)	9.65 (0.38) 12.70 (0.50)	17.27 (0.68) 21.34 (0.84)			9.65 (0.38) 12.70 (0.50)	12.70 (0.50) 16.00 (0.63)	20.07 (0.79)	18.03 (0.71)	15.24 (0.6)	76.20 (3.00)	54.10 (2.13)	71.37 (2.81)	33.27 (1.31)	41.40 (1.63)	16.00 (0.63)		200P
63.50 (2.50)	62.74 (2.47)	25.40 (1.00)	33.53 (1.32)			25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	88.90 (3.50)	65.02 (2.56)	85.85 (3.38)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)		250P
76.20 (3.00)	77.98 (3.07)	31.75 (1.25) 38.10 (1.50)	42.16 (1.66) 48.26 (1.90)			31.75 (1.25) 38.1 (1.50) 44.45 (1.75)	35.05 (1.38) 41.40 (1.63) 47.75 (1.88)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	101.60 (4.00)	81.03 (3.19)	104.90 (4.13)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)		300P
3-1/2	90.17 (3.55)		50.80 (2.00)			50.80 (2.00)	54.10 (2.13)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	112.78 (4.44)	93.73 (3.69)	115.82 (4.56)	36.58 (1.44)	47.75 (1.88)	22.35 (0.88)		350P
101.60 (4.00)	102.36 (4.03)	50.80 (2.00)	60.45 (2.38)	50.80 (2.00) 50.80 (2.00)	63.50 (2.50) 66.80 (2.63)	57.15 (2.25) 63.50 (2.50)	60.45 (2.38) 66.80 (2.63)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	127.00 (5.00)	106.43 (4.19)	130.30 (5.13)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)		400P
127 (5.00)	128.27 (5.05)	63.5 (2.5) 76.2 (3.00)	73.15 (2.88) 76.2 (3.00) 88.9 (3.5)	50.8 (2.00)	69.85 (2.75)			50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	152.40 (6.00)	133.35 (5.25)	158.75 (6.25)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)		500P
152.40 (6.00)	154.18 (6.07)	88.9 (3.5) 101.6 (4.00)	101.6 (4.00) 114.3 (4.5)	76.2 (3.00) 76.2 (3.00) 76.2 (3.00)	92.96 (3.66) 96.52 (3.8) 100.58 (3.96)			63.50 (2.50)	54.1 (2.13)	50.8 (2.00)	179.32 (7.06)	158.75 (6.25)	187.45 (7.38)	36.58 (1.44)	47.75 (1.88)	25.4 (1.00)		600P
203.2 (8.00)	202.69 (7.98)	114.30 (4.5) 127.00 (5.00) 152.40 (6.00)	127 (5.00) 133.35 (5.25) 139.7 (5.5) 141.22 (5.56) 152.4 (6.00) 168.4 (6.63)	101.6 (4.00) 101.6 (4.00)	121.92 (4.8) 127 (5.00)			--	--	--	233.43 (9.19)	--	--	36.58 (1.44)	47.75 (1.88)	--		800P ①
254 (10.00)	254.51 (10.02)		177.8 (7.00)	152.4 (6.00) 152.4 (6.00)	175.26 (6.9) 180.34 (7.10)			--	--	--	293.62 (11.56)	--	--	36.58 (1.44)	47.75 (1.88)	--		1000P ①
304.8 (12.00)	303.28 (11.94)	203.2 (8.00)	203.2 (8.00) 219.2 (8.63)	203.2 (8.00) 203.2 (8.00)	229.87 (9.05) 236.22 (9.30)			--	--	--	344.42 (13.56)	--	--	39.62 (1.56)	54.1 (2.13)	--		1200P ①
355.6 (14.00)	333.5 (13.13)	254 (10)	254 (10.00) 273.05 (10.75)	254 (10.00) 254 (10.00)	281.94 (11.1) 289.56 (11.4)			--	--	--	15-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--		1400P ①
406.4 (16.00)	381 (15.00)	304.8 (12.00)	304.8 (12.00) 323.85 (12.75)	304.8 (12.00) 304.8 (12.00)	335.28 (13.2) 342.9 (13.5)			--	--	--	17-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--		1600P ①

① *Type CSMG and CSMC are not available in these sizes.*
② *Please add prefix before catalog number to specify fitting type.*

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Cable Terminators

CEC:
Listed for Ordinary Locations

Applications

- Cable Terminators and Sealing Fittings are used on conduit ends and cable ends to effectively seal the cable and conduit.

Terminator

- The Terminator body is deep enough to provide an ample compound chamber for use indoors or outdoors. A Canvas Bakelite Cover, either with or without taping cones, is provided to space and protect the cables. Instead of a cover, a female thread can be furnished for use with a short nipple or a flexible conduit adapter. The Terminator is recommended for sealing the ends of multi-conductor cables and for sealing the ends of conduit, and cables.

Compound Bushing

- The Compound Bushing is more compact than the Terminator. Its compound chamber is not as deep. No cover or top thread is provided. It is for use in protected locations where space is limited.

Sealing Bushing

- The Sealing Bushing is similar to the compound Bushing except that a compound chamber is not provided. This fitting therefore is not recommended as a cable sealing device for use at the ends of multi-conductor cable. However, the conduit end is effectively sealed around the cable by neoprene gaskets for rubber type insulations. It is widely used to seal the ends of conduit against moisture, dust, corrosive atmospheres and objectionable gases. It is also used to seal conduit against the entrance of warm humid air which would otherwise condense inside the conduit.

Conduit Sealing Bushings

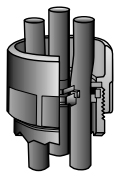
- Conduit Sealing Bushings are used for sealing ends of conduit where cables emerge in applications involving higher fluid or gas pressures than can be handled by standard sealing bushings. These Conduit Sealing Bushings are compact and require only as much space inside a cabinet as an ordinary conduit bushing.

Voltage Ratings

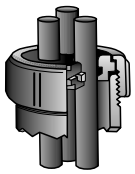
- Since the insulation on the individual conductor is not disturbed in the terminator, it is not subject to a voltage rating any more than the conduit on which it is used.
- Termination made with O-Z-Gedney™ Terminators are suitable for use at the voltage rating of the cable being used provided terminating kits are used where required.



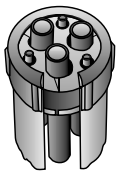
Terminator



Compound Bushing



Sealing Bushing



Conduit Sealing Bushings

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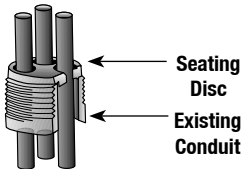
Cable Terminators

CEC:
Listed for Ordinary Locations

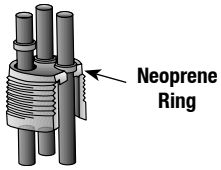
Applications

- There are many types of fittings containing Bakelite discs and O-rings which can be safely drilled in the field by following our detailed instructions. “These fittings will perform satisfactorily only when properly machined to the actual dimensions for the specific O.D. of cable used. Detailed instruction sheets containing layout data and special assembly procedures are supplied with blank fittings. Failure to comply may result in compound leakage and/or loss of seal around cable. O-Z/Gedney™ is not responsible for any field machined or modified fittings.”

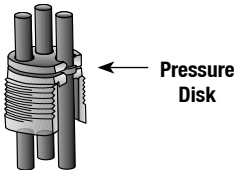
The basic principles used throughout the line of O–Z/Gedney™ Terminators covering their use with Rubber Covered Cables are clearly illustrated in this assembly.



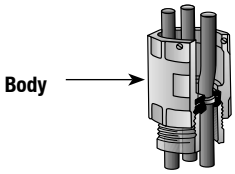
1. After cables are prepared, Bakelite seating disc with properly drilled holes is slipped over cables and set into the conduit.



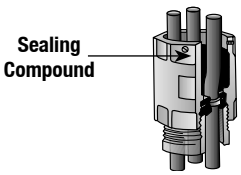
2. Neoprene rings, are placed around the cables and set into recesses in the sealing disc.



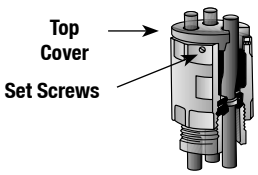
3. A Canvas Bakelite pressure disc is passed over the cables and set on top of the neoprene rings, holding them firmly in place.



4. The body is then screwed directly on the conduit, clamping the discs and applying pressure to the neoprene rings.



5. Compound is heated to the proper temperature and the body filled to the height of the set screws, making a complete seal.



6. Before compound sets, Canvas Bakelite top cover is passed over the conductors, pushed down into the hot compound and secured by set screws.

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Cable Terminators

With Compound Chamber For Threaded Rigid Conduit

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables and the conduit against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Sealing Compound is not included and must be ordered separately.
- Can be field-drilled.

Standard Materials

- Body - malleable or ductile iron casting

Standard Finishes

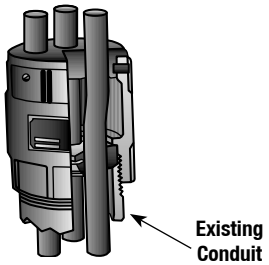
- Body - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Lay-In-Lug Grounding Lug can be mounted on Terminator Body.
- Type CRC terminators are available with tapping cones for sealing rubber or plastic insulated cables.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings. Specify optional Aluminum material, see above.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type CRC

TO ORDER SPECIFY:
1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches) 1 ① Wire	2 Wires	3 Wires	4 Wires	Dimensions in Millimeters (Inches) Max. Dia.	Overall Height	Approx. Compound Reqd. (Pints)	Catalog Number
1-1/4”	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	57.15 (2.25)	79.50 (3.13)	1/8	**CRC-125**
1-1/2”	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	82.55 (3.25)	1/8	**CRC-150**
2”	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	95.25 (3.75)	1/4	**CRC-200**
2-1/2”	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	88.90 (3.50)	107.95 (4.25)	1/2	**CRC-250**
3”	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	107.95 (4.25)	120.65 (4.75)	3/4	**CRC-300**
3-1/2”	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	120.65 (4.75)	130.30 (5.13)	1	**CRC-350**
4”	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	136.65 (5.38)	149.35 (5.88)	1-1/2	**CRC-400**
5”	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	165.10 (6.50)	165.10 (6.50)	2-3/4	**CRC-500**
6”	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.80 (7.63)	174.75 (6.88)	4	**CRC-600**

① *Contact your local representative for price and availability on above options.*

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Cable Terminators

For Ends of Threaded Rigid Conduit

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1⁄4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

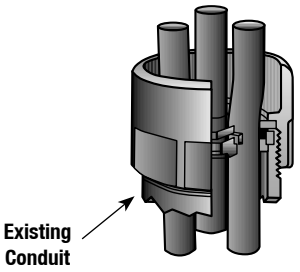
- 1" and 1-1⁄4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1⁄4" are available with ot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type FR

TO ORDER SPECIFY:
1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches) 1 ① Wire	2 Wires	3 Wires	4 Wires	Dimensions in Millimeters (Inches) Maximum Diameter	Overall Height	Approx. Compound Reqd.Pints	Catalog Number
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	41.40 (1.63)	1/20	**FR-100**
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	54.1 (2.13)	44.45 (1.75)	1/20	**FR-125**
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	47.75 (1.88)	1/8	**FR-150**
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	50.80 (2.00)	1/6	**FR-200**
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	63.50 (2.50)	1/3	**FR-250**
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	104.90 (4.13)	66.80 (2.63)	1/2	**FR-300**
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	117.60 (4.63)	66.80 (2.63)	1/2	**FR-350**
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	66.80 (2.63)	2/3	**FR-400**
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	171.45 (6.75)	79.50 (3.13)	1	**FR-500**

① *Contact your local representative for price.*

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Cable Terminators

For Threaded Rigid Conduits Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1⁄4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

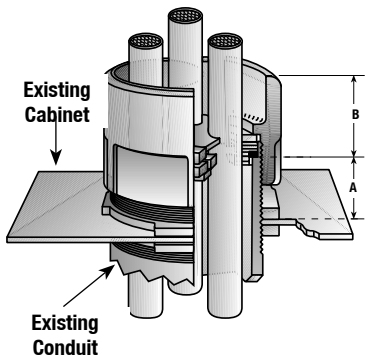
- 1" and 1-1⁄4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1⁄4" are available with ot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HRK

TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches) 1 ① Wire	2 Wires	3 Wires	4 Wires	Dimensions in Millimeters (Inches) Maximum Diameter	"A" Min.	"B"	Approx. Compound Reqd.Pints	Catalog Number
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.4 (1.00)	28.7 (1.13)	1/20	**HRK-100**
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.4 (1.00)	31.75 (1.25)	1/20	**HRK-125**
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.4 (1.00)	31.75 (1.25)	1/8	**HRK-150**
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.7 (1.13)	38.1 (1.50)	1/6	**HRK-200**
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	44.45 (1.75)	1/3	**HRK-250**
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	38.1 (1.50)	47.75 (1.88)	1/2	**HRK-300**
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	127 (5.00)	38.1 (1.50)	47.75 (1.88)	1/2	**HRK-350**
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.7 (5.50)	38.1 (1.50)	47.75 (1.88)	2/3	**HRK-400**
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.4 (1.63)	60.45 (2.38)	1	**HRK-500**

① *Contact your local representative for price.*

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Cable Terminators

For Exposed Cables Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Supplied with a locknut and neoprene sealign ring for cabinets up to 1/4" thick.
- Sealing Compound is not included and must be ordered separately.
- Lay-In-Lug Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1⁄4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

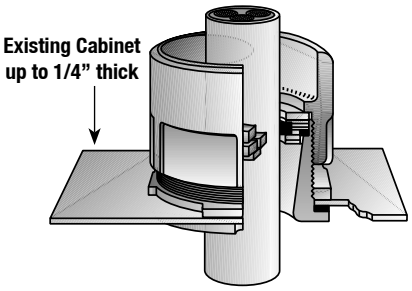
- 1" and 1-1⁄4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1⁄4" are available with ot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HRE

TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)				
1 ① Wire	2 Wires	3 Wires	4 Wires	Knockout Size	Maximum Diameter	Overall Height	Approx. Compound Reqd.Pints	Catalog Number
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	54.10 (2.13)	1/20	**HRE-100**
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	**HRE-125**
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	**HRE-150**
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	66.80 (2.63)	1/6	**HRE-200**
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	**HRE-250**
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	85.85 (3.38)	1/2	**HRE-300**
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	**HRE-350**
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.5)	85.85 (3.38)	2/3	**HRE-400**
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	101.60 (4.00)	1	**HRE-500**

① *Contact your local representative for price.*

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Cable Terminators

For Exposed Cables Entering Cabinets - with pOZi-grip™ Wedging Plug

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1⁄4" thick.
- Lay-In-Lug Grounding Lug can be mounted on Compound Chamber.

Standard Materials

- 1" and 1-1⁄4" body - steel
- Larger bodies - malleable or ductile iron

Locknut - steel or malleable iron

Standard Finishes

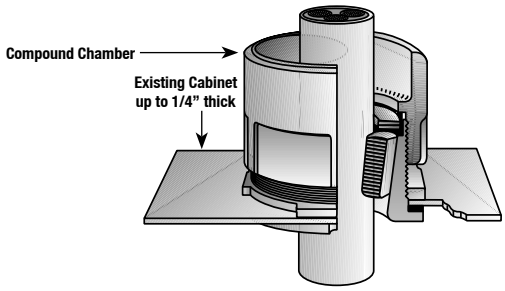
- 1" and 1-1⁄4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Locknut - zinc electroplated
- Wedging plug - canvas bakelite

Options

- Steel Bodies 1" and 1-1⁄4" are available with ot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HPE with Canvas Bakelite Wedging Plug

TO ORDER SPECIFY:
1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Cable support plugs will not be supplied undrilled.

Dimensions in Millimeters (Inches)					
Max. Cable Dia.	Knockout Size	Max. Dia.	Height Inside Box	Approx. Compound Reqd.Pints	Catalog Number
17.27 (0.68)	1"	44.45 (1.75)	54.10 (2.13)	1/20	**HPE-100**
23.62 (0.93)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	**HPE-125**
30.48 (1.20)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	**HPE-150**
38.86 (1.53)	2"	79.50 (3.13)	66.80 (2.63)	1/6	**HPE-200**
46.48 (1.83)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	**HPE-250**
57.91 (2.28)	3"	111.25 (4.38)	85.85 (3.38)	1/2	**HPE-300**
67.31 (2.65)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	**HPE-350**
76.20 (3.00)	4"	139.70 (5.50)	85.85 (3.38)	2/3	**HPE-400**
95.25 (3.75)	5"	174.75 (6.88)	101.60 (4.00)	1	**HPE-500**

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Cable Terminators

For Ends of Threaded Rigid Conduits

CEC:
Listed for Ordinary Locations

Applications

- Provides a seal at the top of a vertical conduit for one or more single or multiple conductor cables. Excludes water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Lay-In-Lug Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.

Standard Materials

- Locking collar - malleable or ductile iron
- Locknut - steel or malleable iron

Standard Finishes

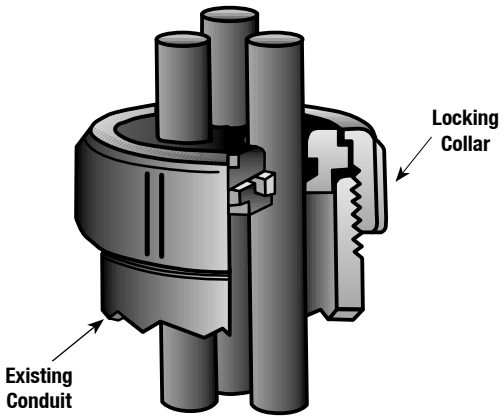
- Locking collar - hot dip galvanized
- Locknut - zinc electroplated
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type KR

TO ORDER SPECIFY:
1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches) 1 ② Wire	2 Wires	3 Wires	4 Wires	Dimensions in Millimeters (Inches) Max. Dia.	Overall Height	Catalog Number
1”	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	41.40 (1.63)	25.40 (1.00)	**KR-100**
1-1/4”	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	47.75 (1.88)	28.70 (1.13)	**KR-125**
1-1/2”	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	28.70 (1.13)	**KR-150**
2”	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	71.37 (2.81)	28.70 (1.13)	**KR-200**
2-1/2”	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	85.85 (3.38)	35.05 (1.38)	**KR-250**
3”	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	101.60 (4.00)	38.10 (1.50)	**KR-300**
3-1/2”	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	114.30 (4.50)	38.10 (1.50)	**KR-350**
4”	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	41.4 (1.63)	**KR-400**
5”	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	158.75 (6.25)	44.45 (1.75)	**KR-500**
6”	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	187.45 (7.38)	44.45 (1.75)	**KR-600**

① *Contact your local representative for price.*

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Cable Terminators

For Exposed Cables Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1⁄4" thick.
- Lay-In-Lug Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

Standard Materials

- Locking collar and body - malleable or ductile iron

Standard Finishes

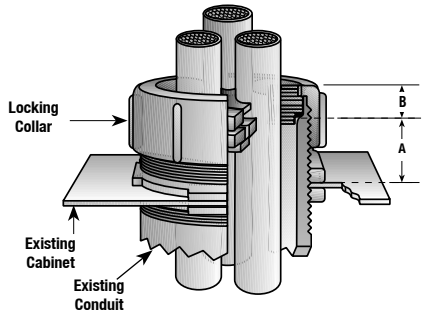
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18



Type GRK

TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches) 1 ① Wire	2 Wires	3 Wires	4 Wires	Dimensions in Millimeters (Inches) Maximum Dia.	"A"	"B"	Catalog Number
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	**GRK-100**
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.40 (1.00)	12.70 (0.50)	**GRK-125**
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.40 (1.00)	12.70 (0.50)	**GRK-150**
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.70 (1.13)	12.70 (0.50)	**GRK-200**
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	16.00 (0.63)	**GRK-250**
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	35.05 (1.38)	16.00 (0.63)	**GRK-300**
3-1/2"	67.31 (2.65)	35.56 (1.4)	34.04 (1.34)	28.45 (1.12)	127.00 (5.00)	38.10 (1.50)	19.05 (0.75)	**GRK-350**
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.70 (5.50)	38.10 (1.50)	19.05 (0.75)	**GRK-400**
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.40 (1.63)	25.40 (1.00)	**GRK-500**
6"	114.30 (4.5)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.8 (7.63)	44.45 (1.75)	25.40 (1.00)	**GRK-600**

① *Contact your local representative for price.*

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Cable Terminators

For Exposed Cables Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1/4" thick.
- Lay-In-Lug Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

Standard Materials

- Locking collar and body - malleable or ductile iron

Standard Finishes

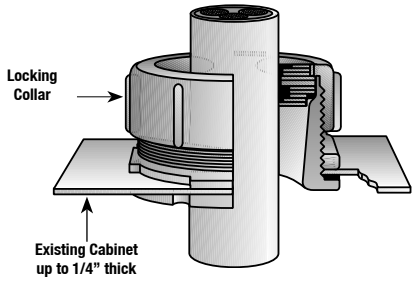
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type GRE

TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)			
1 ① Wire	2 Wires	3 Wires	4 Wires	Knockout Size	Max. Dia.	Overall Height	Catalog Number
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	38.10 (1.50)	**GRE-100**
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	41.40 (1.63)	**GRE-125**
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	41.40 (1.63)	**GRE-150**
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	41.40 (1.63)	**GRE-200**
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	50.80 (2.00)	**GRE-250**
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	54.10 (2.13)	**GRE-300**
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	57.15 (2.25)	**GRE-350**
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.50)	60.45 (2.38)	**GRE-400**
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	66.80 (2.63)	**GRE-500**
114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	6"	193.80 (7.63)	76.20 (3.00)	**GRE-600** ②

① *Contact your local representative for price.*
② *Not CSA Supported.*

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Cable Terminators

For Exposed Cables Entering Cabinets - with pOZi-grip™ Wedging Plug

CEC:
Listed for Ordinary Locations

Applications

- Provides cable support for one or more single or multiple conductor cables entering a cabinet or enclosure.

Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1⁄4" thick.
- Lay-In-Lug Grounding Lug can be mounted on Locking Collar.
- Cable Support Plugs cannot be field-drilled.

Standard Materials

- Locking collar and body - malleable or ductile iron

Standard Finishes

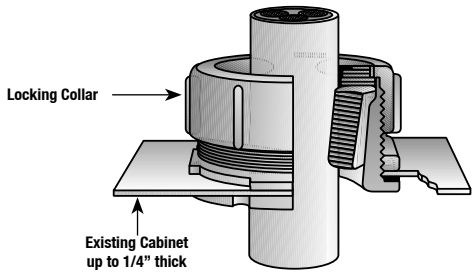
- Locking collar and body - hot dip galvanized
- Pressure disc and wedging plug - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18



Type GPE with Canvas Bakelite Wedging Plug

TO ORDER SPECIFY:
1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Cable support plugs will not be supplied undrilled.

Dimemsions in Millimeters (Inches)				
Max. Cable Dia.	Knockout Size	Max. Dia.	Height Inside Box	Catalog Number
17.27 (0.68)	1"	44.45 (1.75)	38.10 (1.50)	**GPE-100**
23.62 (0.93)	1-1/4"	60.45 (2.38)	41.40 (1.63)	**GPE-125**
30.48 (1.20)	1-1/2"	66.8 (2.63)	41.40 (1.63)	**GPE-150**
38.86 (1.53)	2"	79.5 (3.13)	41.40 (1.63)	**GPE-200**
46.48 (1.83)	2-1/2"	92.20 (3.63)	50.80 (2.00)	**GPE-250**
57.91 (2.28)	3"	111.25 (4.38)	54.10 (2.13)	**GPE-300**
67.31 (2.65)	3-1/2"	127.00 (5.00)	57.15 (2.25)	**GPE-350**
76.20 (3.00)	4"	139.70 (5.50)	60.45 (2.38)	**GPE-400**
95.25 (3.75)	5"	174.75 (6.88)	66.80 (2.63)	**GPE-500**
114.30 (4.50)	6"	193.80 (7.63)	76.20 (3.00)	**GPE-600** ①

① *Not CSA Supported.*

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

The O-Z/Gedney™ Thruwall and Floor Seals provide a positive means of sealing pipe, conduit or tube where they pass through a concrete foundation of a structure below grade or below ground water level or at entry points through a concrete wall or floor which must be sealed. The usual methods of making installations, such as using straight sleeves or pitch pockets, are generally not satisfactory for their effectiveness depends upon the skill and care of the installer. If the installation is not effective, leakage will occur. Considerable time and effort may be required to remake the seal. The O-Z/Gedney™ Thruwall and Floor Seals assure watertight installations by providing the following features:

I. Prevention of Seepage

- Seepage is eliminated between (A) and (B) by the blockage points (C) created by the shrinkage of the concrete on the body fins.

II. Pressure Tight Seal

a) When the extra thick Neoprene Grommet (4) is compressed, it provides a watertight seal between the Body (5) and the entering pipe, conduit or tube withstanding pressures in excess of a 50 ft. head of water without leakage.
b) The Neoprene Grommet compensates for a plus or minus variation in the outside diameter of the entering pipe, conduit or tube.
c) The Neoprene Grommet will provide a proper seal even if the entering pipe, conduit or tube is forced off the center line of the fitting or is tilted because of the pressure exerted on the pipe by the back fill.

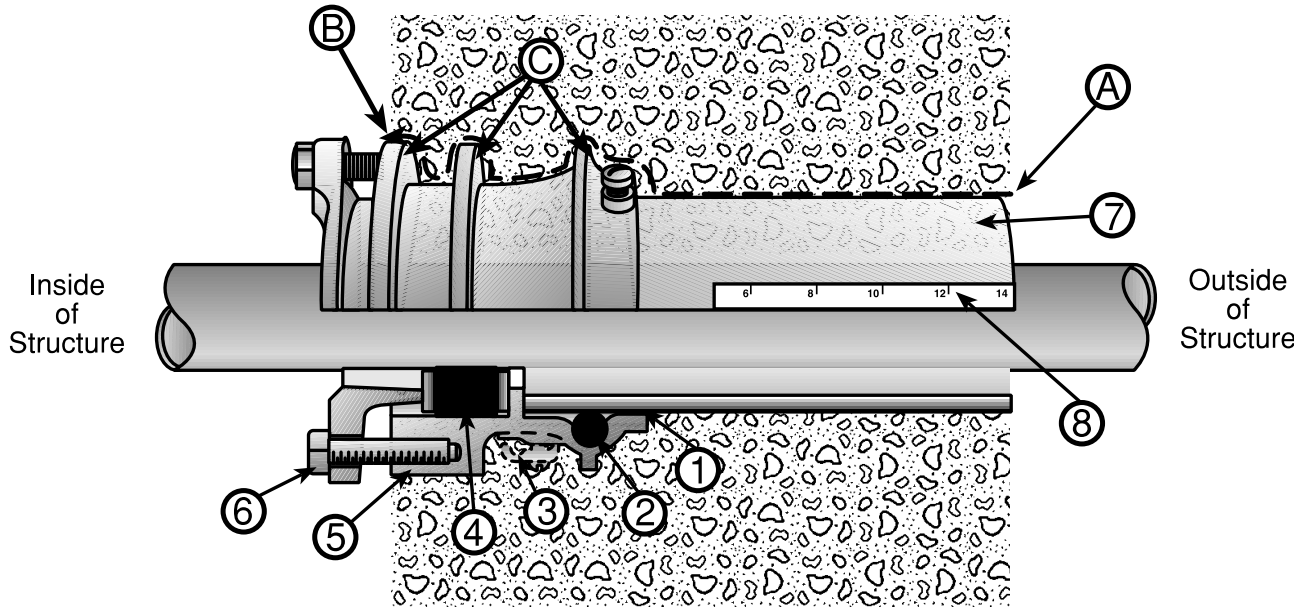
III. Pressure Tight and Concrete-Tight Housing

- To further insure a pressure tight and concrete-tight housing a neoprene ring (2) is provided to effect a seal between the Body (5) and the Oversize Sleeve (7).

IV. Easy to Install

a) Nail holes are provided for attaching the fitting to the concrete forms, or the fitting can be installed by the use of positioning rods which pass through the forms and the inside of the fitting.
b) To accommodate walls or floors of varying thicknesses the Oversize Sleeve (7) can be field-cut by using Marker Strip (8).
c) Small hand wrenches are used to tighten the exposed hex head bolts 6 to compress the sealing assembly. No special wrenches are required. Hand wrenches allow tightening when space is limited. They also facilitate retightening if they were insufficiently tightened initially.
d) An easy means of attaching a ground wire (3) is available, if required see special options.

Features:



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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Order of Assembly

Fig. 1

A If wall or floor thickness is less than 14", cut length of oversize sleeve to suit. Use marker strip provided.

B Secure assembly of body and oversize sleeve to concrete forms by using the nail holes provided, or by using positioning rods which pass thru the forms and the inside of the fitting.

C If fitting is to be grounded, attach grounding wire using ground pad assembly which is furnished only when specified.

Note: The sealing assembly parts, which are used later in Step F, are contained in a separate package and should be stored until they are needed.

Fig. 2

D After concrete has been poured and the forms have been taken down, remove the protective cover from the fitting. (This cover is installed temporarily to keep concrete out of tapped holes and out of fitting.)

E Pass cable, conduit or tube thru the fitting.

F Slip one of the pressure rings, the neoprene sealing grommet, the other pressure ring and the pressure clamp over the end of entering cable, conduit or tube as shown and insert these parts into the end of the body.

G Insert hex head cap screws into screw holes, and tighten until neoprene sealing grommet is sufficiently squeezed between the two pressure rings to seal around the cable, conduit or tube and the inside of body.

H DO NOT OVER TIGHTEN. At a later date if it is found that the sealing Assembly was not tightened sufficiently, it may be retightened to stop leakage or seepage.

Supplementary Instructions for Installing Sealing Ring

- Sealing ring is coated with rubber lubricant at factory to ease the passage of the oversize sleeve. If the oversize sleeve should be difficult to insert, apply additional rubber lubricant to the sealing ring and/or chamfer the end of the sleeve.

Note: Installation instructions are included with each fitting.

Typical Installation Instructions

FIG. 1
PLACING SEALING FITTING IN FORM

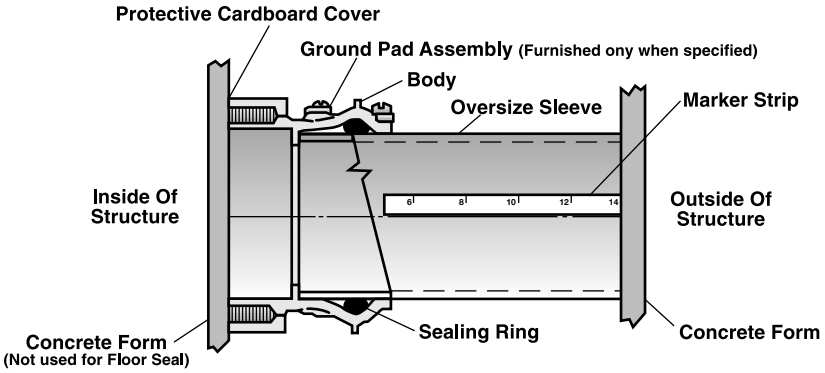
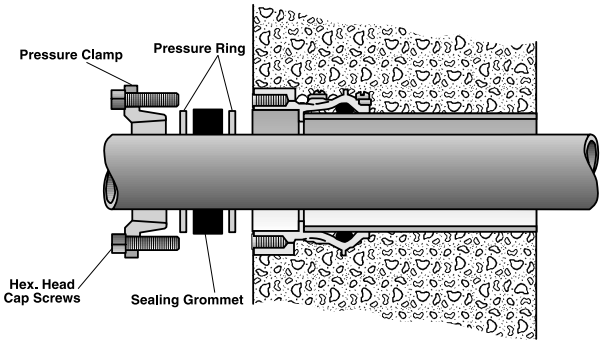


FIG. 2
INSTALLING CABLE CONDUIT OR PIPE AND SEALING ASSEMBLY



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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

General Information

Design

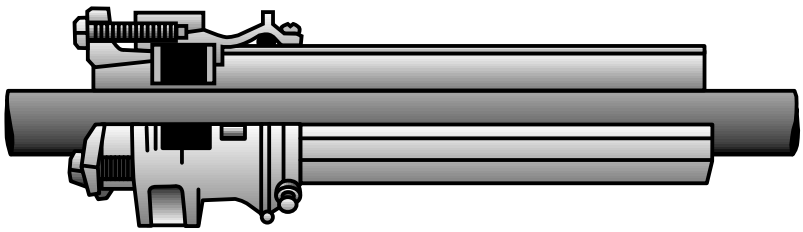
The Thruwall and Floor Seal performs two functions:

1) TO PROVIDE A WATERTIGHT BLOCKAGE BETWEEN POURED CONCRETE AND THE FITTING BODY. Watertight blockage is accomplished by special designed fins cast on the outside of the Body, which permit the concrete, when it cures, to shrink around these fins, preventing water from creeping along the outside of the body.

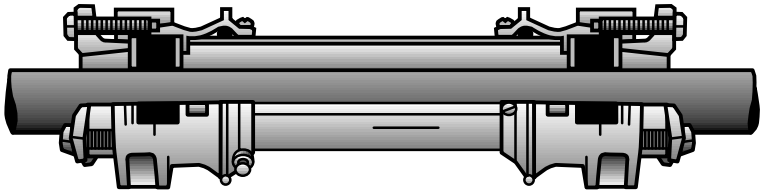
2) TO PROVIDE A PRESSURE SEAL BETWEEN THE FITTING BODY AND THE OUTSIDE DIAMETER OF ANY ROUND CASING PENETRATING A WALL, FLOOR OR CEILING. Pressure sealing is based on an engineering principle that solid rubber-like materials are incompressible. If properly selected material is confined and is compressed, the material will flow to fill all voids, providing a very effective, long lasting seal. The sealing grommet is a shock absorber between the fitting and the casing. It allows axial movement of the casing, removing stresses from the casing. The PVC coated steel rings provide cathodic protection as it insulates the sealing fitting from the casing.

Applications

- Type FSK and WSK Thruwall Sealing Fittings are used where a single casing penetrates the fitting. The FSC and WSC Thruwall Sealing fittings are used where multiple casings penetrate through one fitting.
- The Type FSK and Type FSC fittings are used for most sealing applications. They consist of a body and sealing assembly located on the inside of the structure, and an oversize sleeve which extends from the fitting to the outside of the structure wall. After the foundation is poured, the concrete forms are removed and the round casing is inserted into the body, providing a pressure-tight seal between the round casing and the body of the fitting. The sealing assembly is always available on the inside of the structure for retightening, in the event that sufficient tightening was not utilized during the initial installation.
- The WSK and the WSC fittings are the same as the Type FSK and FSC fittings except that they have a body and sealing assembly on both sides of the oversize sleeve. This provides a pressure seal on both sides of the wall. The Type WSK and WSC fittings can be used on applications where a seal is required on each side of the wall. The body and sealing assembly on the outside of the wall can also be used as a throttle to limit the pressure on the sealing assembly on the inside of the structure. This practice is used where applications require future provisions for replacing the inside sealing assembly when there is a high pressure on the outside wall.
- Another purpose for the Type WSK and WSC fitting is to keep the round casing in the center of the fitting and not have it deflect in the oversize sleeve in the event of earth movement in the back fill.
- Sealing grommets have an expected life in excess of 20 years.



Type FSK



Type WSK

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

General Information

Material Specifications

1) BODIES AND PRESSURE CLAMPS are high strength malleable or ductile iron coated with a high organic zinc sacrificial conductive epoxy coating.

Exception: Bodies of FSK 60 are cast iron, malleable iron and cast iron are both inherently corrosion resistant.

2) PRESSURE RINGS are closely sized to fitting inside diameter and outside diameter of casing. They are thick steel plates that have a heavy durable PVC coating, utilizing the very effective fluid bed process. PVC coating provides an insulation between the sealing assembly, and the casing to provide cathodic protection by eliminating stray electrical currents from flowing between the fitting and the casting.

Exception: Multi-hole Type FSC and WSC sealing assemblies are furnished with low water-absorbing high-impact thick phenolic plates in electrical applications to eliminate eddy current effect when single conductor AC currents pass through magnetic metal.

3) BOLTS are - Hex head cap bolts zinc electroplated.

4) NEOPRENE SEALING GROMMETS are molded or drilled to accommodate casing outside diameters. The neoprene is specifically compounded for the following very desirable operating characteristics:

- Low compression modulus (the ability of the neoprene sealing ring to flow with low-tightening force).
- Very low compression set (maintain seal over extended period without having to retighten.
- Anti-ozidant (resistant to ozone attack).
- Anti-oxidant (resistance to weathering).
- Low crystallization (suitable for use at low temperatures).
- Fire retardant (will not support combustion).

5) OVERSIZE SLEEVES have a marker strip to facilitate field-cutting of sleeves to accommodate walls or floors of varying thicknesses and are furnished in the following material:

- On FSK/WSK-10 through FSK/WSK-40 and FSCS/WSCS-20 through FSCS/WSCS-50 - High strength, high-impact, durable Schedule 40 PVC pipe.
- On FSK/WSK-60 and FSCS/WSCS-70 - Steel pipe coated with a high organic zinc conductive Epoxy coating.
- FSK/FSCS standard length sleeves will accommodate a wall or floor up to 14 inches thick.
- WSK/WSCS standard length sleeves will accommodate a wall or floor up to 16 inches thick.

Special Options Available at Price Addition

1) Bodies and pressure clamps can be furnished hot dip galvanized, add suffix -HDG.

2) Oversize PVC or steel sleeves longer than standard sleeve length are also available, please note:

- For FSK/WSK-10 to FSK/WSK-40, and FSCS/WSCS-20 to FSCS/WSCS-50, add suffix –MS for PVC or -SMS for steel and specify actual wall/floor thickness in inches (not desired sleeve length).
- For FSK/WSK-60 and FSCS/WSCS-70, add suffix -SMS and specify actual wall/floor thickness in inches (not desired sleeve length). PVC sleeves are not available in this size.
- Example: for an FSK20-250 with a PVC sleeve for a 20-inch thick wall, the catalog number is FSK-20-250-MS20.

3) Grounding pad for connecting grounding wire, add suffix -G.

Alternate Construction: (Suffix -SEG)

- Segmental pressure discs and slit neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already pulled/terminated. Example: FSCS-45-SEG.

WARNING Blank fittings are intended for use as abandonment plugs and for sealingopenings reserved for future use. DO NOT FIELD DRILL. O-Z/Gedney™ will not be responsible for any device that has been modified in the field.

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Order of Assembly

1. Bodies and oversize sleeve as a unit is mounted in concrete forms.
2. Pour concrete.
3. Remove forms, pass conduit thru fitting and install sealing assembly parts.

Applications

- Where conduit, pipe or tubing enters a building through the concrete foundation below grade or ground water level, or where it is necessary to seal around a conduit, pipe or tubing where it passes through a concrete floor or wall.
- These fittings are designed so that each body size will accept several different size sealing assemblies which are made to fit the standard sizes of conduit, steel or cast iron pipe, or copper tubing.
- If desired, this design permits the purchase of the fitting less the sealing assembly for mounting in the concrete forms before the concrete is poured.
- At a later date the sealing assembly can be ordered and the installation completed.

Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.
- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- The standard fittings up to the “FSK-40-450” are furnished with a PVC oversize sleeve and the “FSK-60-480” thru “FSK-60-663” sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to “FSK-40-450”. Consult with local representative prior to ordering.)
- All the standard sleeves will accommodate a wall or floor up to 14” thick and a marker strip, divided in inches, is provides on the sleeve to facilitate field cutting for wall less than 14”.
- Oversize sleeves longer than standard length available at an additional charge.

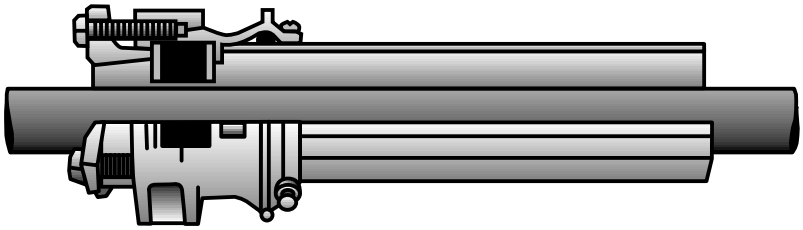
Standard Materials

- Castings - malleable or ductile iron
- FSK 60 Series bodies - cast iron
- Grommet - neoprene
- Pressure rings - steel

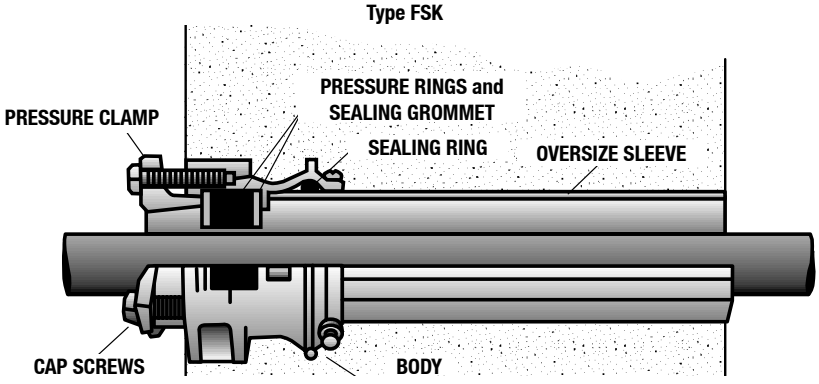
Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available
- Pressure rings - PVC coated

WARNING: Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type FSK



Type FSK Installation

TO ORDER SPECIFY:
1. Catalog Number
2. Size and O.D. of conduit, pipe or tubing
3. Wall thickness if greater than 14”, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on FSK-60.
4. Other special options if required, see options page

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EMERSON

Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Dimensions in Millimeters (Inches)							Catalog Number		
Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing					
Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.	Minimum Wall Thickness	Fitting Complete with Sealing Assembly ①	Fitting Only ②	Sealing Assembly ④ Only ③
				9.65 (0.38)	12.70 (0.50)		**FSK-10-68**		**FSK-68-25**
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)				
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	95.25 (3.75)	**FSK-10-88**	**FSK-1020**	**FSK-88-25**
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)		**FSK-10-113**		**FSK-113-25**
25.4 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)		**FSK-10-138**		**FSK-138-25**
31.75 (1.25)	42.16 (1.66)			38.10 (1.5)	41.40 (1.63)		**FSK-20-166**		**FSK-166-35**
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)	106.43 (4.19)	**FSK-20-193**	**FSK-2030**	**FSK-193-35**
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)		**FSK-20-213**		**FSK-213-35**
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)		**FSK-20-250**		**FSK-250-35**
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.8 (2.63)		**FSK-30-263**		**FSK-263-45**
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)			111.25 (4.38)	**FSK-30-288**	**FSK-3040**	**FSK-288-45**
	76.20 (3.00)						**FSK-30-313**		**FSK-313-45**
76.20 (3.00)	88.90 (3.50)						**FSK-30-350**		**FSK-350-45**
		76.20 (3.00)	92.96 (3.66)				**FSK-40-366**		**FSK-366-55**
		76.20 (3.00)	96.52 (3.80)			117.60 (4.63)	**FSK-40-380**	**FSK-4050**	**FSK-380-55**
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)				**FSK-40-410**		**FSK-410-55**
101.60 (4.00)	114.30 (4.50)						**FSK-40-450**		**FSK-450-55**
		101.60 (4.00)	121.92 (4.80)				**FSK-60-480**		**FSK-480-80**
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)				**FSK-60-506**		**FSK-506-80**
	133.35 (5.25)						**FSK-60-530**		**FSK-530-80**
	139.70 (5.50)								
127.00 (5.00)	141.22 (5.56)					127.00 (5.00)	**FSK-60-563**	**FSK-6070**	**FSK-563-80**
	152.40 (6.00)						**FSK-60-610**		
	165.10 (6.50)								
152.40 (6.00)	168.40 (6.63)						**FSK-60-663**		**FSK-663-80**

For Thruwall Seals for LARGE SIZE MECHANICAL PIPES up to 14" O.D., please see Type FSK and WSK - For Large Size Mechanical Pipes.

① *Oversize sleeves can be ordered to accommodate wall thickness greater than 14". To order, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on FSK-60.*

② *"Fitting Only" consists of the following parts, malleable or ductile iron bodies, oversize sleeve and sealing rings. (Except FSK 60 Series.)*

③ *Furnished with a "Sealing Assembly" consisting of the following parts: pressure clamp, hex head cap screws, pressure rings and sealing grommet.*

④ *A set of pressure rings and sealing grommet only is available separately.*

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Order of Assembly

1. Bodies and oversize sleeve as a unit is mounted in concrete forms.
2. Pour concrete.
3. Remove forms, pass conduit thru fitting and install sealing assembly parts.

Applications

- Where conduit, pipe or tubing enters a building through the concrete foundation below grade or ground water level, or where it is necessary to seal around a conduit, pipe or tubing where it passes through a concrete floor or wall.
- These fittings are designed so that each body size will accept several different size sealing assemblies which are made to fit the standard sizes of conduit, steel or cast iron pipe, or copper tubing.
- If desired, this design permits the purchase of the fitting less the sealing assembly for mounting in the concrete forms before the concrete is poured.
- At a later date the sealing assembly can be ordered and the installation completed.

Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.
- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- The standard fittings up to the “WSK-40-450” are furnished with a PVC oversize sleeve and the “WSK-60-480” through “WSK-60-663” sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to WSK-40-450. Consult with local representative prior to ordering.)
- All the standard sleeves will accommodate a wall or floor up to 16” thick and a marker strip, divided in inches, is provided on the sleeve to facilitate field cutting for walls less than 16”.
- Longer sleeves for use in walls or floors of greater thickness are available.

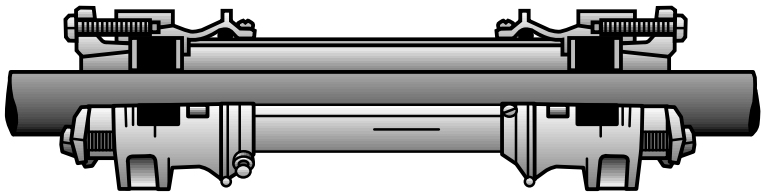
Standard Materials

- Castings - malleable or ductile iron
- WSK 60 Series bodies - cast iron
- Grommet - neoprene
- Pressure rings - steel

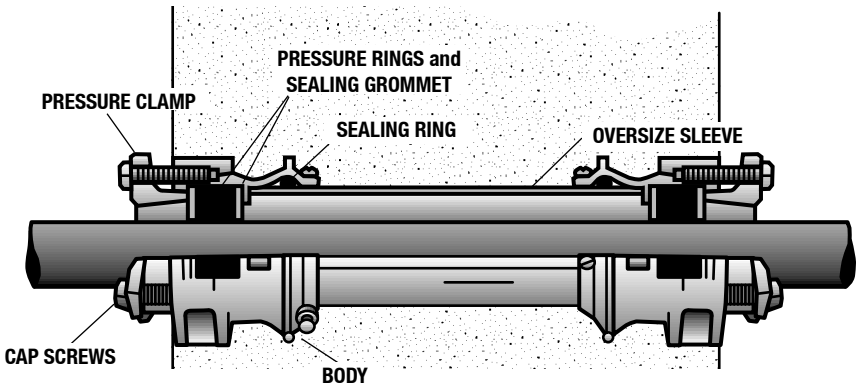
Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available
- Pressure rings - PVC coated

WARNING: Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type WSK



Type WSK Installation

TO ORDER SPECIFY:
1. Catalog Number
2. Size and O.D. of conduit, pipe or tubing
3. Wall thickness if greater than 16”, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on WSK-60.
4. Other special options if required, see options page

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Dimensions in Millimeters (Inches)							Catalog Number		
Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing					
Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.	Minimum Wall Thickness	Fitting Complete with Sealing Assembly ①	Fitting Only ②	Sealing Assembly④ Only ③
				9.65 (0.38)	12.70 (0.50)		**WSK-10-68**		**WSK-68-25**
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)				
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	190.50 (7.50)	**WSK-10-88**	**WSK-1020**	**WSK-88-25**
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)		**WSK-10-113**		**WSK-113-25**
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)		**WSK-10-138**		**WSK-138-25**
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.4 (1.63)		**WSK-20-166**		**WSK-166-35**
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)	212.85 (8.38)	**WSK-20-193**	**WSK-2030**	**WSK-193-35**
	50.8 (2.00)			50.8 (2.00)	54.10 (2.13)		**WSK-20-213**		**WSK-213-35**
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)		**WSK-20-250**		**WSK-250-35**
		50.8 (2.00)	66.8 (2.63)	63.50 (2.50)	66.80 (2.63)		**WSK-30-263**		**WSK-263-45**
63.5 (2.50)	73.15 (2.88)	50.8 (2.00)	69.85 (2.75)			222.25 (8.75)	**WSK-30-288**	**WSK-3040**	**WSK-288-45**
76.2 (3.00)							**WSK-30-313**		**WSK-313-45**
76.2 (3.00)	88.90 (3.50)						**WSK-30-350**		**WSK-350-45**
		76.20 (3.00)	92.96 (3.66)				**WSK-40-366**		**WSK-366-55**
		76.20 (3.00)	96.52 (3.80)			234.95 (9.25)	**WSK-40-380**	**WSK-4050**	**WSK-380-55**
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)				**WSK-40-410**		**WSK-410-55**
101.60 (4.00)	114.30 (4.50)						**WSK-40-450**		**WSK-450-55**
		101.60 (4.00)	121.92 (4.80)				**WSK-60-480**		**WSK-480-80**
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)				**WSK-60-506**		**WSK-506-80**
	133.35 (5.25)						**WSK-60-530**		**WSK-530-80**
	139.70 (5.50)								
127.00 (5.00)	141.22 (5.56)					254.00 (10.00)	**WSK-60-563**	**WSK-6070**	**WSK-563-80**
	152.40 (6.00)						**WSK-60-610**		
	165.10 (6.50)								
152.4 (6.00)	168.40 (6.63)						**WSK-60-663**		**WSK-663-80**

For Thruwall Seals for LARGE SIZE MECHANICAL PIPES up to 14" O.D., please see Type FSK and WSK - For Large Size Mechanical Pipes.

① *Oversize sleeves can be ordered to accommodate wall thickness greater than 16". To order, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on WSK-60.*

② *"Fitting Only" consists of the following parts, malleable or ductile iron bodies, oversize sleeve and sealing rings. (Except FSK 60 Series.)*

③ *Furnished with a "Sealing Assembly" consisting of the following parts: pressure clamp, hex head cap screws, pressure rings and sealing grommet.*

④ *A set of pressure rings and sealing grommet only is available separately.*

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Application

- Where direct burial cables located below grade or ground water level enter a building through the concrete foundation or for sealing around exposes cables passing through a concrete wall.
- If desired, this design permits the purchase of the fitting less sealing assembly, for mounting in the concrete forms before the concrete is poured.
- At a later date, the sealing assemblies to accommodate the specific size and number of wires can be ordered and the installation completed.

Features

- The installation of these fittings is simplified by the use of hex head screws on the sealing assembly.
- Ordinary wrenches are used for tightening, which is desirable especially where space is limited.
- Where it is desirable or convenient to have a sealing assembly on both sides of the wall Type “WSCS” should be specified.
- The standard fittings up to the “FSCS-5055” and “WSCS-5055” are furnished with PVC sleeve and the “FSCS-7080” and “WSCS-7080” sizes have a steel sleeve. (Steel sleeves can be furnished on the sizes up to “FSCS-5055” and “WSCS-5055” at an additional charge. Consult with local representative prior to ordering.)
- The standard sleeve will accommodate a wall or floor up to 14” thick on the Type “FSCS” fittings and up to 16” thick on the Type “WSCS” fittings and a marker strip, divided in inches is provided on the sleeve to facilitate field cutting for walls or floors less than 14” or 16” thick.
- Oversize sleeves longer than standard length available at an additional charge.

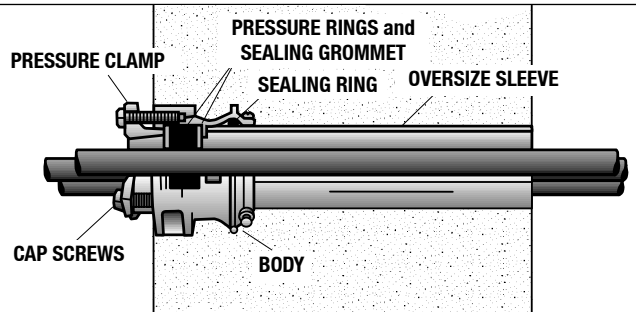
Standard Materials

- Castings - malleable or ductile iron
- FSCS 7080 Series bodies - cast iron
- Pressure rings - phenolic

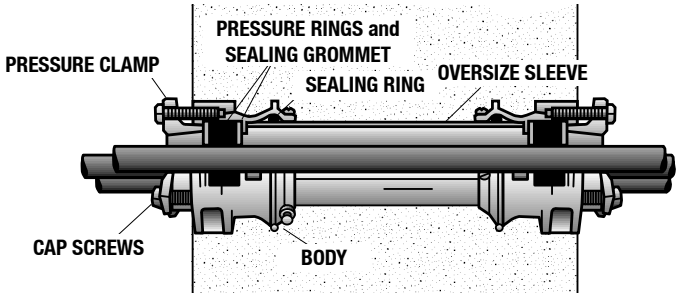
Standard Finishes

- Castings - alkyd enamel coating, hot dip galvanized available

WARNING: Blank Fittings are intended as abandonment plugs. DO NOT FIELD DRILL.



Type FSCS Installation



Type WSCS Installation

TO ORDER SPECIFY:
1. Catalog Number
2. Number of Cables
3. Diameter over Insulation of Individual conductors
4. Wall thickness if greater than 14” on Type FSCS or 16” on Type WSCS, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on FSCS/WSCS-70.
5. Other special options if required, see options page

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Thru Wall Floor Seals

For New Installation

NEC/CEC:
Rated for Ordinary Locations

Type FSCS

Max. Diameter ⑤ of Wire Permitted – Millimeters (Inches)							Catalog Number		
1 ④ Wires	2 Wires	3 Wires	4 Wires	Min. Wall Thick.	Max. Dia.	No. of Clamp Screws	Fitting Complete with Sealing Assembly ①	Fitting Only ②	Sealing Assembly Only ③
33.27 (1.31)	14.22 (0.56)	13.46 (0.53)	11.18 (0.44)	95.25 (3.75)	120.65 (4.75)	2	**FSCS-2025**	**FSCS-20**	**FSCS-25**
60.45 (2.38)	26.16 (1.03)	24.64 (0.97)	21.34 (0.84)	106.43 (4.19)	146.05 (5.75)	3	**FSCS-3035**	**FSCS-30**	**FSCS-35**
88.90 (3.50)	40.64 (1.60)	37.34 (1.47)	31.24 (1.23)	111.25 (4.38)	171.45 (6.75)	4	**FSCS-4045**	**FSCS-40**	**FSCS-45**
114.30 (4.50)	50.04 (1.97)	46.99 (1.85)	40.64 (1.60)	117.60 (4.63)	200.15 (7.88)	4	**FSCS-5055**	**FSCS-50**	**FSCS-55**
175.26 (6.90)	78.74 (3.10)	72.39 (2.85)	62.74 (2.47)	127.00 (5.00)	260.35 (10.25)	6	**FSCS-7080**	**FSCS-70**	**FSCS-80**

Type WSCS

Max. Diameter ⑤ of Wire Permitted – Inches							Catalog Number		
1 ④ Wires	2 Wires	3 Wires	4 Wires	Min. Wall Thick.	Max. Dia.	No. of Clamp Screws	Fitting Complete with Sealing Assembly ①	Fitting Only ②	Sealing Assembly Only ③
33.27 (1.31)	14.22 (0.56)	13.46 (0.53)	11.18 (0.44)	190.50 (7.50)	120.65 (4.75)	2	**WSCS-2025**	**WSCS-20**	**WSCS-25**
60.45 (2.38)	26.16 (1.03)	24.64 (0.97)	21.34 (0.84)	212.85 (8.38)	146.05 (5.75)	3	**WSCS-3035**	**WSCS-30**	**WSCS-35**
88.90 (3.50)	40.64 (1.60)	37.34 (1.47)	31.24 (1.23)	234.95 (9.25)	171.45 (6.75)	4	**WSCS-4045**	**WSCS-40**	**WSCS-45**
114.30 (4.50)	50.04 (1.97)	46.99 (1.85)	40.64 (1.6)	234.95 (9.25)	200.15 (7.88)	4	**WSCS-5055**	**WSCS-50**	**WSCS-55**
175.26 (6.90)	78.74 (3.10)	72.39 (2.85)	62.74 (2.47)	254.00 (10.00)	260.35 (10.25)	6	**WSCS-7080**	**WSCS-70**	**WSCS-80**

For sizes other than those shown above, consult factory.

① Oversize sleeves can be ordered to accommodate wall thickness greater than 14" (Type FSCS) and 16" (Type WSCS). To order, add suffix -MS for PVC and -SMS for steel material, and specify actual wall thickness (not desired sleeve length). PVC sleeve material not available on FSCS/WSCS-70.

② "Fitting Only" consists of the following parts, malleable or ductile iron body (2 on type "WSCS"). Sealing ring(s) and oversize sleeve.

③ Furnished with a "Sealing Assembly" consisting of the following parts: pressure clamp, hex head cap screws, pressure rings, and sealing grommet. Type "WSCS" is furnished with two sealing assemblies.

④ If a single alternating current conductor is used, a non-ferrous fitting must be specified. Refer to factory.

⑤ Fittings can be furnished for more than four wires or for wires of varying sizes.

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Thru Wall Floor Seals

Controlled Environment Vault Cable Seal

For Cable Penetrations of Underground Vaults

NEC/CEC:
Rated for Ordinary Locations

Applications

- To seal cable penetration of controlled environment vaults.
- For use as a future use fitting.

Features:

- Cast iron durability.
- Integral water barrier.
- Seals tightened with standard3/4" wrench.
- Easy, craft friendly installation.
- Hub with NPT thread.
- Withstands 50 ft. head of water pressure without leakage.
- Fitting seal always accessible for retightening.

Standard Materials

- Sealing grommet - low compression modulus neoprene
- Hex head bolts: zinc plated steel
- Pressure discs: steel

Standard Finishes

- Pressure discs - PVC coated

Options

- Pressure Discs - stainless steel PVC coated
- Bolts - galvanized or stainless steel
- Sealing grommet available for multiple cables of varying sizes

Cable Sealing Assembly Consists of

- Two pressure discs drilled to size
- One sealing grommet to fit cable O.D.

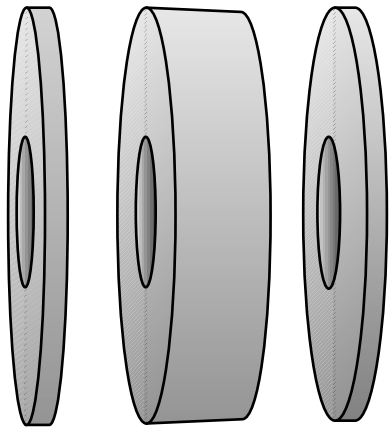
TO ORDER SPECIFY:
1. Catalog Number
2. Number of Cables
3. Maximum Diameter of Individual Cables
4. Optional Material, if required

Grommet Characteristics

- Neoprene sealing grommets are molded or drilled to accommodate cable outside diameters.
- The Neoprene is specifically compounded for the following very desirable operating characteristics:

- Low compression modulus (the ability of the neoprene to flow with low-tightening force)
- Very low compression set (maintain seal over extended period without having to retighten)
- Anti-oxidant (resistance to weathering and ozone attack)
- Low crystallization (suitable for use at low temperatures)
- Fire retardant (will not support combustion)
- An expected life in excess of 20 years

WARNING: Blank fittings are intended as abandonment and future use devices.
DO NOT FIELD DRILL.



Cable Sealing Assembly

Max. Diameter of Cable Permitted – Millimeters (Inches)					
1 Cable	2 Cables	3 Cables	4 Cables	Max. Dia.	Catalog Number
88.90 (3.50)	36.32 (1.43)	33.27 (1.31)	28.70 (1.13)	115.82 (4.56)	**FSCS-45-CEV**
114.30 (4.50)	49.02 (1.93)	44.45 (1.75)	38.10 (1.50)	139.70 (5.50)	**FSCS-55-CEV**

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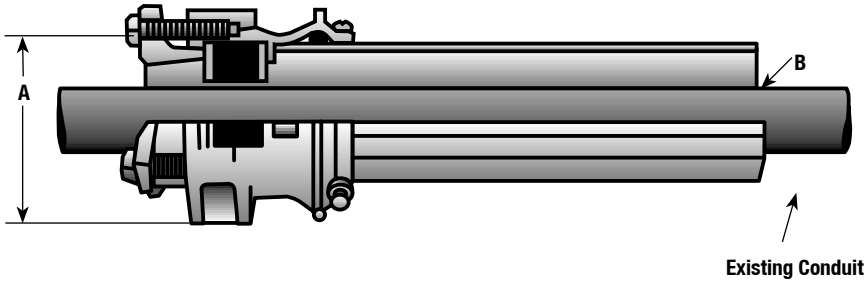
Thru Wall Floor Seals

For Sealing Around a Conduit Pipe or Tube Passing through a Wall or Floor

NEC/CEC:
Rated for Ordinary Locations

Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		Wall Thickness Range					Catalog Number		
Nom. I.D.	O.D.	Nom. I.D.	O.D.	Nom. I.D.	O.D.	Min.	Max.	A Max. Dia.	B Oversize Sleeve Size Nom. I.D.	No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only	Sealing Assembly Only
				9.65 (0.38)	12.70 (0.50)						FSK-10-68		FSK-68-25
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)								
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	95.25 (3.75)	355.60 (14.00)	120.65 (4.75)	50.80 (2.00)	2	FSK-10-88	FSK-1020	FSK-88-25
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)						FSK-10-113		FSK-113-25
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)						FSK-10-138		FSK-138-25
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.40 (1.63)	106.43 (4.19)	355.60 (14.00)	146.05 (5.75)	76.20 (3.00)	3	FSK-20-166		FSK-166-35
38.10 (1.50)	48.26 (1.9)			44.45 (1.75)	47.75 (1.88)						FSK-20-193	FSK-2030	FSK-193-35
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)						FSK-20-213		FSK-213-35
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)						FSK-20-250		FSK-250-35
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.80 (2.63)	111.25 (4.38)	355.60 (14.00)	171.45 (6.75)	101.60 (4.00)	4	FSK-30-263		FSK-263-45
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)								FSK-30-288	FSK-3040	FSK-288-45
	76.20 (3.00)										FSK-30-313		FSK-313-45
76.20 (3.00)	88.90 (3.50)										FSK-30-350		FSK-350-45
		76.20 (3.00)	92.96 (3.66)			117.60 (4.63)	355.60 (14.00)	200.15 (7.88)	127.00 (5.00)	4	FSK-40-366		FSK-366-55
		76.20 (3.00)	96.52 (3.80)								FSK-40-380	FSK-4030	FSK-380-55
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)								FSK-40-410		FSK-410-55
101.60 (4.00)	114.30 (4.50)										FSK-40-450		FSK-450-55
		101.60 (4.00)	121.92 (4.80)			127.00 (5.00)	355.60 (14.00)	260.35 (10.25)	177.80 (7.00)	6	FSK-60-480		FSK-480-80
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)								FSK-60-506		FSK-506-80
	133.35 (5.25)										FSK-60-530		FSK-530-80
	139.70 (5.50)											FSK-6070	
	141.22 (5.56)												
	152.40 (6.00)										FSK-60-610		FSK-610-80
	165.10 (6.50)												
	168.40 (6.63)												

Order of Assembly:
1. Body and oversize sleeve as a unit is mounted to concrete forms
2. Pour concrete
3. Remove Forms, pass conduit through fitting and install sealing assembly parts



Type FSK

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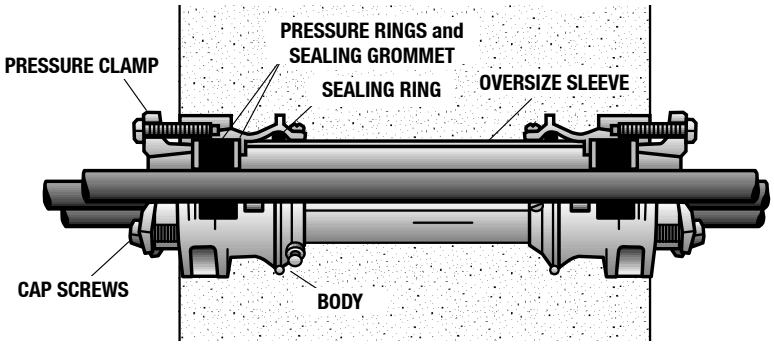
Thru Wall Floor Seals

For Sealing Around Conduit Passing through a Wall or Floor

NEC/CEC:
Rated for Ordinary Locations

Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		Wall Thickness Range					Catalog Number		
Nom. I.D.	O.D.	Nom. I.D.	O.D.	Nom. I.D.	O.D.	Min.	Max.	A Max. Dia.	B Oversize Sleeve Size Nom. I.D.	No. of Clamp Screws	Fitting Complete with Sealing Assembly	Fitting Only	Sealing Assembly Only
				9.65 (0.38)	12.70 (0.50)						WSK-10-68		WSK-68-25
9.65 (0.38)	17.27 (0.68)			12.70 (0.50)	16.00 (0.63)								
12.70 (0.50)	21.34 (0.84)			19.05 (0.75)	22.35 (0.88)	190.50 (7.50)	406.40 (16.00)	120.65 (4.75)	50.80 (2.00)	2	WSK-10-88	WSK-1020	WSK-88-25
19.05 (0.75)	26.67 (1.05)			25.40 (1.00)	28.70 (1.13)						WSK-10-113		WSK-113-25
25.40 (1.00)	33.53 (1.32)			31.75 (1.25)	35.05 (1.38)						WSK-10-138		WSK-138-25
31.75 (1.25)	42.16 (1.66)			38.10 (1.50)	41.40 (1.63)						WSK-20-166		WSK-166-35
38.10 (1.50)	48.26 (1.90)			44.45 (1.75)	47.75 (1.88)	212.85 (8.38)	406.40 (16.00)	146.05 (5.75)	76.20 (3.00)	3	WSK-20-193	WSK-2030	WSK-193-35
	50.80 (2.00)			50.80 (2.00)	54.10 (2.13)						WSK-20-213		WSK-213-35
50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)						WSK-20-250		WSK-250-35
		50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.80 (2.63)						WSK-30-263		WSK-263-45
63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)			222.25 (8.75)	406.40 (16.00)	171.45 (6.75)	101.60 (4.00)	4	WSK-30-288	WSK-3040	WSK-288-45
	76.20 (3.00)										WSK-30-313		WSK-313-45
76.20 (3.00)	88.90 (3.50)										WSK-30-350		WSK-350-45
		76.20 (3.00)	92.96 (3.66)								WSK-40-366		WSK-366-55
		76.20 (3.00)	96.52 (3.80)			234.95 (9.25)	406.40 (16.00)	200.15 (7.88)	127.00 (5.00)	4	WSK-40-380	WSK-4050	WSK-380-55
88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	100.58 (3.96)								WSK-40-410		WSK-410-55
101.60 (4.00)	114.30 (4.50)										WSK-40-450		WSK-450-55
		101.60 (4.00)	121.92 (4.80)								WSK-60-480		WSK-480-80
114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	127.00 (5.00)								WSK-60-506		WSK-506-80
	133.35 (5.25)										WSK-60-530		WSK-530-80
	139.70 (5.50)												
	141.22 (5.56)					254.00 (10.00)	406.40 (16.00)	260.35 (10.25)	177.80 (7.00)	6		WSK-6070	
	152.40 (6.00)										WSK-60-610		WSK-610-80
	165.10 (6.50)												
	168.40 (6.63)												

Order of Assembly:
1. Body and oversize sleeve as a unit is mounted to concrete forms
2. Pour concrete
3. Remove Forms, pass conduit through fitting and install sealing assembly parts



Type WSK

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NEER™ Zinc Bushed Conduit Nipples

NEC/CEC:
Listed for Ordinary Locations

Applications

- Use through knockout to connect box to conduit coupling.
- Use with a locknut to connect two boxes side by side or back to back.
- Use with a locknut to connect fixture housings to continuous runs.

Features

- Male hub threads — NPS.
- Available with insulated throat.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18
- CSA Certified: 065178
- NEMA: FB-1



CNI–100

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**Maximum Diameter**	**Body Length**	**Catalog Number**
1/2	23.9 (0.94)	15.0 (0.59)	**CNN-100**
3/4	30.2 (1.19)	18.3 (0.72)	**CNN-200**
1	35.1 (1.38)	21.6 (0.85)	**CNN-300**
1-1/4	44.2 (1.74)	22.1 (0.87)	**CNN-400**
1-1/2	53.8 (2.12)	22.9 (0.90)	**CNN-500**
2	64.8 (2.55)	29.2 (1.15)	**CNN-600**
2-1/2	81.5 (3.21)	36.3 (1.43)	**CNN-700**
3	96.5 (3.80)	36.3 (1.43)	**CNN-800**
3-1/2	108.5 (4.27)	36.3 (1.43)	**CNN-900**
4	121.7 (4.79)	36.3 (1.43)	**CNN-1000**

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**Maximum Diameter**	**Body Length**	**Catalog Number**
1/2	23.9 (0.94)	17.0 (0.67)	**CNI-100**
3/4	30.2 (1.19)	20.3 (0.80)	**CNI-200**
1	35.1 (1.38)	23.6 (0.93)	**CNI-300**
1-1/4	44.2 (1.74)	24.1 (0.95)	**CNI-400**
1-1/2	53.8 (2.12)	24.9 (0.98)	**CNI-500**
2	64.8 (2.55)	31.2 (1.23)	**CNI-600**

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NEER™ Zinc Offset Nipples and Three Piece Couplings

NEC/CEC:
Listed for Ordinary Locations

NEC:
Listed for Ordinary Locations

RN: 3/4" Offset

Applications

- To provide on offset connection between two outlet boxes or enclosures.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



RN–50

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Body Length	Maximum Diameter	Catalog Number
1/2	62.2 (2.45)	23.9 (0.94)	**RN-50**
3/4	66.0 (2.60)	29.2 (1.15)	**RN-75**
1	70.1 (2.76)	35.6 (1.40)	**RN-100**
1-1/4	73.7 (2.90)	46.7 (1.84)	**RN-125**
1-1/2	77.5 (3.05)	52.3 (2.06)	**RN-150**
2	82.0 (3.23)	67.6 (2.66)	**RN-200**

TPC: Three Piece

Applications

- Provides threaded coupling between lengths of rigid conduit and IMC conduit elbows, where neither can be rotated.

Material/Finish

- Malleable iron/zinc plated

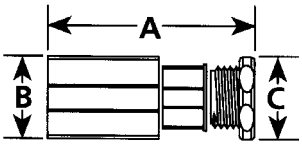
NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E163167
- NEMA: FB-1



TPC – 50

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	A	B	C	Catalog Number
1/2	34.5 (1.36)	33.0 (1.30)	30.5 (1.20)	**TPC-50**
3/4	41.4 (1.63)	39.9 (1.57)	33.0 (1.30)	**TPC-75**
1	43.2 (1.70)	54.1 (2.13)	47.8 (1.88)	**TPC-100**
1-1/4	53.8 (2.12)	62.0 (2.44)	54.4 (2.14)	**TPC-125**
1-1/2	50.8 (2.00)	73.4 (2.89)	66.3 (2.61)	**TPC-150**
2	60.5 (2.38)	86.6 (3.41)	79.5 (3.13)	**TPC-200**
2 - 1/2	64.5 (2.54)	102.4 (4.03)	99.3 (3.91)	**TPC-250**
3	65.0 (2.56)	16.8 (4.60)	110.7 (4.36)	**TPC-300**
3 - 1/2	64.5 (2.54)	17.1 (4.61)	111.0 (4.37)	**TPC-350**
4	100.1 (3.94)	42.5 (5.61)	129.5 (5.10)	**TPC-400**

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NEER™ Zinc Pulling Ells

Threaded for Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

HL: 90° Female/Female Pulling Ells

Applications

- Threaded 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of threaded rigid conduit or IMC.

Features

- Raintight (wet locations).
- The removable cover gives ample access so that wire pulling can be achieved without any obstructions.

Standard Material

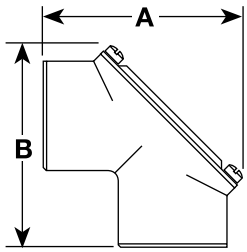
- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	53.3 (2.10)	53.3 (2.10)	**HL-500**
3/4	58.2 (2.29)	58.2 (2.29)	**HL-750**

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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:
Listed for Ordinary Locations
Suitable for use in Hazardous Locations

Applications

- Beam clamp: provides support for conduit hanging systems.
- Two-Hole Straps: used to support rigid metal conduit and IMC.
- Clamp Backs: provide spacing from mounting surface when used with pipe clamps.

Material/Finish

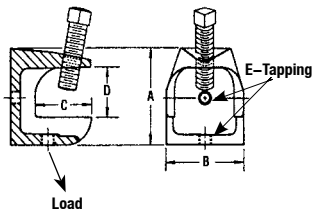
- Beam clamps: malleable iron/hot dip galvanized
- Straps: steel/zinc electroplate

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

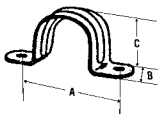
Dimensions in Millimeters (Inches) A	B	C	D	E	Weight per 100 kg (lbs)	Appleton™ Catalog Number	Max Load kg (lbs)
Beam Clamps — Malleable Iron — Hot Dipped Galvanized							
41.4 (1.63)	25.4 (1.00)	22.4 (0.88)	23.9 (0.94)	1/4 - 20	9.98 (22.0)	**BH-500** ①	152.00 (335.00)
41.4 (1.63)	25.4 (1.00)	22.4 (0.88)	23.9 (0.94)	10 - 24	9.75 (21.5)	**BH-500-10** ①	152.00 (335.00)
46.0 (1.81)	38.1 (1.50)	28.7 (1.13)	23.9 (0.94)	5/16 - 18	20.41 (45.00)	**BH-501** ①	238.00 (525.00)
52.3 (2.06)	50.8 (2.00)	35.1 (1.38)	25.4 (1.00)	3/8 - 16	37.65 (83.00)	**BH-502** ①	340.00 (750.00)
57.2 (2.25)	66.8 (2.63)	42.9 (1.69)	28.7 (1.13)	1/2 - 13	68.95 (152.00)	**BH-503** ①	408.00 (900.00)





Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Hole Diameter	Weight per 100 kg (lbs)	Appleton™ Catalog Number
2-Hole Straps — Steel/Zinc Electroplate						
1/4	31.8 (1.25)	16.0 (0.63)	16.0 (0.63)	4.8 (0.19)	0.73 (1.60)	**CF-250**
3/8	38.1 (1.50)	16.0 (0.63)	19.1 (0.75)	4.8 (0.19)	0.54 (1.20)	**CF-375**
1/2	40.4 (1.59)	16.0 (0.63)	23.1 (0.91)	4.8 (0.19)	0.64 (1.40)	**CF-500**
3/4	53.1 (2.09)	16.0 (0.63)	26.9 (1.06)	4.8 (0.19)	0.73 (1.60)	**CF-750**
1	62.0 (2.44)	19.1 (0.75)	35.1 (1.38)	4.8 (0.19)	1.59 (3.50)	**CF-100**
1-1/4	67.6 (2.66)	19.1 (0.75)	44.5 (1.75)	6.3 (0.25)	1.81 (4.00)	**CF-125**
1-1/2	91.2 (3.59)	25.4 (1.00)	50.8 (2.00)	6.3 (0.25)	4.08 (9.00)	**CF-150**
2	03.1 (4.06)	31.8 (1.25)	63.5 (2.50)	6.3 (0.25)	5.44 (12.00)	**CF-200**
2-1/2	11.3 (4.38)	25.4 (1.00)	71.4 (2.81)	6.9 (0.27)	2.59 (5.70)	**CF-250H**
3	27.0 (5.00)	25.4 (1.00)	85.9 (3.38)	6.9 (0.27)	3.63 (8.00)	**CF-300H**
3-1/2	58.8 (6.25)	25.4 (1.00)	98.6 (3.88)	8.4 (0.33)	3.95 (8.70)	**CF-350H**
4	77.8 (7.00)	31.8 (1.25)	111.3 (4.38)	7.1 (0.28)	4.26 (9.40)	**CF-400H**





*PVC coating available. Add suffix -**PVC** to catalog number.*

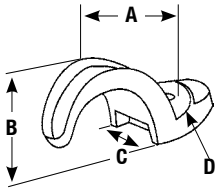
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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

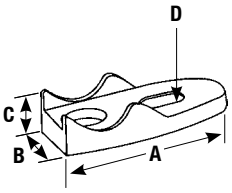
CEC:
Listed for Ordinary Locations
Suitable for use in Hazardous Locations

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Recommended Bolt Diameter D	Weight per 100 kg (lbs)	Catalog Number
One-Hole Clamps — Malleable Iron — Hot Dipped Galvanized						
1/2	25.4 (1.00)	19.1 (0.75)	16.0 (0.63)	6.4 (0.25)	2.72 (6.00)	**CL-50MN**
3/4	30.2 (1.19)	31.0 (1.22)	19.1 (0.75)	6.4 (0.25)	3.63 (8.00)	**CL-75MN**
1	35.1 (1.38)	38.1 (1.50)	22.4 (0.88)	6.4 (0.25)	6.35 (14.00)	**CL-100MN**
1-1/4	41.4 (1.63)	46.0 (1.81)	22.4 (0.88)	9.7 (0.38)	9.53 (21.00)	**CL-125MN**
1-1/2	46.0 (1.81)	54.1 (2.13)	23.9 (0.94)	9.7 (0.38)	12.25 (27.00)	**CL-150MN**
2	58.7 (2.31)	66.8 (2.63)	26.9 (1.06)	12.7 (0.50)	21.77 (48.00)	**CL-200MN**
2-1/2	65.0 (2.56)	76.2 (3.00)	33.3 (1.31)	12.7 (0.50)	32.21 (71.00)	**CL-250MN**
3	81.0 (3.19)	96.8 (3.81)	38.1 (1.50)	12.7 (0.50)	48.53 (107.00)	**CL-300MN**
4	95.3 (3.75)	127.0 (5.00)	49.3 (1.94)	16.0 (0.63)	120.66 (266.00)	**CL-400MN**
Clamp Backs — Malleable Iron — Hot Dipped Galvanized						
1/2	62.0 (2.44)	26.9 (1.06)	11.2 (0.44)	6.4 (0.25)	4.08 (9.00)	**CLB-50MN**
3/4	63.5 (2.50)	28.7 (1.13)	12.7 (0.50)	6.4 (0.25)	5.00 (11.00)	**CLB-75MN**
1	81.0 (3.19)	33.3 (1.31)	14.2 (0.56)	6.4 (0.25)	8.16 (18.00)	**CLB-100MN**
1-1/4	93.7 (3.69)	36.6 (1.44)	19.1 (0.75)	9.7 (0.38)	10.89 (24.00)	**CLB-125MN**
1-1/2	100.1 (3.94)	39.6 (1.56)	20.6 (0.81)	9.7 (0.38)	14.51 (32.00)	**CLB-150MN**
2	130.3 (5.13)	50.8 (2.00)	19.1 (0.75)	12.7 (0.50)	24.49 (54.00)	**CLB-200MN**
2-1/2	146.1 (5.75)	63.5 (2.50)	19.1 (0.75)	12.7 (0.50)	32.21 (71.00)	**CLB-250MN**
3	181.1 (7.13)	71.4 (2.81)	20.6 (0.81)	12.7 (0.50)	47.17 (104.00)	**CLB-300MN**









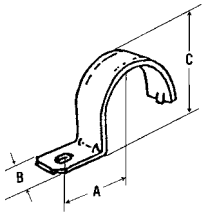
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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

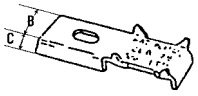
CEC:
Listed for Ordinary Locations
Suitable for use in Hazardous Locations

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Hole Diameter	Weight per 100 kg (lbs)	Catalog Number
Combination Clamp and Clamp Backs — Steel/Zinc Electroplate						
1/4	16.0 (0.63)	11.9 (0.47)	15.0 (0.59)	6.3 (0.25)	0.77 (1.70)	**CL-25**
3/8	20.6 (0.81)	16.0 (0.63)	17.5 (0.69)	7.1 (0.28)	1.18 (2.60)	**CL-38**
1/2	25.4 (1.00)	19.1 (0.75)	23.9 (0.94)	7.1 (0.28)	2.27 (5.00)	**CL-50**
3/4	29.5 (1.16)	19.1 (0.75)	28.7 (1.13)	7.1 (0.28)	2.68 (5.90)	**CL-75**
1	34.0 (1.34)	22.4 (0.88)	36.6 (1.44)	8.6 (0.34)	5.53 (12.20)	**CL-100**
1-1/4	42.9 (1.69)	25.4 (1.00)	45.2 (1.78)	10.4 (0.41)	8.62 (19.00)	**CL-125**
1-1/2	49.3 (1.94)	28.7 (1.13)	50.8 (2.00)	10.4 (0.41)	11.34 (25.00)	**CL-150**
2	59.4 (2.34)	30.2 (1.19)	64.3 (2.53)	11.9 (0.47)	17.24 (38.00)	**CL-200**
2-1/2	71.4 (2.81)	31.8 (1.25)	77.0 (3.03)	14.2 (0.56)	34.47 (76.00)	**CL-250**
3	84.1 (3.31)	31.8 (1.25)	93.0 (3.66)	14.2 (0.56)	42.18 (93.00)	**CL-300**
3-1/2	87.4 (3.44)	38.1 (1.50)	105.7 (4.16)	17.5 (0.69)	55.79 (123.00)	**CL-350**
4	96.0 (3.78)	38.1 (1.50)	118.4 (4.66)	17.5 (0.69)	63.50 (140.00)	**CL-400**
Clamp Backs — Steel — Can be used with EMT						
1/2	52.3 (2.06)	22.4 (0.88)	6.4 (0.25)	-	2.27 (5.00)	**CLB-50**
3/4	63.5 (2.50)	25.4 (1.00)	6.4 (0.25)	-	3.18 (7.00)	**CLB-75**
1	68.3 (2.69)	28.7 (1.13)	6.4 (0.25)	-	3.90 (8.60)	**CLB-100**









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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:
Listed for Ordinary Locations

Type 14-S

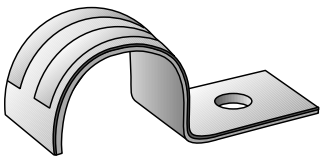
Application
- To support Rigid Conduit and IMC.

Features
- Snap type - double ribbed

Standard Materials
- Steel

Standard Finishes
- Zinc plated

CEC Certifications and Compliances
- Fed. Spec: FF-S-760



Type 14–S

CEC:
Listed for Ordinary Locations

Type THR

Application
- To support Rigid Conduit and IMC.

Features
- Snap type - double ribbed

Standard Materials
- Steel

Standard Finishes
- Zinc plated

CEC Certifications and Compliances
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 104691
- Fed. Spec: FF-S-760



Type THR

CEC:
Listed for Ordinary Locations

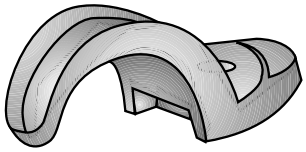
Type 14-G

Application
- To support Rigid Conduit and IMC.

Standard Materials
- Malleable iron

Standard Finishes
- Hot dipped galvanized

CEC Certifications and Compliances
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795
- Fed. Spec: FF-S-760



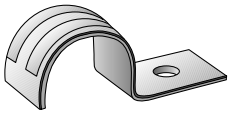
Type 14–G

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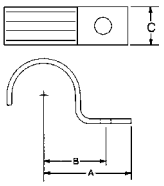
Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:
Listed for Ordinary Locations

Type 14-S



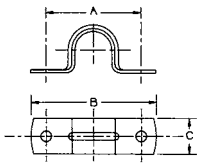
Trade Size (Inches)	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number
	Dimensions in Millimeters (Inches)				
1/2	54.1 (2.13)	17.5 (0.69)	19.1 (0.75)	0.25	**14-50S**
3/4	65.0 (2.56)	23.9 (0.94)	19.1 (0.75)	0.25	**14-75S**
1	69.9 (2.75)	23.9 (0.94)	19.1 (0.75)	0.25	**14-100S**
1-1/4	88.9 (3.5)	41.4 (1.63)	25.4 (1.00)	0.31	**14-125S**
1-1/2	98.6 (3.88)	46.0 (1.81)	28.7 (1.13)	0.38	**14-150S**
2	111.3 (4.38)	54.1 (2.13)	31.8 (1.25)	0.38	**14-200S**
2-1/2	157.2 (6.19)	66.8 (2.63)	31.8 (1.25)	0.50	**14-250S**
3	171.5 (6.75)	76.2 (3.00)	31.8 (1.25)	0.50	**14-300S**
3-1/2	193.8 (7.63)	90.4 (3.56)	38.1 (1.50)	0.63	**14-350S**
4	206.5 (8.13)	101.6 (4.00)	38.1 (1.50)	0.63	**14-400S**



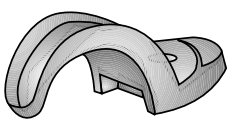
Type THR



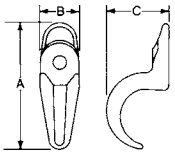
Trade Size (Inches)	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number
	Dimensions in Millimeters (Inches)				
1/2	44.5 (1.75)	57.2 (2.25)	16.0 (0.63)	4.8 (0.19)	**THR-50S**
3/4	46.7 (1.84)	58.7 (2.31)	19.1 (0.75)	4.8 (0.19)	**THR-75S**
1	58.7 (2.31)	74.7 (2.94)	18.3 (0.72)	6.4 (0.25)	**THR-100S**
1-1/4	74.7 (2.94)	92.2 (3.63)	18.3 (0.72)	6.4 (0.25)	**THR-125S**
1-1/2	80.3 (3.16)	100.1 (3.94)	18.3 (0.72)	6.4 (0.25)	**THR-150S**
2	108.0 (4.25)	127.0 (5.00)	18.3 (0.72)	6.4 (0.25)	**THR-200S**
2-1/2	119.1 (4.69)	145.3 (5.72)	25.4 (1.00)	7.9 (0.31)	**THR-250S**
3	144.5 (5.69)	171.5 (6.75)	25.4 (1.00)	7.9 (0.31)	**THR-300S**
3-1/2	160.3 (6.31)	185.7 (7.31)	25.4 (1.00)	7.9 (0.31)	**THR-350S**
4	173.7 (6.84)	198.4 (7.81)	25.4 (1.00)	7.9 (0.31)	**THR-400S**



Type 14-G



Conduit Size Inches	A	B	C	Minimum Recommended Bolt Dia.	Catalog Number
	Dimensions in Millimeters (Inches)				
1/4	40.4 (1.59)	15.0 (0.59)	16.0 (0.63)	6.4 (0.25)	**14-25G**
3/8	44.5 (1.75)	16.0 (0.63)	19.1 (0.75)	6.4 (0.25)	**14-38G**
1/2	57.2 (2.25)	16.8 (0.66)	23.9 (0.94)	6.4 (0.25)	**14-50G**
3/4	65.0 (2.56)	19.1 (0.75)	31.0 (1.22)	6.4 (0.25)	**14-75G**
1	77.7 (3.06)	20.6 (0.81)	38.1 (1.50)	6.4 (0.25)	**14-100G**
1-1/4	93.7 (3.69)	22.4 (0.88)	47.8 (1.88)	9.7 (0.38)	**14-125G**
1-1/2	98.3 (3.87)	25.4 (1.00)	54.1 (2.13)	9.7 (0.38)	**14-150G**
2	128.5 (5.06)	28.7 (1.13)	65.0 (2.56)	12.7 (0.50)	**14-200G**
2-1/2	150.9 (5.94)	35.1 (1.38)	77.7 (3.06)	12.7 (0.50)	**14-250G**
3	189.0 (7.44)	41.4 (1.63)	77.7 (3.06)	12.7 (0.50)	**14-300G**
4	220.7 (8.69)	50.8 (2.00)	127.0 (5.00)	16.0 (0.63)	**14-400G**



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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

CEC:
Listed for Ordinary Locations

Application

- Provides spacing from mounting surface when used with malleable iron pipe straps.

Standard Materials

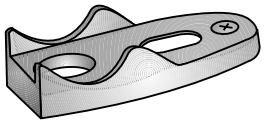
- Malleable iron

Standard Finishes

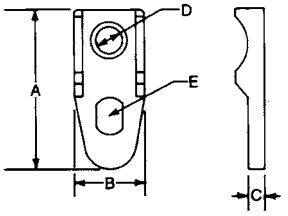
- Hot dip galvanized

NEC/CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 009795



Clamp Back



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	Catalog Number
1/2	36.58 (1.44)	17.53 (0.69)	6.35 (0.25)	9.65 (0.38)	9.65 (0.38) x 12.7 (0.50)	**141G**
3/4	63.50 (2.50)	28.70 (1.13)	6.35 (0.25)	9.65 (0.38)	14.22 (0.56) x 11.18 (0.44)	**142G**
1	81.03 (3.19)	23.88 (0.94)	7.87 (0.31)	9.65 (0.38)	14.22 (0.56) x 11.18 (0.44)	**143G**
1-1/4	93.73 (3.69)	36.58 (1.44)	7.87 (0.31)	12.70 (0.50)	14.22 (0.56) x 13.46 (0.53)	**144G**
1-1/2	100.08 (3.94)	38.10 (1.50)	7.87 (0.31)	14.22 (0.56)	15.00 (0.59) x 18.29 (0.72)	**145G**
2	130.3 (5.13)	50.80 (2.00)	9.65 (0.38)	14.22 (0.56)	16.00 (0.63) x 20.57 (0.81)	**146G**
2-1/2	146.05 (5.75)	63.50 (2.50)	9.65 (0.38)	0.76 (0.03)	16.00 (0.63) x 28.7 (1.13)	**147G**
3	181.10 (7.13)	71.37 (2.81)	9.65 (0.38)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	**148G**

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Beam Clamps, Straps, Clamps and Clamp Backs for Rigid Metal Conduit or IMC

NEC/CEC:
Listed for Ordinary Locations

Application

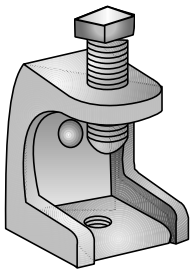
- Provide support for conduit hanging systems.

Standard Materials

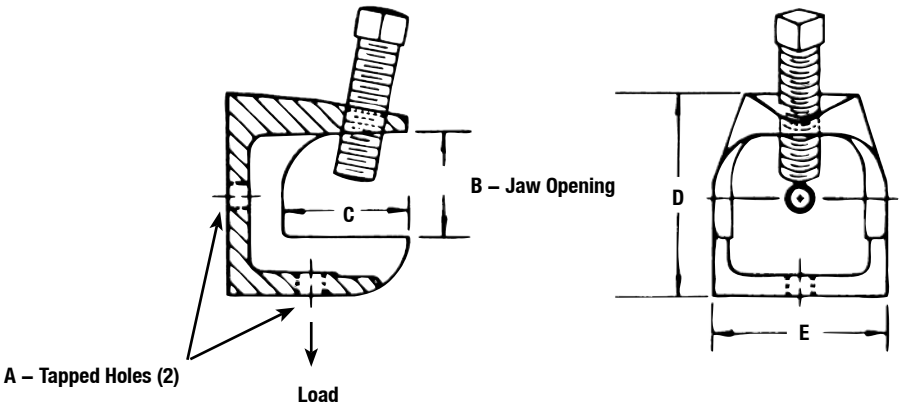
- Malleable iron clamp
- Steel screw, case hardened

Standard Finishes

- Clamp - hot dip galvanized
- Screw - zinc electroplated



Type IS



A Tapped Holes	B Jaw Opening	Dimensions in Millimeters (Inches) C	D	E	Max. Load kgs. (lbs.)	Catalog Number
1⁄4 - 20	23.9 (0.94)	22.4 (0.88)	41.4 (1.63)	25.4 (1.00)	152 (335)	**IS-500**
10 - 24	23.9 (0.94)	22.4 (0.88)	41.4 (1.63)	25.4 (1.00)	152 (335)	**IS-509**
5⁄16 - 18	23.9 (0.94)	28.7 (1.13)	46.0 (1.81)	38.1 (1.50)	238 (525)	**IS-501**
3⁄8 - 16	25.4 (1.00)	35.1 (1.38)	52.3 (2.06)	50.8 (2.00)	340 (750)	**IS-502**
1⁄2 - 13	28.7 (1.13)	42.9 (1.69)	57.2 (2.25)	66.8 (2.63)	408 (900)	**IS-503**

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Rigid Metal Conduit, IMC or EMT "K–Clamps"

CEC:
Listed for Ordinary Locations

Applications

- Designed to secure rigid metal conduit, IMC or EMT across, parallel or perpendicular to beam, channel and angle supports.

Features

- Easily installs.
- Capable of withstanding heavy loads.

Material/Finish

- Malleable iron/hot dip galvanized

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

	Trade Size (Inches)	Weight per 100 kg (lb)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Right Angle Type — Hot Dipped Galvanized — For Rigid, IMC, EMT				
 Right Angle Type	1/2	16.78 (37.00)	**PC-50RA**	**UBC-50G**
	3/4	18.14 (40.00)	**PC-75RA**	**UBC-75G**
	1	19.05 (42.00)	**PC-100RA**	**UBC-100G**
	1-1/4	22.23 (49.00)	**PC-125RA**	**UBC-125G**
	1-1/2	24.49 (54.00)	**PC-150RA**	**UBC-150G**
	2	32.21 (71.00)	**PC-200RA**	**UBC-200G**
	2-1/2	43.09 (95.00)	**PC-250RA**	**UBC-250G**
	3	48.53 (107.00)	**PC-300RA**	**UBC-300G**
	4	59.42 (131.00)	**PC-400RA**	**UBC-400G**
Parallel Type — Hot Dipped Galvanized — For Rigid, IMC, EMT				
 Parallel Type	1/2	22.68 (50.00)	**PC-50PAR**	**UPC-50G**
	3/4	24.04 (53.00)	**PC-75PAR**	**UPC-75G**
	1	27.22 (60.00)	**PC-100PAR**	**UPC-100G**
	1-1/4	31.75 (70.00)	**PC-125PAR**	**UPC-125G**
	1-1/2	37.19 (82.00)	**PC-150PAR**	**UPC-150G**
	2	59.87 (132.00)	**PC-200PAR**	**UPC-200G**
Edge Type — Hot Dipped Galvanized — For Rigid Conduit Only				
 Edge Type	1/2	28.58 (63.00)	**PC-50ET**	**UEC-50G**
	3/4	31.30 (69.00)	**PC-75ET**	**UEC-75G**
	1	37.19 (82.00)	**PC-100ET**	**UEC-100G**
	1-1/4	43.09 (95.00)	**PC-125ET**	**UEC-125G**
	1-1/2	49.00 (108.00)	**PC-150ET**	**UEC-150G**
	2	54.88 (121.00)	**PC-200ET**	**UEC-200G**

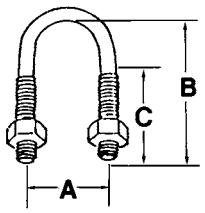
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Rigid Metal Conduit, IMC or EMT "K–Clamps"

CEC:
Listed for Ordinary Locations

Trade Size (Inches)	A Bushing Diameter	B Bushing Diameter	C Turning Radius w/Lug	UNC Thread Size	Weight per 100 (lbs)	O–Z/ Gedney™ Catalog Number
	Dimensions in Millimeters (Inches)					
Heavy-Duty U-Bolts with Hex Nuts ① — Hot Dipped Galvanized — For Rigid, IMC, EMT						
1/2	26.4 (1.04)	12.4 (0.49)	34.5 (1.36)	5/16-18	5.44 (12.00)	**U-50SG**
3/4	32.5 (1.28)	12.4 (0.49)	37.6 (1.48)	5/16-18	6.35 (14.00)	**U-75SG**
1	38.9 (1.53)	15.2 (0.60)	39.9 (1.57)	5/16-18	7.71 (17.00)	**U-100SG**
1-1/4	48.0 (1.89)	15.5 (0.61)	54.4 (2.14)	5/16-18	8.62 (19.00)	**U-125SG**
1-1/2	54.9 (2.16)	15.2 (0.60)	57.4 (2.26)	5/16-18	9.53 (21.00)	**U-150SG**
2	67.6 (2.66)	15.2 (0.60)	63.2 (2.49)	3/8-16	12.70 (28.00)	**U-200SG**
2 - 1/2	82.0 (3.23)	21.1 (0.83)	70.1 (2.76)	3/8-16	16.78 (37.00)	**U-250SG**
3	97.8 (3.85)	21.1 (0.83)	78.0 (3.07)	3/8-16	19.05 (42.00)	**U-300SG**
4	123.7 (4.87)	21.1 (0.83)	90.7 (3.57)	3/8-16	23.13 (51.00)	**U-400SG**





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Rigid Metal Conduit, IMC or EMT Hang–On™ Hangers

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure rigid metal conduit, IMC or EMT to threaded rod, supports or direct to mounting surface.

Features

- Available with bolt or swing bolt.

Material/Finish

- Steel/zinc plated

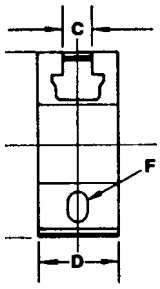
NEC/CEC Certifications and Compliances

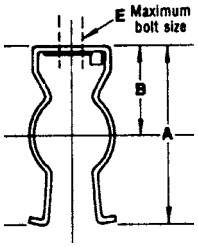
- UL Standard: 2239
- CSA Standard: C22.2 No. 18.4
- CSA Certified: 065178

Hang-On™ Conduit Hangers with Bolts — Steel/Zinc Plated

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	F	Weight per 100 (lbs)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
1/2	47.8 (1.88)	22.4 (0.88)	7.1 (0.28)	19.1 (0.75)	6.4 (0.25)	7.1 (0.28)	2.72 (6.00)	**H50WB**	**H-0WBS**
3/4	50.8 (2.00)	23.1 (0.91)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	3.18 (7.00)	**H75WB**	**H-1WBS**
1	61.2 (2.41)	29.5 (1.16)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	4.08 (9.00)	**H100WB**	**H-2WBS**
1-1/4	71.4 (2.81)	35.1 (1.38)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	7.1 (0.28)	4.54 (10.00)	**H125WB**	**H-3WBS**
1-1/2	81.8 (3.22)	41.4 (1.63)	17.5 (0.69)	25.4 (1.00)	7.9 (0.31)	7.1 (0.28)	7.26 (16.00)	**H150WB**	**H-4WBS**
2	95.3 (3.75)	47.8 (1.88)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	11.70 (25.80)	**H200WB**	**H-5WBS**
2 - 1/2	107.2 (4.22)	54.1 (2.13)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	11.79 (26.00)	**H250WB**	**H-6WBS**
3	124.0 (4.88)	60.5 (2.38)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	13.61 (30.00)	**H300WB**	**H-7WBS**
3 - 1/2	136.7 (5.38)	68.3 (2.69)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	7.1 (0.28)	17.24 (38.00)	**H350WB**	**H-8WBS**
4	163.6 (6.44)	76.2 (3.00)	13.5 (0.53)	44.5 (1.75)	12.7 (0.50)	13.5 (0.53)	40.82 (90.00)	**H400WB**	**H-9WBS**



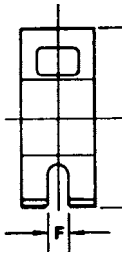




Hang-On™ Conduit Hangers with Swing Bolts — Steel/Zinc Plated

Trade Size (Inches)	A	B	C	D	E	F	Weight per 100 (lbs)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
1/2	43.7 (1.72)	22.4 (0.88)	7.1 (0.28)	19.1 (0.75)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	**H50-SWB**	**H-0SBS**
3/4	46.7 (1.84)	23.1 (0.91)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	**H75-SWB**	**H-1SBS**
1	59.4 (2.34)	29.5 (1.16)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	**H100-SWB**	**H-2SBS**
1-1/4	67.6 (2.66)	35.1 (1.38)	7.1 (0.28)	22.4 (0.88)	6.4 (0.25)	5.1 (0.20)	2.6 (5.70)	**H125-SWB**	**H-3SBS**
1-1/2	77.7 (3.06)	41.4 (1.63)	8.6 (0.34)	25.4 (1.00)	7.9 (0.31)	5.1 (0.20)	2.63 (5.70)	**H150-SWB**	**H-4SBS**
2	91.2 (3.59)	47.8 (1.88)	8.6 (0.34)	31.8 (1.25)	7.9 (0.31)	5.1 (0.20)	2.6 (5.70)	**H200-SWB**	**H-5SBS**





① *Not CSA Certified.*

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Rigid Metal Conduit, IMC or EMT Pipe Hangers

NEC/CEC:
Rated for Ordinary Locations

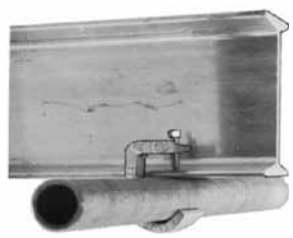
Applications

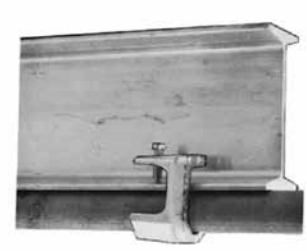
- Unique design accommodates more sizes of conduit with fewer clamps for lower inventories.
- Suitable for Rigid, IMC and EMT.
- Suitable for conduit runs on vertical and horizontal beams.

Material/Finish

- Malleable iron/zinc plated

Illustrated Features







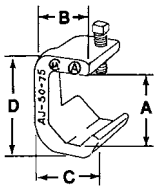
Single line of conduit running parallel to beam using “CH” hanger.



Doubles lines of conduit running perpendicular to beam using “CHD” hanger.

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Weight per 100 kg (lb)	Catalog Number
Type AJ — For Single Line Conduit						
1/2-3/4	44.5 (1.75)	33.3 (1.31)	38.9 (1.53)	62.0 (2.44)	25.54 (56.30)	**AJ-50-75**
1	52.3 (2.06)	35.8 (1.41)	46.0 (1.81)	69.9 (2.75)	28.35 (62.50)	**AJ-100**
1-1/4—1-1/2	68.3 (2.69)	52.3 (2.06)	66.8 (2.63)	93.7 (3.69)	52.44 (115.60)	**AJ-125-150**
2	84.1 (3.31)	58.7 (2.31)	79.5 (3.13)	109.5 (4.31)	62.37 (137.50)	**AJ-200**





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Rigid Metal Conduit, IMC or EMT Pipe Hangers

NEC/CEC:
Rated for Ordinary Locations

	Rigid Size (Inches)	EMT Size (Inches)	Dimensions in Millimeters (Inches) for Conduit Opening	Weight per 100 kg (lb)	Catalog Number
CH — For Single Line Conduit					
	1/2 — 3/4	1/2 — 3/4 —1	16.8 (0.66)	34.93 (77.00)	**CH-50S**
	1	1-1/4 — 1-1/2	16.8 (0.66)	43.10 (95.00)	**CH-125S**
CHD — For Double Lines of Conduit					
	1/2 — 3/4	1/2 — 3/4—1	16.8 (0.66)	36.29 (80.00)	**CH-50D**
	1	1-1/4 —1-1/2	16.8 (0.66)	48.53 (107.00)	**CH-125D**
Single Accessories					
	1/2 — 3/4	1/2 — 3/4—1	—	5.44 (12.00)	**CHL-50**
	1	1-1/4 —1-1/2	—	13.61 (30.00)	**CHL-125**
Double Accessories					
	1/2 — 3/4	1/2 — 3/4—1	—	7.26 (16.00)	**CHL-50D**
	1	1-1/2 — 1-1/2	—	18.60 (41.00)	**CHL-125D**
CH Clamp Body					
	—	Fits All Parts	16.8 (0.66)	29.48 (65.00)	**CH**
3/8 Inch Guy Wire Conduit Clamp Hanger — Rigid or IMC					
	1/2	For Rigid Conduit	—	6.80 (15.00)	**CH-50**
	3/4		—	6.80 (15.00)	**CH-75**
	1		—	8.16 (18.00)	**CH-100**

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Rigid Metal Conduit, IMC or EMT Pipe Hangers

CEC:
Listed for Ordinary Locations

Applications

- For securing Rigid Conduit, IMC, EMT and Flexible Metal Conduit.

Standard Materials

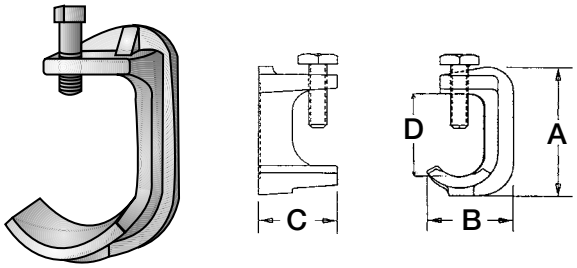
- Malleable iron
- Steel bolt

Standard Finishes

- Mechanically galvanized

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795



Type J

Trade Size (Inches)	Dimensions in Millimeters (Inches)					
	A	B	C	D	Bolt Size	Catalog Number
1/2	65.02 (2.56)	39.62 (1.56)	35.05 (1.38)	41.40 (1.63)	7.9 x 38.1 (0.31 x 1.5)	**J-50G**
3/4	73.15 (2.88)	47.75 (1.88)	35.81 (1.41)	49.28 (1.94)	7.9 x 38.1 (0.31 x 1.5)	**J-75G**
1	88.90 (3.50)	55.63 (2.19)	44.45 (1.75)	57.15 (2.25)	7.9 x 38.1 (0.31 x 1.5)	**J-100G**
1-1/4	95.25 (3.75)	63.50 (2.50)	44.45 (1.75)	65.02 (2.56)	9.7 x 38.1 (0.38 x 1.5)	**J-125G**
1-1/2	103.12 (4.06)	73.15 (2.88)	50.80 (2.00)	71.37 (2.81)	9.7 x 38.1 (0.38 x 1.5)	**J-150G**
2	127.00 (5.00)	84.07 (3.31)	52.32 (2.06)	87.38 (3.44)	12.7 x 44.5 (0.5 x 1.75)	**J-200G**
2-1/2 -3	160.27 (6.31)	112.78 (4.44)	66.80 (2.63)	115.82 (4.56)	16.0 x 63.5 (0.63 x 2.5)	**J-2530G**

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Rigid Metal Conduit, IMC or EMT Pipe Hangers

NEC/CEC:
Rated for Ordinary Locations

Applications

- For securing Rigid Conduit, IMC, and EMT. Swivel grip rotates a full 360°.

Standard Materials

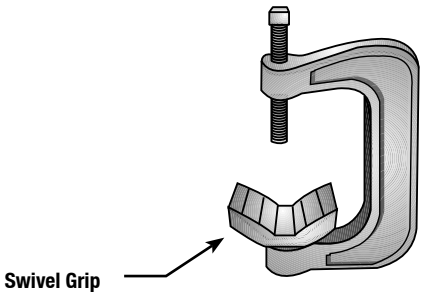
- Malleable iron
- Steel bolt

Standard Finishes

- Zinc plated

Options

- Mechanically galvanized. Contact your local representative for pricing, availibility and minimum order quantities.



Type CBC

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Length	Width	
1/2 -3/4 -1 - 1-1/4	85.85 (3.38)	65.02 (2.56)	**CBC-1** ①
1-1/4 - 1-1/2 - 2	117.6 (4.63)	82.55 (3.25)	**CBC-2** ②

① *CBC-1 maximum beam thickness of 1/4" when using 1-1/4" conduit.*
② *CBC-2 maximum beam thickness of 1/8" when using 2" conduit.*

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CTC Conduit Cable Tray Clamps

For Rigid Conduit, IMC and EMT.

NEC/CEC:
Listed for Ordinary Locations

Applications

- For connecting and grounding rigid conduit, IMC, or EMT to cable trays.
- Secures and bonds metal conduit (rigid steel or aluminum, IMC and EMT) to the side rails of steel or aluminum cable trays without drilling or welding the tray. On the 1½" through 4" sizes, conduits can attach to the tray from any angle up to 120°, allowing large power or control cables to be routed easily.

Features

- Fast Installation
- Low Product Cost
- Excellent Grounding Continuity
- Variable Conduit Entry 1½" - 4" sizes
- High Mechanical Strength
- Compact Design
- Meets NEC 392.60(B)(A) Bonding Requirements

Standard Materials

- Malleable Iron
- U-Bolts and Nuts: Steel

Standard Finishes

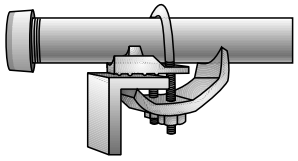
- Mechanically Galvanized

Options

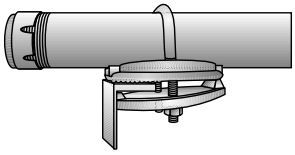
- PVC coating available on select aluminum bodies and covers. Add suffix **-PVC** to catalog number.

NEC/CEC Certifications and Compliances

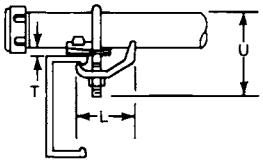
- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18.
- CSA Certified: 009795 for rigid and EMT only

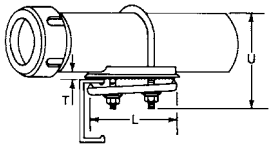


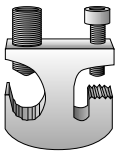
Type CTC–0507 and Type CTC–1012
12" — 114" Sizes
Right Angle to Tray



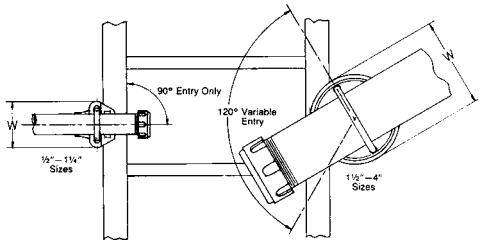
Type CTC–150 and Type CTC–400
112" — 4" Sizes
Variable Angle to Tray

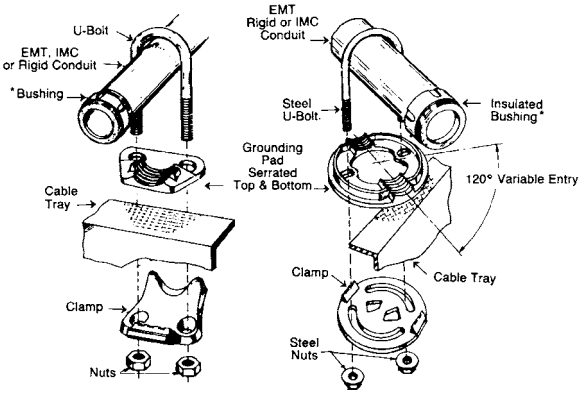


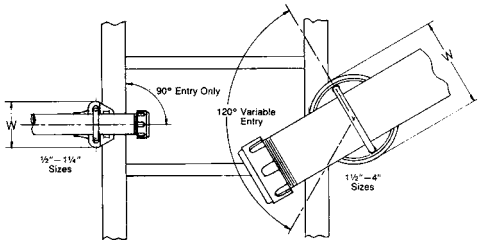


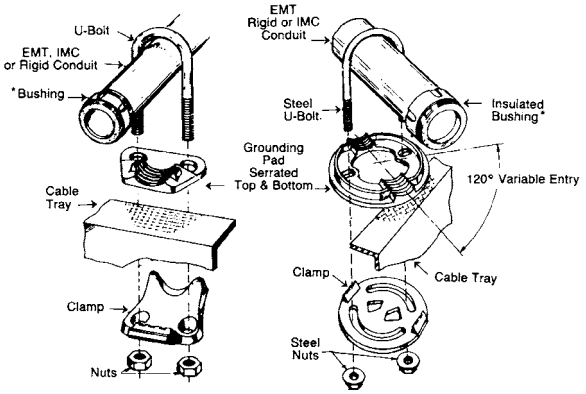


Type CTGC
Cable Tray Grounding clamps for use on most types of cable trays.







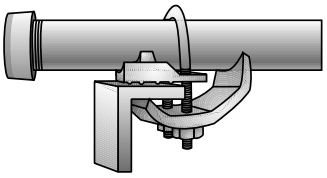


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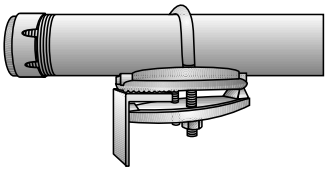
CTC Conduit Cable Tray Clamps

For Rigid Conduit, IMC and EMT.

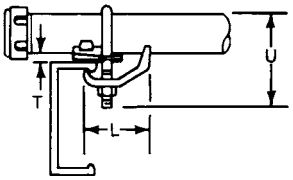
NEC/CEC:
Listed for Ordinary Locations

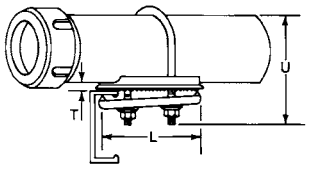


Type CTC–0507 and Type CTC–1012
12" — 114" Sizes
Right Angle to Tray



Type CTC–150 and Type CTC–400
112" — 4" Sizes
Variable Angle to Tray





Rigid or IMC, EMT Trade Size (Inches)	U–Bolt and Nut Size	Dimensions in Millimeters (Inches) W	L	T	U	Recommended Ins. Torque In. – Kgs. (Lbs.)	Catalog Number
1/2 -3/4	6.35 (0.25) - 508 (20)	57.2 (2.25)	57.2 (2.25)	6.4 (0.25)	63.5 (2.5)	27 (60)	**CTC-0507**
1 - 1-1/4	7.87 (0.31) - 457.2 (18)	73.2 (2.88)	57.2 (2.25)	6.4 (0.25)	82.6 (3.25)	52 (115)	**CTC-1012**
1-1/2	7.87 (0.31) - 457.2 (18)	98.6 (3.88)	88.9 (3.50)	9.7 (0.38)	89.0 (3.50)	52 (115)	**CTC-150**
2	9.65 (0.38) - 406.4 (16)	114.3 (4.5)	101.6 (4.00)	9.7 (0.38)	101.6 (4.00)	86 (190)	**CTC-200**
2-1/2	9.65 (0.38) - 406.4 (16)	127.0 (5.00)	114.3 (4.50)	9.7 (0.38)	114.3 (4.50)	86 (190)	**CTC-250**
3	9.65 (0.38) - 406.4 (16)	143.0 (5.63)	130.3 (5.13)	9.7 (0.38)	133.4 (5.25)	86 (190)	**CTC-300**
3-1/2	9.65 (0.38) - 406.4 (16)	155.7 (6.13)	139.7 (5.50)	9.7 (0.38)	146.1 (5.75)	86 (190)	**CTC-350**
4	9.65 (0.38) - 406.4 (16)	168.4 (6.63)	152.4 (6.00)	9.7 (0.38)	158.8 (6.25)	86 (190)	**CTC-400**

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TCC Single TCCD Double Conduit Cable Tray Clamps

NEC:
Listed for Ordinary Locations

Application

- For supporting rigid conduit to cable tray flange at each location where tray cable exits the tray and is run through rigid conduit raceway to control panel boards, motor starters and other electrical devices.

Features

- Clamps mount on all types of tray configurations (inside, outside or double flange).
- Exclusive design provides full 360° swivel, allowing exit conduit positioning at any angle, eliminating the need for separate inside or outside flange clamps, and field modification.
- Unique clamp mounting provides greater cable capacity and working area within the tray by reducing internal clamp obstruction.
- Type TCCD feature exclusive double conduit clamps conserve to space where multiple cables exit the tray at one location.
- Only four clamps are necessary to handle a conduit range from 1/2" thru 4".
- Fewer catalog numbers reduce jobsite inventory.

Standard Materials

- Base and conduit clamp: malleable iron
- Nuts, bolts and other hardware: steel
- Cable tray grounding clamp: aluminum

Standard Finishes

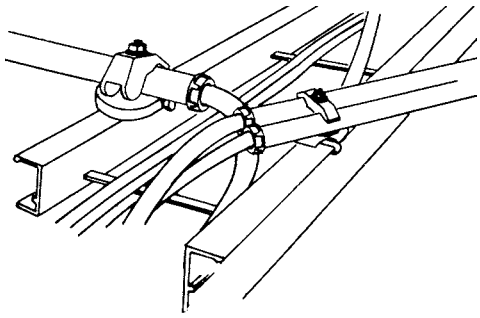
- Base and conduit clamp: hot dip galvanized
- Nuts, bolts and other hardware: mechanically galvanized

NEC Certifications and Compliances

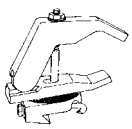
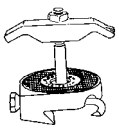
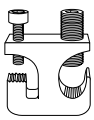
- UL Standard: 467
- UL Listed: E-24264



TCC250300G



In Use

	Rigid Size (Inches)	Weight Per 100 — kg (lb)	Catalog Number
TCC for Single Line Conduit—Hot Dip/Mechanically Galvanized			
	1/2, 3/4, 1	45.40 (100.00)	**TCC-50100G**
	1-1/4, 1-1/2, 2	104.90 (231.30)	**TCC-125200G**
	2-1/2, 3	202.70 (446.90)	**TCC-250300G**
	3-1/2, 4	203.70 (449.10)	**TCC-350400G**
TCCD for Double Line Conduit—Hot Dip/Mechanically Galvanized			
	1/2, 3/4, 1	41.10 (90.70)	**TCCD-50100G**
	1-1/4, 1-1/2, 2	90.70 (200.00)	**TCCD-125200G**
Cable Tray Grounding Conductor Clamp—Aluminum			
	For #6 to 250 MCM	8.50 (18.80)	**TCGC**

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NEER™ Straps

For Rigid Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

1800: One Hole Click-On

Applications

- Click-on type one hole straps for rigid conduit or IMC.
- Provides support for the conduits, as required by the National Electrical Code.

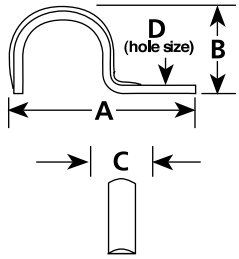
Material/Finish

- Steel/zinc plated



1801

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	47.0 (1.85)	20.3 (0.80)	15.7 (0.62)	6.4 (0.25)	**1801**
3/4	31.0 (1.22)	23.4 (0.92)	19.1 (0.75)	6.4 (0.25)	**1802**
1	67.3 (2.65)	29.2 (1.15)	22.1 (0.87)	7.9 (0.31)	**1803**
1-1/4	75.7 (2.98)	35.8 (1.41)	25.1 (0.99)	9.7 (0.38)	**1804**
1-1/2	89.2 (3.51)	40.9 (1.61)	25.4 (1.00)	11.2 (0.44)	**1805**
2	105.9 (4.17)	50.0 (1.97)	29.0 (1.14)	13.5 (0.53)	**1806**
2 - 1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	**1807**
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	**1808**
3 - 1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	**1809**
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	**1810**

TH-1800: Two Hole Snap-On

Applications

- Snap-on type two hole straps for rigid conduit and IMC are used where higher load bearing supports are desired.

Material/Finish

- Steel/zinc plated

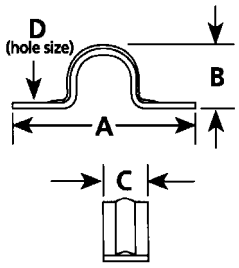
NEC/CEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 No. 18.4
- cUL Listed: E333806



TH –1801

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	62.7 (2.47)	21.8 (0.86)	15.7 (0.62)	4.8 (0.19)	**TH-1801**
3/4	71.6 (2.82)	27.9 (1.10)	17.3 (0.68)	4.8 (0.19)	**TH-1802**
1	85.9 (3.38)	32.3 (1.27)	19.1 (0.75)	6.4 (0.25)	**TH-1803**
1-1/4	101.6 (4.00)	42.7 (1.68)	21.8 (0.86)	6.4 (0.25)	**TH-1804**
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	**TH-1805**
2	112.8 (4.44)	50.3 (1.98)	23.9 (0.94)	9.7 (0.38)	**TH-1806**
2 - 1/2	131.8 (5.19)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	**TH-1807**
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	**TH-1808**
3 - 1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	**TH-1809**
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	**TH-1810**

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EMERSON

NEER™ Conduit Hangers

With Bolts and Nuts

NEC:
Listed for Ordinary Locations

Application

- Secure and suspend rigid conduit, IMC, EMT or PVC conduit from overhead supports.

Features

- Furnished with carriage bolt.

Standard Material/Finish

- Steel/zinc plated

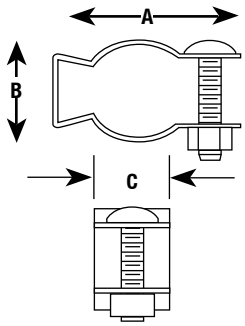
NEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806



CH–050–B

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 and 1/2	49.0 (1.93)	23.1 (0.91)	19.1 (0.75)	**CH-050-B**
3/4	54.9 (2.16)	27.9 (1.10)	19.1 (0.75)	**CH-100-B**
1	61.5 (2.42)	34.8 (1.37)	22.4 (0.88)	**CH-200-B**
1-1/4TW	69.1 (2.72)	39.4 (1.55)	22.4 (0.88)	**CH-250-B**
1-1/4HW	72.4 (2.85)	48.3 (1.90)	22.4 (0.88)	**CH-300-B**
1-1/2	80.0 (3.15)	49.0 (1.93)	25.4 (1.00)	**CH-400-B**
2	94.7 (3.73)	68.3 (2.69)	25.7 (1.01)	**CH-500-B**
2-1/2	118.1 (4.65)	85.1 (3.35)	28.7 (1.13)	**CH-600-B**
3	134.6 (5.30)	99.1 (3.90)	30.2 (1.19)	**CH-700-B**
3-1/2	146.1 (5.75)	102.9 (4.05)	31.8 (1.25)	**CH-800-B**
4	162.6 (6.40)	128.3 (5.05)	31.8 (1.25)	**CH-900-B**

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NEER™ Nail Straps

For EMT.

NEC:
Listed for Ordinary Locations

Applications

- To secure EMT to wooden mounting structure.
- Use in place of one hole straps.

Standard Material/Finish

- Steel/zinc plated

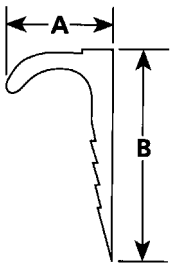
NEC Certifications and Compliances

- UL Listed: E333806



NS–901

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	30.2 (1.19)	52.6 (2.07)	**NS-901**
3/4	31.2 (1.23)	52.6 (2.07)	**NS-902**
1	39.1 (1.54)	57.2 (2.25)	**NS-903**

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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EMERSON

NEER™ Beam Clamps, Jack Chain and S Hooks

NEC/CEC:
Rated for Ordinary Locations

TBC: Beam Clamps

Applications

- Clamp on to the mounting structure to provide mounting means for the attachment of conduit hangers either directly or by means of threaded rod.

Features

- 1/4-20 threaded holes.
- Jaw opening 5/8".

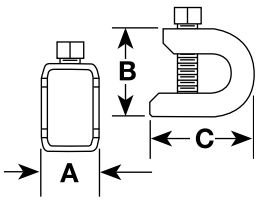
Material/Finish

- Stamped steel/zinc plate



BC–250

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1-1/4 x 5/16 -18	22.9 (0.90)	11.2 (0.44)	42.7 (1.68)	**BC-250**

NEC/CEC:
Rated for Ordinary Locations

JC: Steel Jack Chain

Applications

- For suspending lighting fixtures, etc.

Feature

- Standard weight maximum working load: 29#.

Material/Finish

- Galvanized steel

Note:
- *Order in 30.5 meter (100 foot) increments.*



JC–12–S

Trade Size (Inches)	Meters (Feet)	Catalog Number
No.12	30.5 (100) Spool	**BC-250**

NEC/CEC:
Rated for Ordinary Locations

SH: Standard and Heavy S Hooks

Applications

- For terminating end of jack chain, used to suspend lighting fixtures, etc.

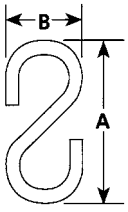
Material/Finish

- Steel/zinc plated



SH–100–D

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
0.1009 dia.	31.0 (1.22)	16.8 (0.66)	**SH-100-D**
0.1429 dia.	38.6 (1.52)	25.4 (1.00)	**SH-142**

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EMERSON

NEER™ Cable Staples

NEC/CEC:
Rated for Ordinary Locations

SN: Cable Staples

Applications

- To secure nonmetallic sheathed cable and type SE/U cable to wooden mounting structure.

Standard Material

- Steel

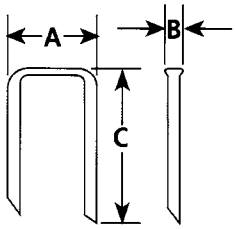
Note:

- *SN cable staples are furnished in plastic containers.*



SN

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Standard Carton	Package	Catalog Number
NMC 2-Cond. 12 and 14						
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	100	10,000	**SN-400**
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	500	10,000	**SN-405**
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	-	15,000	**SN-410**
NMC 3-Cond. 10-12 and 14 Wire						
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	100	5,000	**SN-1000**
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	500	5,000	**SN-1050**
1-1/4 x 9/16	20.3 (0.8)	3.6 (0.14)	34.8 (1.37)	-	10,000	**SN-1100**
SE/U 3-Cond. No. 6						
1-3/8 x 13/16	33.0 (1.3)	6.6 (0.26)	33.5 (1.32)	100	5,000	**SN-3000**

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Installation Features of ST™, STB, STN and STL Connectors and Hubs

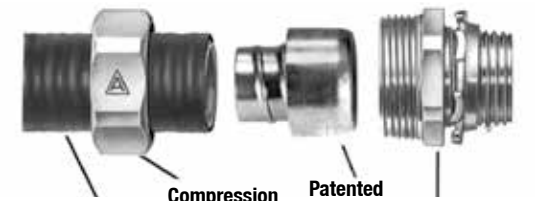
For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

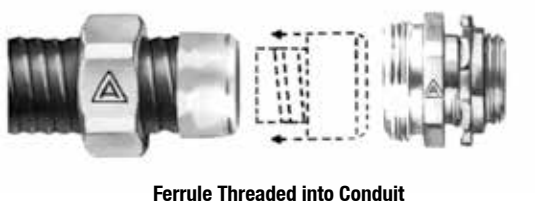
NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Using hacksaw, cut liquidtight flexible conduit making certain that the jacket and conduit are flush. (A) Place compression nut over conduit. (B) Screw ferrule onto the spiralled steel inner wall of the conduit. The firm grip of the ferrule threading against the inner conduit wall provides a continuous, permanent, positive metal-to-metal ground. There are no sharp edges to cause injury to wire during or after installation. (C) Place the liquidtight flexible conduit with the ferrule into connector body. (D) Tighten compression nut as far as it will go. This will assure correct collaring of the conduit—the end of the metal edge of the ferrule will curve out slightly. (E) This prevents damage to the conduit jacket itself at the time of installation, and also insures against future damage from frequent flexing, jarring or vibration.

A



B



Ferrule Threaded into Conduit

C



Assembly Before Compression

D



Assembly After Compression Showing Positive Ground

E



Compression Ferrule



Sealing Gasket
Neoprene sealing gasket eliminates common connection problems and assures a liquidtight installation. Seals against oil, water, dirt and chemicals.



Space Saving Hex–Hub Wedge Adapter
Male shank of unique Appleton™ hex-hub wedge adapter "finger tightens" into connector body. Flared surface of adapter wedges box wall against locking edge of body. Forms full 360° contact on both sides of box wall.



Insulated Throat
Insulating insert recessed into hex-hub wedge adapter protects against wire damage...without reduction in throat diameter. Perfect for extreme vibration conditions. Nothing to come loose, deteriorate, crack or break!

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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

Features

- ST Series has plain throat.
- STB Series has insulated throat to protect against wire damage.
- Seals out oil, water, dust, dirt and fumes.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Polypropylene sealing ring with locknut standard.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.
- Straight, 45° and 90° styles available in trade sizes 3/8" thru 4"

Standard Material/Finish

- 3/8" thru 1" straight: steel body and compression nut
- 1-1/4" thru 4" straight: malleable iron body and compression nut
- 3/8" thru 4" 45° and 90°: malleable iron body
- 3/8" thru 1" 45° and 90° caps: steel
- 1-1/4" thru 4" 45° and 90° caps: malleable iron
- 3/8" thru 1"ferrule: steel
- 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate
- Sealing ring: polypropylene

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

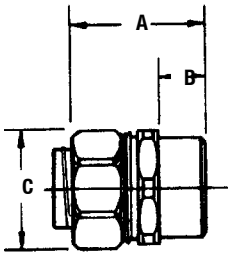


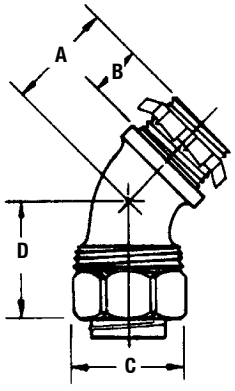
ST–38

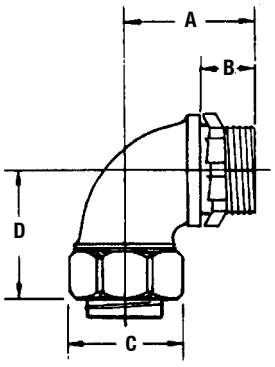
STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
3-1/2	3-1/2
4	4
5	5

Illustrated Dimensions







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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

	Conduit Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Weight per 100 kg (lb)	Catalog Number
Straight							
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	7.3 (16.00)	**ST-38**
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	6.8 (15.00)	**ST-50**
	3/4	38.1 (1.50)	16/0 (0.63)	38.1 (1.50)	—	10.0 (22.00)	**ST-75**
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	15.4 (34.00)	**ST-100**
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	38.1 (84.00)	**ST-125**
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	54.4 (120.00)	**ST-150**
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	74.8 (165.00)	**ST-200**
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	158.8 (350.00)	**ST-250**
	3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	204.1 (450.00)	**ST-300**
	3-1/2	93.7 (3.69)	30.2 (1.19)	127 (5.00)	—	238.1 (525.00)	**ST-350**
	4	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	—	301.2 (664.00)	**ST-400**
45°							
	3/8 flex, 1/2 hub	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	19.0 (8.62)	**ST-4538**
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	19.0 (8.62)	**ST-4550**
	3/4	28.7 (1.13)	16.0 (0.63)	45.9 (1.81)	31.8 (1.25)	32.0 (14.51)	**ST-4575**
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	46.0 (20.87)	**ST-45100**
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	103.0 (46.72)	**ST-45125**
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	165.0 (74.84)	**ST-45150**
	2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	245.0 (111.13)	**ST-45200**
	2-1/2	90.4 (3.56)	26.9 (1.06)	100.1 (3.94)	127.0 (5.00)	760.0 (344.73)	**ST-45250**
	3	109.5 (4.31)	30.2 (1.19)	111.3 (4.38)	147.6 (5.81)	962.0 (436.36)	**ST-45300**
	4	117.6 (4.63)	31.8 (1.25)	5.5 (139.7)	101.6 (4.00)	1512.0 (685.83)	**ST-45400**
90°							
	3/8 flex, 1/2 hub	31.8 (1.25)	16.0 (0.63)	28.6 (1.13)	36.5 (1.44)	10.3 (22.80)	**ST-9038**
	1/2	33.3 (1.31)	16.0 (0.63)	31.8 (1.25)	36.8 (1.45)	10.3 (23.00)	**ST-9050**
	3/4	36.6 (1.44)	16.0 (0.63)	38.9 (1.53)	43.2 (1.70)	17.7 (39.00)	**ST-9075**
	1	44.5 (1.75)	19.1 (0.75)	45.9 (1.81)	49.5 (1.95)	28.1 (62.00)	**ST-90100**
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	51.7 (114.00)	**ST-90125**
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	88.5 (195.00)	**ST-90150**
	2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	131.5 (290.00)	**ST-90200**
	2-1/2	182.6 (7.19)	26.9 (1.06)	100.1 (3.94)	214.4 (8.44)	382.4 (843.00)	**ST-90250**
	3	219.2 (8.63)	30.2 (1.19)	111.3 (4.38)	257.3 (10.13)	499.0 (1100.00)	**ST-90300**
	4	285.8 (11.25)	31.8 (1.25)	139.7 (5.50)	325.4 (12.81)	952.5 (2100.00)	**ST-90400**

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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

	Conduit Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Weight per 100 kg (lb)	Catalog Number
Straight							
	3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	6.8 (15.00)	**STB-38**
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	7.3 (16.00)	**STB-50**
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	10.4 (23.00)	**STB-75**
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	15.4 (34.00)	**STB-100**
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	38.1 (84.00)	**STB-125**
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	54.0 (119.00)	**STB-150**
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	77.1 (170.00)	**STB-200**
	2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	154.2 (340.00)	**STB-250**
	3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	204.1 (450.00)	**STB-300**
	3-1/2	93.7 (3.69)	30.2 (1.19)	27.0 (5.00)	—	240.4 (530.00)	**STB-350**
	4	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	—	297.1 (655.00)	**STB-400**
45°							
	3/8 flex, 1/2 hub	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	8.2 (18.00)	**STB-4538**
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	8.2 (18.00)	**STB-4550**
	3/4	28.7 (1.13)	16.0 (0.63)	45.9 (1.81)	31.8 (1.25)	13.6 (30.00)	**STB-4575**
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	22.2 (49.00)	**STB-45100**
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	46.3 (102.00)	**STB-45125**
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	72.6 (160.00)	**STB-45150**
	2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	104.3 (230.00)	**STB-45200**
	2-1/2	90.4 (3.56)	26.9 (1.06)	100.1 (3.94)	127.0 (5.00)	344.7 (760.00)	**STB-45250**
	3	109.5 (4.31)	30.2 (1.19)	111.3 (4.38)	147.6 (5.81)	453.6 (1000.00)	**STB-45300**
	4	117.6 (4.63)	31.8 (1.25)	5.50 (139.7)	101.6 (4.00)	816.5 (1800.00)	**STB-45400**
90°							
	3/8 flex, 1/2 hub	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	10.4 (23.00)	**STB-9038**
	1/2	31.8 (1.25)	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	10.9 (24.00)	**STB-9050**
	3/4	36.6 (1.44)	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	17.2 (38.00)	**STB-9075**
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	26.31 (58.00)	**STB-90100**
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	52.62 (116.00)	**STB-90125**
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	87.09 (192.00)	**STB-90150**
	2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	127.91 (282.00)	**STB-90200**
	2-1/2	182.6 (7.19)	26.9 (1.06)	100.1 (3.94)	214.4 (8.44)	381.02 (840.00)	**STB-90250**
	3	219.2 (8.63)	30.2 (1.19)	111.3 (4.38)	257.3 (10.13)	498.95 (1100.00)	**STB-90300**
	4	285.8 (11.25)	31.8 (1.25)	139.7 (5.50)	325.4 (12.81)	975.22 (2150.00)	**STB-90400**

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Liquidtight STF Connectors with Threaded Hubs

For Liquidtight Flexible Metal Conduit. Female ST Connectors.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- For use with liquidtight flexible metal conduit when making connection to threaded rigid conduit and IMC.

Features

- Female ST connectors have a unique long ferrule with more pronounced threads that provide over four times UL pull-out requirements. The ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- ST connectors have compact design with small turning radius.

Standard Material/Finish

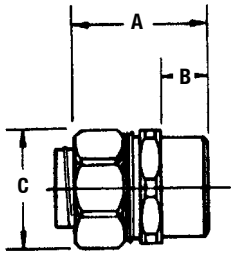
- 3/8" thru 1": steel with steel ferrule; 1-1/4" thru 4": malleable iron with aluminum ferrule
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



ST–38F



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
Female ST Connectors with Threaded Hubs					
3/8 flex,1/2 hub	33.3 (1.31)	11.2 (0.44)	28.7 (1.13)	5.90 (13.00)	**ST-38F**
1/2	33.3 (1.31)	11.2 (0.44)	31.8 (1.25)	6.35 (14.00)	**ST-50F**
3/4	36.6 (1.44)	12.7 (0.50)	38.1 (1.50)	9.53 (21.00)	**ST-75F**
1	39.6 (1.56)	17.5 (0.69)	45.9 (1.81)	14.06 (31.00)	**ST-100F**
1-1/4	52.3 (1.06)	23.8 (0.94)	58.7 (2.31)	44.90 (99.00)	**ST-125F**
1-1/2	63.5 (2.50)	28.4 (1.12)	66.8 (2.63)	65.18 (143.70)	**ST-150F**
2	69.9 (2.75)	31.8 (1.25)	81.0 (3.19)	102.06 (225.00)	**ST-200F**
2-1/2	79.2 (3.12)	35.1 (1.38)	100.1 (3.94)	182.84 (403.10)	**ST-250F**
3	93.5 (3.68)	39.6 (1.56)	111.3 (4.38)	193.96 (427.60)	**ST-300F**
4	100.1 (3.94)	44.5 (1.75)	139.7 (5.50)	300.46 (662.40)	**ST-400F**

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Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

For Liquidtight Flexible Metal Conduit. STB, STN, and Female ST Types.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- For use with liquidtight flexible metal conduit subjected to flexure, vibration, motion, or strain. “STB” Type connects to threaded hubs. “STN” Type is for connections to sheet metal enclosures. Female ST Type connects to threaded rigid conduit and IMC.

Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Stainless steel wire mesh prevents pull-out of flexible conduit from fitting and alleviates flexing stress at liquidtight connection.
- Insulated throat (STB and STN Series) protects against wire damage.
- STN Type has space-saving hex hub wedge adapter that fits nearly flush against inside walls of enclosures, providing maximum wiring room.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- STB Series has full, machined tapered threads (NPT).

Standard Material/Finish

- Straight STB, STN, and Female ST connectors: 3/8" thru 1” are steel, 1-1/4" and over are malleable iron
- 45° and 90° connectors: all sizes are malleable iron
- Ferrule: 3/8" thru 1” are steel; 1-1/4" and over are aluminum
- Wire mesh: stainless steel
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

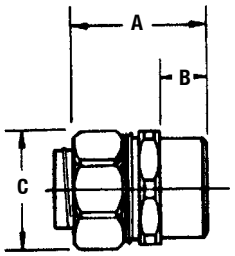


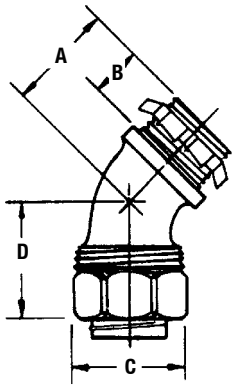
STB–38SR

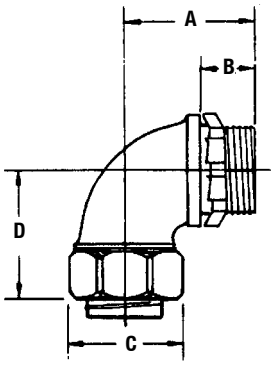
STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3

Illustrated Dimensions







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Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

For Liquidtight Flexible Metal Conduit. STB, STN, and Female ST Types.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

	Dimensions in Millimeters (Inches)				Outside Diameter		Weight per 100 kg (lb)	Catalog Number
	A	B	C	D	Min.	Max		
STB Straight — Insulated								
 3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	17.5 (0.69)	18.0 (0.71)	9.25 (20.40)	**STB-38SR**
1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20.8 (0.82)	21.3 (0.84)	12.11 (26.70)	**STB-50SR**
3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	26.2 (1.03)	26.7 (1.05)	17.74 (39.10)	**STB-75SR**
1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32.8 (1.29)	33.5 (1.32)	23.90 (52.70)	**STB-100SR**
1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	41.4 (1.63)	42.2 (1.66)	47.81 (105.40)	**STB-125SR**
1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	47.5 (1.87)	48.3 (1.90)	66.09 (145.70)	**STB-150SR**
2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	59.4 (2.34)	60.5 (2.38)	91.67 (202.10)	**STB-200SR**
2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	72.1 (2.84)	73.2 (2.88)	180.89 (398.80)	**STB-250SR**
3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	87.9 (3.46)	88.9 (3.50)	242.90 (535.50)	**STB-300SR**
STB 45° — Insulated								
 3/8 flex, 1/2 hub	28.7 (1.13)	16.0 (0.63)	28.7 (1.13)	22.4 (0.88)	17.5 (0.69)	18.0 (0.71)	10.61 (23.40)	**STB-4538SR**
1/2	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	22.4 (0.88)	20.8 (0.82)	21.3 (0.84)	13.01 (28.70)	**STB-4550SR**
3/4	38.1 (1.50)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	26.2 (1.03)	26.7 (1.05)	20.91 (46.10)	**STB-4575SR**
1	45.9 (1.81)	19.1 (0.75)	45.9 (1.81)	35.1 (1.38)	32.8 (1.29)	33.5 (1.32)	30.71 (67.70)	**STB-45100SR**
1-1/4	58.7 (2.31)	16.0 (0.63)	45.9 (1.81)	41.4 (1.63)	41.4 (1.63)	42.2 (1.66)	55.97 (123.40)	**STB-45125SR**
1-1/2	66.8 (2.63)	16.0 (0.63)	54.1 (2.13)	45.9 (1.81)	47.5 (1.87)	48.3 (1.90)	85.09 (187.60)	**STB-45150SR**
2	81.0 (3.19)	17.5 (0.69)	60.5 (2.38)	50.8 (2.00)	59.4 (2.34)	60.5 (2.38)	118.89 (262.10)	**STB-45200SR**
2-1/2	100.1 (3.94)	26.9 (1.06)	127.0 (5.00)	90.4 (3.56)	72.1 (2.84)	73.2 (2.88)	371.40 (818.80)	**STB-45250SR**
3	111.3 (4.38)	30.2 (1.19)	147.6 (5.81)	109.5 (4.31)	87.9 (3.46)	88.9 (3.50)	492.37 (1085.50)	**STB-45300SR**
STB 90° — Insulated								
 3/8 flex, 1/2 hub	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	17.5 (0.69)	18.0 (0.71)	12.88 (28.40)	**STB-9038SR**
1/2	31.8 (1.25)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	20.8 (0.82)	21.3 (0.84)	15.74 (34.70)	**STB-9050SR**
3/4	38.1 (1.50)	16.0 (0.63)	39.6 (1.56)	36.6 (1.44)	26.2 (1.03)	26.7 (1.05)	24.54 (54.10)	**STB-9075SR**
1	45.9 (1.81)	19.1 (0.75)	47.8 (1.88)	35.1 (1.38)	32.8 (1.29)	33.5 (1.32)	34.79 (76.70)	**STB-90100SR**
1-1/4	58.7 (2.31)	16.0 (0.63)	60.5 (2.38)	45.9 (1.81)	41.4 (1.63)	42.2 (1.66)	62.32 (137.40)	**STB-90125SR**
1-1/2	66.8 (2.63)	16.0 (0.63)	81.0 (3.19)	61.9 (2.44)	47.5 (1.87)	48.3 (1.90)	99.20 (218.70)	**STB-90150SR**
2	81.0 (3.19)	17.5 (0.69)	90.4 (3.56)	66.8 (2.63)	59.4 (2.34)	60.5 (2.38)	142.47 (314.10)	**STB-90200SR**
2-1/2	100.1 (3.94)	26.9 (1.06)	14.4 (8.44)	182.6 (7.19)	72.1 (2.84)	73.2 (2.88)	407.69 (898.80)	**STB-90250SR**
3	111.3 (4.38)	30.2 (1.19)	257.3 (10.13)	219.2 (8.63)	87.9 (3.46)	88.9 (3.50)	537.73 (1185.50)	**STB-90300SR**
ST Straight Female with Threaded Hubs								
 3/8 flex, 1/2 hub	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	17.5 (0.69)	18.0 (0.71)	8.35 (18.40)	**ST-38FSR**
1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20.8 (0.82)	21.3 (0.84)	11.20 (24.70)	**ST-50FSR**
3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	26.2 (1.03)	26.7 (1.05)	16.83 (37.10)	**ST-75FSR**
1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32.8 (1.29)	33.5 (1.32)	22.54 (49.70)	**ST-100FSR**
1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	41.4 (1.63)	42.2 (1.66)	54.61 (120.40)	**ST-125FSR**
1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	47.5 (1.87)	48.3 (1.90)	77.29 (170.40)	**ST-150FSR**
2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	59.4 (2.34)	60.5 (2.38)	116.62 (257.10)	**ST-200FSR**
2-1/2	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	—	72.1 (2.84)	73.2 (2.88)	209.51 (461.90)	**ST-250FSR**
3	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	—	87.9 (3.46)	88.9 (3.50)	232.74 (513.10)	**ST-300FSR**

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Liquidtight Flexible Metal Conduit Connectors with Wire Mesh Strain Relief

STN Types

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Trade Size (Inches)	STD Thread Pipe	Dimensions in Millimeters (Inches) A	Dimensions in Millimeters (Inches) C	Hole Diameter in Millimeters (Inches) Min.	Hole Diameter in Millimeters (Inches) Max	Wall Thickness Min.	Wall Thickness Max	Outside Diameter in Millimeters (Inches) Min.	Outside Diameter in Millimeters (Inches) Max	Weight per 100 kg (lb)	Catalog Number
STN Straight — Insulated											
3/8	1/2"-14"	35.6 (1.44)	28.7 (1.13)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	17.5 (0.69)	18.0 (0.71)	10.61 (23.40)	**STN-38SR**
1/2	1/2"-14"	35.6 (1.44)	31.8 (1.25)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	20.8 (0.82)	21.3 (0.84)	13.93 (30.70)	**STN-50SR**
3/4	3/4"-14"	39.6 (1.56)	38.1 (1.50)	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	26.2 (1.03)	26.7 (1.05)	20.91 (46.10)	**STN-75SR**
1	1"-11-1/2"	44.5 (1.75)	45.9 (1.81)	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	32.8 (1.29)	33.5 (1.32)	26.99 (59.50)	**STN-100SR**
1-1/4	1-1/4"-11-1/2"	66.8 (2.63)	58.7 (2.31)	42.9 (1.69)	45.2 (1.78) 46.7 (1.84)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	41.4 (1.63)	42.2 (1.66)	66.41 (146.40)	**STN-125SR**
1-1/2	1-1/2"-11-1/2"	66.8 (2.63)	66.8 (2.63)	49.3 (1.94)	51.6 (2.03) 53.1 (2.09)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	47.5 (1.87)	48.3 (1.90)	95.57 (210.70)	**STN-150SR**
2	2"-11-1/2"	74.7 (2.94)	81.0 (3.19)	60.7 (2.39)	64.3 (2.53) 65.8 (2.59)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	59.4 (2.34)	60.5 (2.38)	141.57 (312.10)	**STN-200SR**
2-1/2	2-1/2"-8"	92.2 (3.63)	100.1 (3.94)	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	72.1 (2.84)	73.2 (2.88)	257.55 (567.80)	**STN-250SR**
3	3" - 8"	81.0 (3.19)	111.3 (4.38)	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	87.9 (3.46)	88.9 (3.50)	342.24 (754.50)	**STN-300SR**
STN 90° — Insulated											
3/8	1/2"-14"	—	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	17.5 (0.69)	18.0 (0.71)	11.97 (26.40)	**STN-9038SR**
1/2	1/2"-14"	—	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	20.8 (0.82)	21.3 (0.84)	13.93 (30.70)	**STN-9050SR**
3/4	3/4"-14"	—	—	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	26.2 (1.03)	26.7 (1.05)	23.63 (52.10)	**STN-9075SR**
1	1"-11-1/2"	—	—	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	32.8 (1.29)	33.5 (1.32)	45.99 (101.40)	**STN-90100SR**

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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
- ***Class I, Division 2 per NEC 501.10(B)(4)***
- ***Class I, Zone 2 per NEC 505.15(C)(2)***
- ***Class II, Division 1 per NEC 502.10(A)(2)(2)***
- ***Class II, Division 2 per NEC 502.10(B)(2)***

NEC/CEC — Suitable for use in the following Hazardous Locations:
- ***Class III, Division 1 per NEC 503.10(A)(3)(2)***
- ***Class III, Division 2 per NEC 503.10(B)***
- ***Intrinsically Safe per NEC 504.20***

Applications

- For use with liquidtight flexible metal conduit where an external, visible equipment bonding jumper is desired.

Features

- ST-L Series has plain throat.
- STB-L Series has insulated throat to protect against wire damage.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Adequately sized bonded lugs provide excellent grounding continuity and allow for visible ground path inspection.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for outdoor use.
- Full, machined tapered threads (NPT).

Standard Material/Finish

- 3/8" thru 1" straight: steel body and compression nut
- 1-1/4" thru 5" straight: malleable iron body and compression nut
- 3/8" thru 4" 45° and 90°: malleable iron body
- 3/8" thru 1" 45° and 90° caps: steel
- 1-1/4" thru 4" 45° and 90° caps: malleable iron
- 3/8" thru 1" ferrule: steel
- 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder/ zinc electroplate

Certifications and Compliances

- UL Standard: 514B and 467
- UL Listed: E6581
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

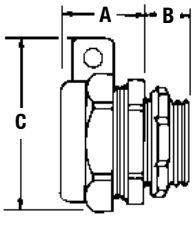


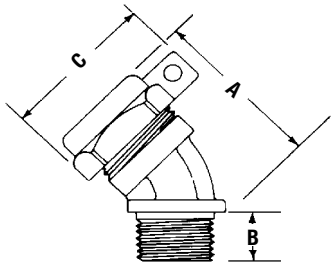
ST–38L

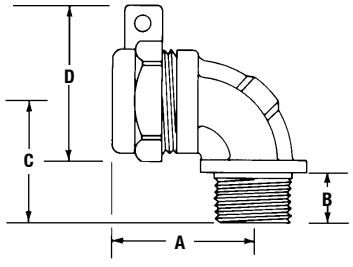
STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
3-1/2	3-1/2
4	4
5	5

Illustrated Dimensions







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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

	Dimensions in Millimeters (Inches)								
	Conduit Size (Inches)	A	B	C	D	Turning Radius Gland Nut	Grounding Lugs Wire Size	Weight per 100 kg (lb)	Catalog Number
Straight									
	3/8 flex, 1/2 hub	22.4 (0.88)	12.7 (0.5)	42.9 (1.69)	—	26.9 (1.06)	14-4	8.62 (19.00)	**ST-38L**
	1/2	22.4 (0.88)	12.7 (0.5)	47.8 (1.88)	—	30.2 (1.19)	14-4	8.16 (18.00)	**ST-50L**
	3/4	25.4 (1.00)	12.7 (0.5)	54.1 (2.13)	—	33.3 (1.31)	14-4	12.70 (28.00)	**ST-75L**
	1	28.7 (1.13)	16.0 (0.63)	60.5 (2.38)	—	36.6 (1.44)	14-4	18.14 (40.00)	**ST-100L**
	1-1/4	33.3 (1.31)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	40.82 (90.00)	**ST-125L**
	1-1/2	35.1 (1.38)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	57.15 (126.00)	**ST-150L**
	2	38.1 (1.50)	16.0 (0.63)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	78.93 (174.00)	**ST-200L**
	2-1/2	49.3 (1.94)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	162.84 (359.00)	**ST-250L**
	3	49.3 (1.94)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	208.20 (459.00)	**ST-300L**
	3-1/2	66.8 (2.63)	28.7 (1.13)	147.6 (5.81)	—	85.9 (3.38)	1-4/0	242.22 (534.00)	**ST-350L**
	4	57.2 (2.25)	31.8 (1.25)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	307.08 (677.00)	**ST-400L**
45°									
	3/8 flex, 1/2 hub	44.5 (1.75)	12.7 (0.50)	42.9 (1.69)	—	26.9 (1.06)	14-4	9.98 (22.00)	**ST-4538L**
	1/2	44.5 (1.75)	14.2 (0.56)	47.8 (1.88)	—	30.2 (1.19)	14-4	9.98 (22.00)	**ST-4550L**
	3/4	52.3 (2.06)	14.2 (0.56)	54.1 (2.13)	—	33.3 (1.31)	14-4	17.24 (38.00)	**ST-4575L**
	1	84.1 (3.31)	12.7 (0.50)	60.5 (2.38)	—	36.6 (1.44)	14-4	23.59 (52.00)	**ST-45100L**
	1-1/4	76.2 (3.00)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	49.44 (109.00)	**ST-45125L**
	1-1/2	79.5 (3.13)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	77.56 (171.00)	**ST-45150L**
	2	95.3 (3.75)	14.2 (0.56)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	15.21 (254.00)	**ST-45200L**
	2-1/2	146.1 (5.75)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	22.02 (269.00)	**ST-45250L**
	3	165.1 (6.50)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	40.44 (971.00)	**ST-45300L**
	4	190.5 (7.50)	30.2 (1.19)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	91.73 (1525.00)	**ST-45400L**
90°									
	3/8 flex, 1/2 hub	36.6 (1.44)	12.7 (0.50)	31.8 (1.25)	27.4 (1.08)	42.9 (1.69)	14-4	11.79 (26.00)	**ST-9038L**
	1/2	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	47.8 (1.88)	30.2 (1.19)	14-4	11.79 (26.00)	**ST-9050L**
	3/4	42.9 (1.69)	12.7 (0.50)	38.1 (1.5)	54.1 (2.13)	33.3 (1.31)	14-4	20.41 (45.00)	**ST-9075L**
	1	47.8 (1.88)	12.7 (0.50)	41.4 (1.63)	60.5 (2.38)	36.6 (1.44)	14-4	30.84 (68.00)	**ST-90100L**
	1-1/4	62.0 (2.44)	14.2 (0.56)	52.3 (2.06)	73.2 (2.88)	44.5 (1.75)	8-1/0	54.43 (120.00)	**ST-90125L**
	1-1/2	66.8 (2.63)	14.2 (0.56)	55.6 (2.19)	82.6 (3.25)	47.8 (1.88)	8-1/0	91.17 (201.00)	**ST-90150L**
	2	82.6 (3.25)	19.1 (0.75)	73.2 (2.88)	95.3 (3.75)	55.6 (2.19)	8-1/0	35.62 (299.00)	**ST-90200L**
	2-1/2	189.0 (7.44)	25.4 (1.00)	181.1 (7.13)	117.6 (4.63)	69.9 (2.75)	1-4/0	840.05 (1852.00)	**ST-90250L**
	3	223.8 (8.81)	28.7 (1.13)	215.9 (8.50)	134.9 (5.31)	77.7 (3.06)	1-4/0	503.03 (1109.00)	**ST-90300L**
	4	289.1 (11.38)	28.7 (1.13)	279.4 (11.00)	165.1 (6.50)	92.2 (3.63)	1-4/0	966.15 (2130.00)	**ST-90400L**

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Liquidtight ST™ Series Plain Throat and STB Series Insulated Throat Connectors and External Grounding Lugs

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

	Dimensions in Millimeters (Inches)								
	Conduit Size (Inches)	A	B	C	D	Turning Radius Gland Nut	Grounding Lugs Wire Size	Weight per 100 kg (lb)	Catalog Number
Straight									
	3/8 flex, 1/2 hub	22.4 (0.88)	12.7 (0.5)	42.9 (1.69)	—	26.9 (1.06)	14-4	8.16 (18.00)	**STB-38L**
	1/2	22.4 (0.88)	12.7 (0.5)	47.8 (1.88)	—	30.2 (1.19)	14-4	8.62 (19.00)	**STB-50L**
	3/4	25.4 (1.00)	12.7 (0.5)	54.1 (2.13)	—	33.3 (1.31)	14-4	3.15 (29.00)	**STB-75L**
	1	28.7 (1.13)	16.0 (0.63)	60.5 (2.38)	—	36.6 (1.44)	14-4	18.14 (40.00)	**STB-100L**
	1-1/4	33.3 (1.31)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	40.82 (90.00)	**STB-125L**
	1-1/2	35.1 (1.38)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	56.70 (125.00)	**STB-150L**
	2	38.1 (1.50)	16.0 (0.63)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	81.19 (179.00)	**STB-200L**
	2-1/2	49.3 (1.94)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	158.30 (349.00)	**STB-250L**
	3	49.3 (1.94)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	208.20 (459.00)	**STB-300L**
	3-1/2	66.8 (2.63)	28.7 (1.13)	147.6 (5.81)	—	85.9 (3.38)	1-4/0	244.49 (539.00)	**STB-350L**
	4	57.2 (2.25)	31.8 (1.25)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	303.00 (668.00)	**STB-400L**
45°									
	3/8 flex, 1/2 hub	44.5 (1.75)	12.7 (0.50)	42.9 (1.69)	—	26.9 (1.06)	14-4	9.53 (21.00)	**STB-4538L**
	1/2	44.5 (1.75)	14.2 (0.56)	47.8 (1.88)	—	30.2 (1.19)	14-4	9.53 (21.00)	**STB-4550L**
	3/4	52.3 (2.06)	14.2 (0.56)	54.1 (2.13)	—	33.3 (1.31)	14-4	16.33 (36.00)	**STB-4575L**
	1	84.1 (3.31)	12.7 (0.50)	60.5 (2.38)	—	36.6 (1.44)	14-4	24.95 (55.00)	**STB-45100L**
	1-1/4	76.2 (3.00)	16.0 (0.63)	73.2 (2.88)	—	44.5 (1.75)	8-1/0	48.99 (108.00)	**STB-45125L**
	1-1/2	79.5 (3.13)	16.0 (0.63)	82.6 (3.25)	—	47.8 (1.88)	8-1/0	75.30 (166.00)	**STB-45150L**
	2	95.3 (3.75)	14.2 (0.56)	95.3 (3.75)	—	55.6 (2.19)	8-1/0	108.41 (239.00)	**STB-45200L**
	2-1/2	146.1 (5.75)	25.4 (1.00)	117.6 (4.63)	—	69.9 (2.75)	1-4/0	348.81 (769.00)	**STB-45250L**
	3	165.1 (6.50)	28.7 (1.13)	134.9 (5.31)	—	77.7 (3.06)	1-4/0	457.67 (1009.00)	**STB-45300L**
	4	190.5 (7.50)	30.2 (1.19)	165.1 (6.50)	—	92.2 (3.63)	1-4/0	822.36 (1813.00)	**STB-45400L**
90°									
	3/8 flex, 1/2 hub	36.6 (1.44)	12.7 (0.50)	31.8 (1.25)	27.4 (1.08)	42.9 (1.69)	14-4	11.79 (26.00)	**STB-9038L**
	1/2	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	47.8 (1.88)	30.2 (1.19)	14-4	12.25 (27.00)	**STB-9050L**
	3/4	42.9 (1.69)	12.7 (0.50)	38.1 (1.5)	54.1 (2.13)	33.3 (1.31)	14-4	19.96 (44.00)	**STB-9075L**
	1	47.8 (1.88)	12.7 (0.50)	41.4 (1.63)	60.5 (2.38)	36.6 (1.44)	14-4	29.03 (64.00)	**STB-90100L**
	1-1/4	62.0 (2.44)	14.2 (0.56)	52.3 (2.06)	73.2 (2.88)	44.5 (1.75)	8-1/0	55.34 (122.00)	**STB-90125L**
	1-1/2	66.8 (2.63)	14.2 (0.56)	55.6 (2.19)	82.6 (3.25)	47.8 (1.88)	8-1/0	89.81 (198.00)	**STB-90150L**
	2	82.6 (3.25)	19.1 (0.75)	73.2 (2.88)	95.3 (3.75)	55.6 (2.19)	8-1/0	132.00 (291.00)	**STB-90200L**
	2-1/2	189.0 (7.44)	25.4 (1.00)	181.1 (7.13)	117.6 (4.63)	69.9 (2.75)	1-4/0	385.10 (849.00)	**STB-90250L**
	3	223.8 (8.81)	28.7 (1.13)	215.9 (8.50)	134.9 (5.31)	77.7 (3.06)	1-4/0	503.03 (1109.00)	**STB-90300L**
	4	289.1 (11.38)	28.7 (1.13)	279.4 (11.00)	165.1 (6.50)	92.2 (3.63)	1-4/0	981.12 (2163.00)	**STB-90400L**

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Aluminum Liquidtight ST™ Series Connectors with Plain Throat

For Liquidtight Flexible Metal Conduit

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

Features

- Lightweight aluminum construction facilitates installation.
- Seals out oil, water, dust, dirt and fumes.
- High corrosion resistance.
- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined tapered threads (NPT).
- Compact design with small turning radius.

Standard Materials

- Copperfree (4/10 of 1% of copper or less) aluminum

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Straight



Trade Size (Inches)	STD Pipe Thread Size	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/8 flex, 1/2 hub	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	101.40 (4.80)	**ST-38AL**
1/2	1/2" - 14"	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	2.04 (4.50)	**ST-50AL**
3/4	3/4" - 14"	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	3.00 (6.60)	**ST-75AL**
1	1" - 11-1/2"	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	4.63 (10.20)	**ST-100AL**
1-1/4	1-1/4" - 11-1/2"	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	11.43 (25.20)	**ST-125AL**
1-1/2	1-1/2" - 11-1/2"	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	16.33 (36.00)	**ST-150AL**
2	2" - 11-1/2"	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	22.45 (49.50)	**ST-200AL**
2-1/2	2-1/2" - 8"	85.9 (3.38)	26.9 (1.06)	100.1 (3.94)	47.63 (105.00)	**ST-250AL**
3	3" - 8"	93.7 (3.69)	30.2 (1.19)	111.3 (4.38)	61.23 (135.00)	**ST-300AL**
4	4" - 8"	101.6 (4.00)	31.8 (1.25)	139.7 (5.50)	90.34 (199.20)	**ST-400AL**

90°



Trade Size (Inches)	Dimensions in Millimeters (Inches) B	C	E	F	Weight per 100 kg (lb)	Catalog Number
3/8 flex, 1/2 hub	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	31.8 (1.25)	3.08 (6.80)	**ST-9038AL**
1/2	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	31.8 (1.25)	3.13 (6.90)	**ST-9050AL**
3/4	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	36.6 (1.44)	5.31 (11.70)	**ST-9075AL**
1	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	35.1 (1.38)	8.44 (18.60)	**ST-90100AL**
1-1/4	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	45.9 (1.81)	5.51 (34.20)	**ST-90125AL**
1-1/2	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	61.9 (2.44)	6.54 (58.50)	**ST-90150AL**
2	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	66.8 (2.63)	9.46 (87.00)	**ST-90200AL**

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Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

Straight and 90° for Liquidtight Flexible Metal Conduit Connections to Sheet Metal Enclosures.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- For use with liquidtight flexible metal conduit in sheet metal enclosure installations.

Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements.
- Ferrule provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Flame resistant, insulating insert recessed into hex-head wedge adapter protects against wire damage, without reduction in throat diameter.
- Space-saving hex-hub wedge adapter fits nearly flush against inside walls of enclosures, providing maximum wiring room.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.

Standard Material/Finish

- 3/8" thru 1" straight: steel
- 1-1/4" thru 4" straight and 3/8" thru 1" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 4" ferrule: aluminum
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

NEC/CEC Compliances and Certification

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

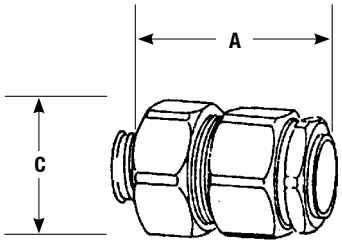


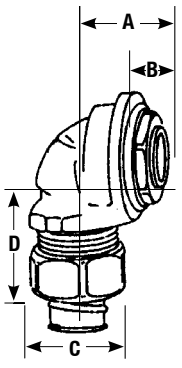
STN–38

STD Conduit Thread Size

Flexible Conduit Size (Inches)	NPT Size
3/8	1/2
1/2	1/2
3/4	3/4
1	1
1-1/4	1-1/4
1-1/2	1-1/2
2	2
2-1/2	2-1/2
3	3
4	4

Illustrated Dimensions





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Liquidtight STN Insulated Connectors for Liquidtight Flexible Metal Conduit

Straight and 90° for Liquidtight Flexible Metal Conduit Connections to Sheet Metal Enclosures.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Millimeters (Inches)

Size (Inches)	Dimensions A	B	C	D	Hole Diameter Min.	Hole Diameter Max	Wall Thickness Min.	Wall Thickness Max	Weight per 100 kg (lb)	Catalog Number
Straight										
3/8	35.6 (1.44)	—	28.7 (1.13)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	8.16 (18.00)	**STN-38**
1/2	35.6 (1.44)	—	31.8 (1.25)	—	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.07 (20.00)	**STN-50**
3/4	39.6 (1.56)	—	38.1 (1.50)	—	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	**STN-75**
1	44.5 (1.75)	—	45.9 (1.81)	—	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	18.51 (40.80)	**STN-100**
Straight										
1-1/4	66.8 (2.63)	—	58.7 (2.31)	—	42.9 (1.69)	45.2 (1.78) 46.7 (1.84)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	56.70 (125.00)	**STN-125**
1-1/2	66.8 (2.63)	—	66.8 (2.63)	—	49.3 (1.94)	51.6 (2.03) 53.1 (2.09)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	83.46 (184.00)	**STN-150**
2	74.7 (2.94)	—	81.0 (3.19)	—	60.7 (2.39)	64.3 (2.53) 65.8 (2.59)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 7.9 (0.31)	127.01 (280.00)	**STN-200**
2-1/2	92.2 (3.63)	—	100.1 (3.94)	—	73.4 (2.89)	76.7 (3.02)	2.3 (0.09)	7.9 (0.31)	230.88 (509.00)	**STN-250**
3	81.0 (3.19)	—	111.3 (4.38)	—	89.4 (3.52)	92.5 (3.64)	2.3 (0.09)	7.9 (0.31)	303.45 (669.00)	**STN-300**
4	106.4 (4.19)	—	139.7 (5.50)	—	114.8 (4.52)	117.6 (4.63)	2.3 (0.09)	7.9 (0.31)	390.09 (860.00)	**STN-400**
90°										
3/8	21.3 (0.84)	11.2 (0.44)	28.7 (1.13)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	9.53 (21.00)	**STN-9038**
1/2	21.3 (0.84)	11.2 (0.44)	31.8 (1.25)	38.1 (1.50)	22.4 (0.88)	23.9 (0.94) 24.6 (0.97)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	13.61 (30.00)	**STN-9050**
3/4	23.9 (0.94)	12.7 (0.5)	38.1 (1.50)	42.9 (1.69)	27.7 (1.09)	29.5 (1.16) 31.0 (1.22)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	16.33 (36.00)	**STN-9075**
1	27.9 (1.10)	17.5 (0.69)	45.9 (1.81)	47.8 (1.88)	34.0 (1.34)	35.8 (1.41) 37.3 (1.47)	1.5 (0.06) 2.3 (0.09)	2.0 (0.08) 6.4 (0.25)	36.29 (80.00)	**STN-90100**

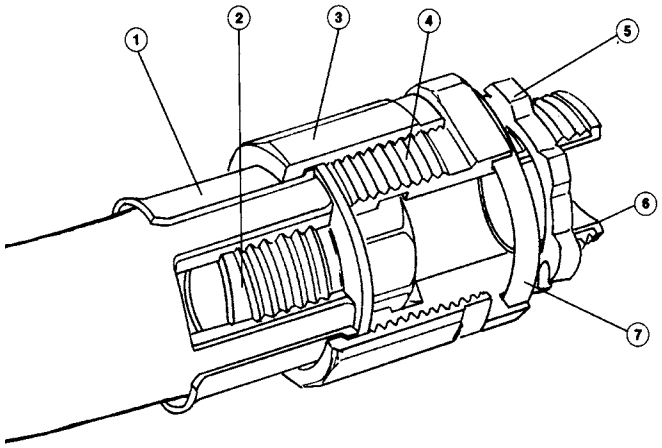
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Liquidtight Flexible Nonmetallic Conduit Connectors

Featuring "Floating Sleeve" Design.

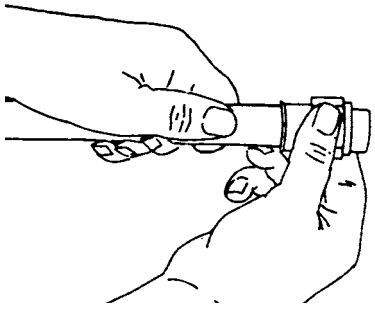
NEC/CEC:
Listed for Ordinary Locations

Illustrated Dimensions

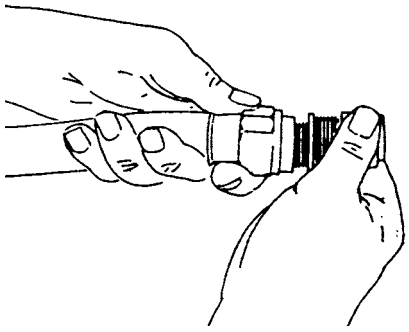


1. Floating sleeve self-aligns to minor conduit variations and protects seal from conduit flexing.
2. Nylon ferrule's deep-biting threads prevent pull-out.
3. Compression nut squeezes conduit tightly between sleeve and ferrule.
4. Connector body prevents conduit from twisting and binding.
5. Locknut bites in for vibration-proof connection.
6. Insulated throat protects conductor insulation.
7. "O" ring forms tight seal to metal surfaces.

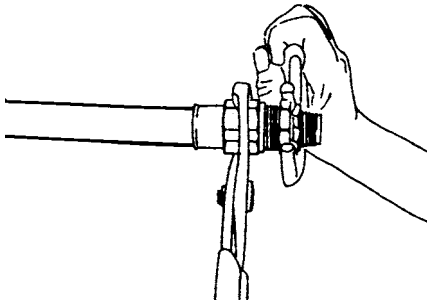
Assembly Instructions



1. Slide compression nut with captive floating sleeve over end of Type A conduit (exposing about one inch of conduit). Sleeve self-aligns to compensate for minor conduit surface irregularities or non-uniform conduit wall thickness. Nut moves freely over sleeve, which doesn't rotate. Nut can't bind...conduit can't twist during assembly or disassembly.



2. Use connector body as "wrench" to thread rugged nylon ferrule into inner wall of conduit. (The octagonal head of the ferrule mates precisely with the matching octagonal recess in the connector body.) The ferrule threads bite deeply into the conduit wall for a positive seal. Provides superior pull-out resistance.



3. Wrench-tighten until nut contacts shoulder on body to complete assembly. This tightly compresses conduit between sleeve and ferrule for a positive liquidtight seal. When tightened, floating sleeve extends beyond compression nut to protect connection from strain of flexing.

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Liquidtight STNM™ Type A Flexible Nonmetallic Conduit Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- STNM™ connectors with exclusive "floating sleeve" reduces installation time when connecting to Type A nonmetallic flexible conduit.

Features

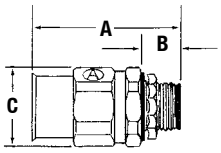
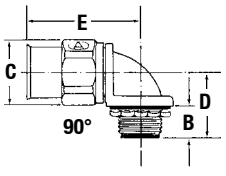
- Eliminates common connection problems and assures a liquidtight, concretetight seal against oil, water, dirt and chemicals.
- The positive, pull out proof seal formed by a STNM™ connector begins with its deep-threaded ferrule that bites into the inner wall of the conduit.
- The sleeve separates the STNM™ series apart from ordinary connectors. The sleeve is held captive within a compression nut that allows it to move freely and self-align with the conduit having a slightly irregular surface or varying wall thickness.
- The nut rides only on the sleeve and not on the conduit. It cannot bend or twist the conduit, and thereby protects wiring. When fully tightened, the flared sleeve extends beyond the nut, providing additional protection from flexing.
- Ease of assembly and disassembly of STNM™ connectors permits make-up of harnesses in advance for fast, simple connections during production line assemblies.
- Available in straight and 90° styles from 3/8" thru 2". Insulated throats are standard on all connectors. Connectors are furnished with locknut and neoprene "O" ring for a liquidtight seal to JIC boxes.

Standard Material/Finish

- Body: zinc plated steel (1-1/4" - 2" malleable iron triple coat: zinc, chromate, epoxy powder coat)
- Compression nut: zinc plated steel (1-1/4" - 2" malleable iron triple coat: zinc, chromate, epoxy powder coat)
- Sleeve: zinc plated steel (all trade sizes)
- Ferrule: nylon
- Wire mesh: stainless steel
- "O" ring: neoprene

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 065178

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	Weight per 100 kg (lb)	Catalog Number
Straight								
	3/8	54.9 (2.16)	15.0 (0.59)	29.5 (1.16)	—	—	10.21 (22.50)	**STNM-38**
	1/2	65.8 (2.59)	15.0 (0.59)	33.3 (1.31)	—	—	14.65 (32.30)	**STNM-50**
	3/4	65.8 (2.59)	15.0 (0.59)	41.4 (1.63)	—	—	20.09 (44.30)	**STNM-75**
	1	73.2 (2.88)	18.3 (0.72)	49.3 (1.94)	—	—	29.03 (64.00)	**STNM-100**
	1-1/4	86.6 (3.41)	19.1 (0.75)	61.2 (2.41)	—	—	53.98 (119.00)	**STNM-125**
	1-1/2	87.4 (3.44)	19.1 (0.75)	70.6 (2.78)	—	—	23.04 (50.80)	**STNM-150**
	2	100.8 (3.97)	19.1 (0.75)	85.9 (3.38)	—	—	107.50 (237.00)	**STNM-200**
90°								
	3/8	-	15.0 (0.59)	29.5 (1.16)	31.8 (1.25)	51.6 (2.03)	13.52 (29.80)	**STNM-9038**
	1/2	-	15.0 (0.59)	33.3 (1.31)	32.5 (1.28)	60.5 (2.38)	17.24 (38.00)	**STNM-9050**
	3/4	-	15.0 (0.59)	41.4 (1.63)	36.6 (1.44)	63.5 (2.50)	24.72 (54.50)	**STNM-9075**
	1	-	18.3 (0.72)	49.3 (1.94)	44.5 (1.75)	69.9 (2.75)	36.74 (81.00)	**STNM-90100**
	1-1/4	-	19.1 (0.75)	61.2 (2.41)	50.0 (1.97)	88.1 (3.47)	69.40 (153.00)	**STNM-90125**
	1-1/2	-	19.1 (0.75)	70.6 (2.78)	57.2 (2.25)	91.2 (3.59)	91.31 (201.30)	**STNM-90150**
	2	-	19.1 (0.75)	85.9 (3.38)	64.3 (2.53)	112.0 (4.41)	141.52 (312.00)	**STNM-90200**
Wire Mesh Strain Relief								
The STNM-SR Series with cap can be substituted for any related trade size STNM™ Series cap to convert it to a connector with a wire mesh strain relief.								
	3/8	—	—	—	—	—	2.45 (5.40)	**STNM-SR38**
	1/2	—	—	—	—	—	5.31 (11.70)	**STNM-SR50**
	3/4	—	—	—	—	—	7.30 (16.10)	**STNM-SR75**
	1	—	—	—	—	—	8.48 (18.70)	**STNM-SR100**
	1-1/4	—	—	—	—	—	9.71 (21.40)	**STNM-SR125**
	1-1/2	—	—	—	—	—	12.11 (26.70)	**STNM-SR150**
	2	—	—	—	—	—	14.56 (32.10)	**STNM-SR200**

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PG and ISO Metric Thread Liquidtight Insulated Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a dependable connection for liquidtight flexible metal conduit.

Features

- Unique long ferrule with more pronounced threads provides over four times UL pull-out requirements. The ferrule also provides maximum surface contact for better sealing and a continuous, permanent, positive metal-to-metal ground.
- Insulated throat protects against wire damage.
- Liquidtight/raintight/oiltight/concretetight.
- Suitable for wet locations.
- Full, machined metric threads.
- Compact design with small turning radius.



PG 3811–STB

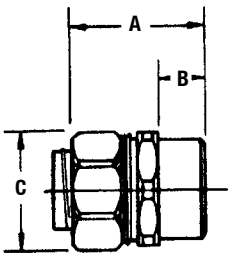
Standard Material/Finish

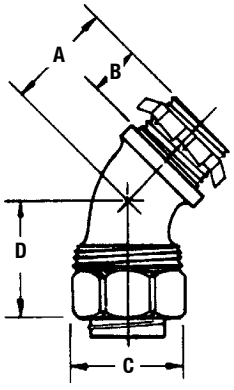
- 3/8" thru 1" straight: steel
- 1-1/4" thru 2" straight and 3/8" thru 2" 90°: malleable iron
- 3/8" thru 1" ferrule: steel; 1-1/4" thru 2" ferrule: aluminum
- Insulators: nylon
- Steel: zinc electroplate
- Malleable iron: zinc electroplate, chromate and epoxy powder coat/zinc electroplate

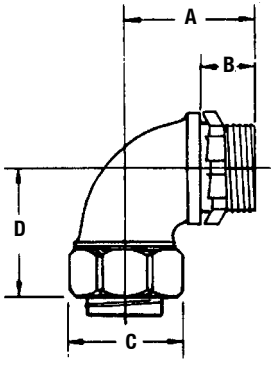
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 65178
- PG Metric Thread — German Industry Std. DIN 40430
- ISO Metric Thread — British Standard BS3643 Part 2

Illustrated Dimensions







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PG and ISO Metric Thread Liquidtight Insulated Connectors

For Liquidtight Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

	Flexible Conduit Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Metric Thread	Weight per 100 kg (lb)	Catalog Number
PG Metric Thread — Straight — Blue Insulators								
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	11	6.80 (15.00)	**PG 3811-STB**
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	13.5	6.80 (15.00)	**PG 3813-STB**
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	16	7.17 (15.80)	**PG 50-STB**
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	21	10.66 (23.50)	**PG 75-STB**
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	29	15.42 (34.00)	**PG 100-STB**
	1-1/4	50.8 (2.00)	16.0 (0.63)	58.7 (2.31)	—	36	38.10 (84.00)	**PG 125-STB**
	1-1/2	57.2 (2.25)	16.0 (0.63)	66.8 (2.63)	—	42	55.57 (122.50)	**PG 150-STB**
	2	63.5 (2.50)	17.5 (0.69)	81.0 (3.19)	—	48	68.04 (150.00)	**PG 200-STB**
45°								
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	11	10.43 (23.00)	**PG45 3811-STB**
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	13.5	10.43 (23.00)	**PG45 3813-STB**
	1/2	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	16	10.89 (24.00)	**PG45 50-STB**
	3/4	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	21	17.69 (39.00)	**PG45 75-STB**
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	45.9 (1.81)	29	28.12 (62.00)	**PG45 100-STB**
	1-1/4	41.4 (1.63)	16.0 (0.63)	58.7 (2.31)	45.9 (1.81)	36	51.71 (114.00)	**PG45 125-STB**
	1-1/2	45.9 (1.81)	16.0 (0.63)	66.8 (2.63)	54.1 (2.13)	42	71.21 (157.00)	**PG45 150-STB**
	2	50.8 (2.00)	17.5 (0.69)	81.0 (3.19)	60.5 (2.38)	48	122.47 (270.00)	**PG45 200-STB**
90°								
	3/8	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	11	10.43 (23.00)	**PG90 3811-STB**
	3/8	31.8 (1.25)	16.0 (0.63)	28.7 (1.13)	38.1 (1.50)	13.5	10.43 (23.00)	**PG90 3813-STB**
	1/2	31.8 (1.25)	16.0 (0.63)	31.8 (1.25)	38.1 (1.50)	16	10.89 (24.00)	**PG90 50-STB**
	3/4	36.6 (1.44)	16.0 (0.63)	38.1 (1.50)	39.6 (1.56)	21	17.69 (39.00)	**PG90 75-STB**
	1	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	29	28.12 (62.00)	**PG90 100-STB**
	1-1/4	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	36	51.71 (114.00)	**PG90 125-STB**
	1-1/2	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	42	71.21 (157.00)	**PG90 150-STB**
	2	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	48	122.47 (270.00)	**PG90 200-STB**

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PG and ISO Metric Thread Liquidtight Insulated Connectors

NEC/CEC:
Listed for Ordinary Locations

	Flexible Conduit Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Metric Thread	Weight per 100 kg (lb)	Catalog Number
ISO Metric Thread — Straight — Green Insulators								
	3/8	36.6 (1.44)	16.0 (0.63)	28.7 (1.13)	—	16	6.35 (14.00)	**ISO 3816-STB**
	1/2	36.6 (1.44)	16.0 (0.63)	31.8 (1.25)	—	20	6.80 (15.00)	**ISO 5020-STB**
	3/4	38.1 (1.50)	16.0 (0.63)	38.1 (1.50)	—	25	9.98 (22.00)	**ISO 7525-STB**
	1	41.4 (1.63)	19.1 (0.75)	45.9 (1.81)	—	32	14.97 (33.00)	**ISO 10032-STB**
45°								
	3/8	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	16	7.71 (17.00)	**ISO45 3816-STB**
	1/2	22.4 (0.88)	16.0 (0.63)	28.7 (1.13)	28.7 (1.13)	20	8.16 (18.00)	**ISO45 5020-STB**
	3/4	22.4 (0.88)	16.0 (0.63)	31.8 (1.25)	28.7 (1.13)	25	16.78 (37.00)	**ISO45 7525-STB**
	1	28.7 (1.13)	16.0 (0.63)	38.1 (1.50)	31.8 (1.25)	32	21.32 (47.00)	**ISO45 10032-STB**
90°								
	3/8	35.1 (1.38)	19.1 (0.75)	45.9 (1.81)	47.8 (1.88)	16	9.98 (22.00)	**ISO90 3816-STB**
	1/2	45.9 (1.81)	16.0 (0.63)	58.7 (2.31)	60.5 (2.38)	20	10.43 (23.00)	**ISO90 5020-STB**
	3/4	61.9 (2.44)	16.0 (0.63)	66.8 (2.63)	81.0 (3.19)	25	21.32 (47.00)	**ISO90 7525-STB**
	1	66.8 (2.63)	17.5 (0.69)	81.0 (3.19)	90.4 (3.56)	32	25.40 (56.00)	**ISO90 10032-STB**

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Liquidtight Accessories

For Liquidtight Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Applications

- STG sealing gaskets: gaskets provide a positive seal between shoulder of connector and sheet metal enclosure.

Features

- STG sealing gaskets in sizes 1/4" and 3/8" are one piece elastomeric gaskets. Size 1/2" thru 2" have unique bonded gasket/retaining-ring assembly for easy installation. Sizes 2-1/2" thru 5" have separate gasket and retaining ring. 1/4" and 3/8" available in thermoplastic material.

	Trade Size (Inches)	Weight per 100 kg (lb)	Catalog Number
Steel Backed Neoprene Sealing Gasket Assembly ①③			
	1/4	0.45 (1.00)	**STG-25** ②
	1/2	0.45 (1.00)	**STG-38** ②
	1/2	0.45 (1.00)	**STG-50**
	3/4	0.45 (1.00)	**STG-75**
	1	0.64 (1.40)	**STG-100**
	1-1/4	1.63 (3.60)	**STG-125**
	1-1/2	2.72 (6.00)	**STG-150**
	2	2.72 (6.00)	**STG-200**
	2-1/2	4.31 (9.50)	**STG-250**
	3	5.44 (12.00)	**STG-300**
	3-1/2	6.35 (14.00)	**STG-350**
	4	6.80 (15.00)	**STG-400**
Patented Replacement Grounding Ferrule ③ *(for use in Appleton™ ST Series only)*			
Steel			
	3/8	0.91 (2.00)	**STF-38**
	1/2	0.91 (2.00)	**STF-50**
	3/4	1.36 (3.00)	**STF-75**
	1	3.63 (8.00)	**STF-100**
Aluminum			
	1-1/4	1.81 (4.00)	**STF-125**
	1-1/2	1.45 (3.20)	**STF-150**
	2	2.72 (6.00)	**STF-200**
	2-1/2	10.43 (23.00)	**STF-250**
	3	7.26 (16.00)	**STF-300**
	3-1/2	22.68 (50.00)	**STF-350**
	4	17.24 (38.00)	**STF-400**

① *Not for use with STN.*
② *Elastomer without steel backing.*
③ *Not UL Listed.*

Standard Material

- STG sealing gaskets: steel retaining ring, neoprene gasket, elastomeric gasket
- STF: 3/8" thru 1": steel; 1-1/4" thru 4": aluminum
- ST-SR: stainless steel

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178 (STG Series)
- NEMA: FB-1

Wire Mesh Strain Relief
The ST-SR Series with cap can be substituted for any related trade size ST Series cap to convert it to a Liquidtight connector with wire mesh strain relief.



Trade Size (Inches)	Weight per 100 kg (lb)	Catalog Number
3/8	2.45 (5.40)	**ST-SR38**
1/2	4.85 (10.70)	**ST-SR50**
3/4	7.30 (16.10)	**ST-SR75**
1	8.48 (18.70)	**ST-SR100**
1-1/4	9.71 (21.40)	**ST-SR125**
1-1/2	12.11 (26.70)	**ST-SR150**
2	14.56 (32.10)	**ST-SR200**
2-1/2	26.67 (58.80)	**ST-SR250**
3	38.78 (85.50)	**ST-SR300**

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4Q Straight Liquidtight Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- To secure, ground and seal liquidtight flexible metal Conduit, Type LFMC, to boxes and enclosures..

Features

- Tapered threaded male hub — NPT
- Compact, slim diameter with small turning radius
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/2" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/4" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Reusable ferrule
- Inspection windows in ferrule to ensure full engagement
- See our patented ferrule wrench which makes ferrule installation easy.

Standard Materials

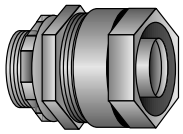
- Malleable iron body and nut
- Steel ferrule

Standard Finishes

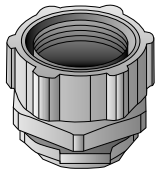
- Zinc electroplated

Options

- Available hot dip/mechanically galvanized.

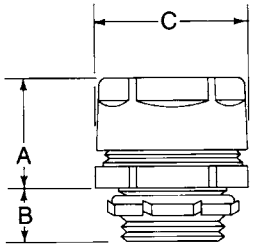


Type 4Q–38 — Type 4Q–200



Type 4Q–250 — Type 4Q–600

Illustrated Dimensions



NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	25.40 (1.00)	12.70 (0.50)	28.70 (1.13)	**4Q-38**	**4Q-38T**
1/2	25.40 (1.00)	12.70 (0.50)	31.75 (1.25)	**4Q-50**	**4Q-50T**
3/4	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	**4Q-75**	**4Q-75T**
1	31.75 (1.25)	16.00 (0.63)	44.45 (1.75)	**4Q-100**	**4Q-100T**
1-1/4	35.05 (1.38)	16.00 (0.63)	63.50 (2.50)	**4Q-125**	**4Q-125T**
1-1/2	35.05 (1.38)	16.00 (0.63)	69.85 (2.75)	**4Q-150**	**4Q-150T**
2	38.10 (1.50)	16.00 (0.63)	82.55 (3.25)	**4Q-200**	**4Q-200T**
2-1/2	50.80 (2.00)	25.40 (1.00)	104.90 (4.13)	**4Q-250**	**4Q-250T**
3	50.80 (2.00)	28.70 (1.13)	123.95 (4.88)	**4Q-300**	**4Q-300T**
3-1/2	57.15 (2.25)	31.75 (1.25)	123.95 (4.88)	**4Q-350**	**4Q-350T**
4	57.15 (2.25)	31.75 (1.25)	155.70 (6.13)	**4Q-400**	**4Q-400T**
5	60.45 (2.38)	28.70 (1.13)	187.45 (7.38)	**4Q-500** ①	**4Q-500T** ①
6	63.50 (2.50)	35.05 (1.38)	219.20 (8.63)	**4Q-600** ①②	**4Q-600T** ①②

① *UL Listing not applicable.*
② *CSA Certification not applicable.*

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4Q Straight Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

Features

- Tapered threaded male hub NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.
- Provided with insulated throat.

Standard Materials

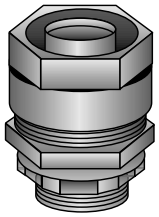
- Malleable iron: body and nut
- Steel ferrule

Standard Finishes

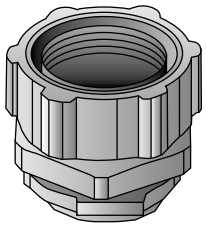
- Malleable iron - galvanized
  Steel ferrule - zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

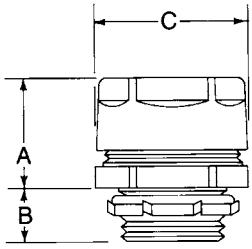


Type 4Q–38TG — Type 4Q–200TG



Type 4Q–250TG — Type 4Q–600TG

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 (1/2 KO)	25.40 (1.00)	12.70 (0.50)	28.70 (1.13)	**4Q-38TG**
1/2	25.40 (1.00)	12.70 (0.50)	31.75 (1.25)	**4Q-50TG**
3/4	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	**4Q-75TG**
1	31.75 (1.25)	16.00 (0.63)	44.45 (1.75)	**4Q-100TG**
1-1/4	35.05 (1.38)	16.00 (0.63)	63.50 (2.50)	**4Q-125TG**
1-1/2	35.05 (1.38)	16.00 (0.63)	69.85 (2.75)	**4Q-150TG**
2	38.10 (1.50)	16.00 (0.63)	82.55 (3.25)	**4Q-200TG**
2-1/2	50.80 (2.00)	25.40 (1.00)	104.90 (4.13)	**4Q-250TG**
3	50.80 (2.00)	28.70 (1.13)	123.95 (4.88)	**4Q-300TG**
3-1/2	57.15 (2.25)	31.75 (1.25)	123.95 (4.88)	**4Q-350TG**
4	57.15 (2.25)	31.75 (1.25)	155.70 (6.13)	**4Q-400TG**
5	60.45 (2.38)	28.70 (1.13)	187.45 (7.38)	**4Q-500TG** ①
6	63.50 (2.50)	35.05 (1.38)	219.20 (8.63)	**4Q-600TG** ①②

① UL Listing not applicable.
② CSA Certification not applicable.

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4Q 45° and 90° Liquidtight Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

Features

- Tapered threaded male hub — NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding Wedge Locknuts are recommended in Hazardous Locations. See 101 Series.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.
- Inspection windows in ferrule to ensure full engagement.

Standard Materials

- Malleable iron: body and nut
- Steel ferrule

Standard Finishes

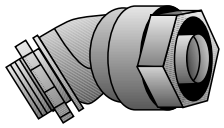
- Zinc electroplated

Options

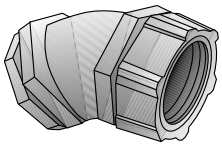
- Available hot dip/mechanically galvanized.

NEC/CEC Certifications and Compliances

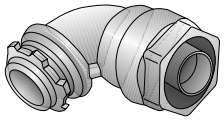
- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1



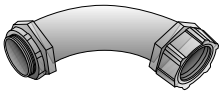
Type 4Q–438 — Type 4Q–4200



Type 4Q–4250 — Type 4Q–4500



Type 4Q–938 — Type 4Q–9200



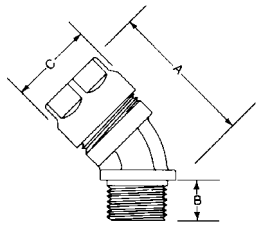
Type 4Q–9250 — Type 4Q–9500

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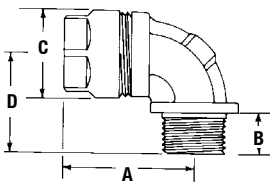
4Q 45° and 90° Liquidtight Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C Dia.	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	**4Q-438**	**4Q-438T**
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	**4Q-450**	**4Q-450T**
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	**4Q-475**	**4Q-475T**
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	**4Q-4100**	**4Q-4100T**
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	**4Q-4125**	**4Q-4125T**
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	**4Q-4150**	**4Q-4150T**
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	**4Q-4200**	**4Q-4200T**
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	**4Q-4250**	**4Q-4250T**
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	**4Q-4300**	**4Q-4300T**
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	**4Q-4400**	**4Q-4400T**
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	**4Q-4500** ①	**4Q-4500T** ①



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	35.05 (1.38)	**4Q-938**	**4Q-938T**
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	35.05 (1.38)	**4Q-950**	**4Q-950T**
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	38.10 (1.50)	**4Q-975**	**4Q-975T**
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	41.40 (1.63)	**4Q-9100**	**4Q-9100T**
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	54.10 (2.13)	**4Q-9125**	**4Q-9125T**
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	57.15 (2.25)	**4Q-9150**	**4Q-9150T**
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	73.15 (2.88)	**4Q-9200**	**4Q-9200T**
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	181.10 (7.13)	**4Q-9250**	**4Q-9250T**
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	215.90 (8.50)	**4Q-9300**	**4Q-9300T**
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	279.40 (11.00)	**4Q-9400**	**4Q-9400T**
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	355.60 (14.00)	**4Q-9500** ①	**4Q-9500T** ①

① *UL Listing not applicable.*

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EMERSON

4Q 45° and 90° Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

Features

- Tapered threaded male hub NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Inspection windows in ferrule to ensure full engagement.
- Provided with insulated throat.

Standard Materials

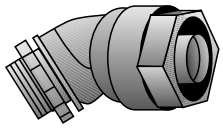
- Malleable iron: body and nut
- Steel ferrule

Standard Finishes

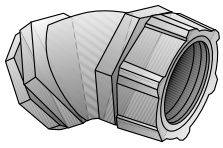
- Malleable iron - galvanized
  Steel ferrule - zinc electroplated

NEC/CEC Certifications and Compliances

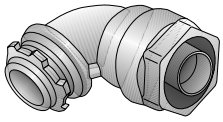
- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1



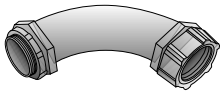
Type 4Q–438TG — Type 4Q–4200TG



Type 4Q–4250TG — Type 4Q–4500TG



Type 4Q–938TG — Type 4Q–9200TG



Type 4Q–9250TG — Type 4Q–9500TG

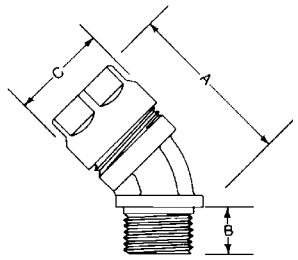
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4Q 45° and 90° Liquidtight Connectors

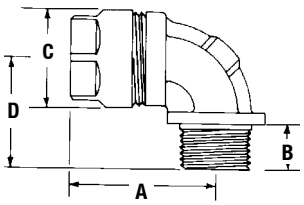
Hot-Dip/Mechanically Galvanized with Insulated Throat

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C Dia.	Catalog Number
3/8 (1/2 KO)	47.75 (1.88)	14.22 (0.56)	28.70 (1.13)	**4Q-438TG**
1/2	47.75 (1.88)	14.22 (0.56)	31.75 (1.25)	**4Q-450TG**
3/4	57.15 (2.25)	14.22 (0.56)	38.10 (1.50)	**4Q-475TG**
1	60.45 (2.38)	12.70 (0.50)	44.45 (1.75)	**4Q-4100TG**
1-1/4	82.55 (3.25)	16.00 (0.63)	57.15 (2.25)	**4Q-4125TG**
1-1/2	85.85 (3.38)	16.00 (0.63)	66.80 (2.63)	**4Q-4150TG**
2	101.60 (4.00)	16.00 (0.63)	76.20 (3.00)	**4Q-4200TG**
2-1/2	146.05 (5.75)	25.40 (1.00)	104.90 (4.13)	**4Q-4250TG**
3	165.10 (6.50)	28.70 (1.13)	123.95 (4.88)	**4Q-4300TG**
4	190.50 (7.50)	31.75 (1.25)	155.70 (6.13)	**4Q-4400TG**
5	203.20 (8.00)	31.75 (1.25)	187.45 (7.38)	**4Q-4500TG** ①



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
3/8 (1/2 KO)	39.62 (1.56)	14.22 (0.56)	28.70 (1.13)	35.05 (1.38)	**4Q-938TG**
1/2	39.62 (1.56)	14.22 (0.56)	31.75 (1.25)	35.05 (1.38)	**4Q-950TG**
3/4	45.97 (1.81)	12.70 (0.50)	38.10 (1.50)	38.10 (1.50)	**4Q-975TG**
1	50.80 (2.00)	12.70 (0.50)	44.45 (1.75)	41.40 (1.63)	**4Q-9100TG**
1-1/4	69.85 (2.75)	16.00 (0.63)	57.15 (2.25)	54.10 (2.13)	**4Q-9125TG**
1-1/2	73.15 (2.88)	16.00 (0.63)	66.80 (2.63)	57.15 (2.25)	**4Q-9150TG**
2	88.90 (3.50)	19.05 (0.75)	76.20 (3.00)	73.15 (2.88)	**4Q-9200TG**
2-1/2	190.50 (7.50)	25.40 (1.00)	104.90 (4.13)	181.10 (7.13)	**4Q-9250TG**
3	225.55 (8.88)	28.70 (1.13)	123.95 (4.88)	215.90 (8.50)	**4Q-9300TG**
4	289.05 (11.38)	28.70 (1.13)	155.70 (6.13)	279.40 (11.00)	**4Q-9400TG**
5	355.60 (14.00)	31.75 (1.25)	187.45 (7.38)	355.60 (14.00)	**4Q-9500TG** ①

① *UL Listing not applicable.*

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4Q–FM Liquidtight Combination Couplings

For Threaded RMC and IMC

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- Secures, grounds and seals liquidtight flexible metal conduit to threaded rigid conduit and IMC.

Features

- Female hub — NPT for connection to threaded conduit
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 11/4" and larger require thread sealant).
- Suitable for grounding through 1-1/4" trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in hazardous locations. See 101 Series.
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Reusable ferrule
- Inspection windows in ferrule to ensure full engagement.

Standard Materials

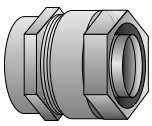
- Malleable iron
- Steel ferrule

Standard Finishes

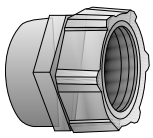
- Zinc plated

Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.

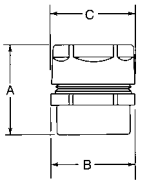


Type 4Q–38FM — Type 4Q–200FM



Type 4Q–250FM — Type 4Q–500FM

Illustrated Dimensions



NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 (1/2 KO)	30.23 (1.19)	28.70 (1.13)	42.93 (1.69)	**4Q-38FM**
1/2	39.62 (1.56)	33.27 (1.31)	31.75 (1.25)	**4Q-50FM**
3/4	41.40 (1.63)	39.62 (1.56)	38.10 (1.50)	**4Q-75FM**
1	45.97 (1.81)	45.97 (1.81)	44.45 (1.75)	**4Q-100FM**
1-1/4	50.80 (2.00)	60.45 (2.38)	63.50 (2.50)	**4Q-125FM**
1-1/2	54.10 (2.13)	66.80 (2.63)	69.85 (2.75)	**4Q-150FM**
2	57.15 (2.25)	82.55 (3.25)	82.55 (3.25)	**4Q-200FM**
2-1/2	82.55 (3.25)	98.55 (3.88)	104.90 (4.13)	**4Q-250FM**
3	85.85 (3.38)	117.60 (4.63)	123.95 (4.88)	**4Q-300FM**
3-1/2	98.55 (3.88)	136.65 (5.38)	123.95 (4.88)	**4Q-350FM**
4	95.25 (3.75)	146.05 (5.75)	155.70 (6.13)	**4Q-400FM**
5	98.55 (3.88)	162.05 (6.38)	187.45 (7.38)	**4Q-500FM** ①

①UL Listing not applicable.

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4Q–WM Wire Mesh Liquidtight Connectors with Wire Mesh Strain Relief

With Wire Mesh Grips and Insulated Throats

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- To secure, ground and seal liquidtight flexible metal conduit to enclosures and prevent conduit pull-out when subject to motion or strain.

Features

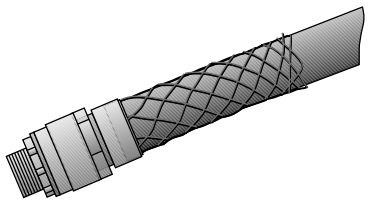
- Tapered threaded male hub NPT
- Furnished with locknut and KO sealing ring.
- Provided with insulated throat
- Wire mesh prevents pull-out and tight end conduit “pop-out”
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1-1/4” and larger require thread sealant).
- Suitable for grounding through 1-1/4” trade size per NEC Section 250.118(7)
- For trade sizes 1-1/2” and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug.
- Bonding wedge locknuts are recommended in Hazardous Locations. See 101.
- Suitable for wet locations
- Inspection windows in ferrule to ensure full conduit engagement
- Stainless steel single weave design.

Standard Materials

- Malleable iron body and nut
- Steel ferrule
- Stainless steel

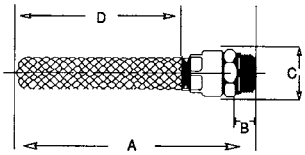
Standard Finishes

- Zinc electroplated
- Wire mesh



Type 4Q–WM

Illustrated Dimensions



Options

- Consult your local representative for 45°, 90°, FM and L (Ground-Tite style) applications.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: 11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed Spec: W-F-406E
- NEMA Standard: FB-1

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
3/8	120.65 (4.75)	12.70 (0.50)	33.27 (1.31)	50.80 (2.00)	**4Q-38WM**
1/2	141.22 (5.56)	14.22 (0.56)	33.27 (1.31)	63.50 (2.50)	**4Q-50WM**
3/4	160.27 (6.31)	14.22 (0.56)	38.10 (1.50)	76.20 (3.00)	**4Q-75WM**
1	190.50 (7.50)	16.00 (0.63)	47.75 (1.88)	82.55 (3.25)	**4Q-100WM**
1-1/4	211.07 (8.31)	17.53 (0.69)	63.50 (2.50)	139.70 (5.50)	**4Q-125WM**
1-1/2	249.17 (9.81)	17.53 (0.69)	63.50 (2.50)	177.80 (7.00)	**4Q-150WM**
2	271.53 (10.69)	19.05 (0.75)	81.03 (3.19)	177.80 (7.00)	**4Q-200WM**
2-1/2	292.10 (11.50)	25.40 (1.00)	104.90 (4.13)	209.55 (8.25)	**4Q-250WM**
3	358.90 (14.13)	28.70 (1.13)	123.95 (4.88)	266.70 (10.5)	**4Q-300WM**
4	403.35 (15.88)	31.75 (1.25)	155.70 (6.13)	304.80 (12.00)	**4Q-400WM**

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4Q Liquidtight Sealing Ring Assemblies

With Wire Mesh Grips and Insulated Throats

NEC/CEC:
Rated for Ordinary Locations

Applications

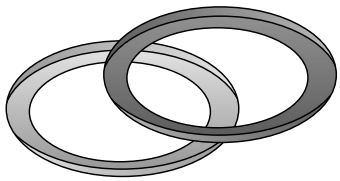
- Provides a positive seal between shoulder of fitting and enclosure

Standard Materials

- Steel Retaining Ring
- Neoprene Gasket

Standard Finishes

- Zinc electroplated



Type 4Q–G

Trade Size (Inches)	Catalog Number ①
3/8 (1/2 KO)	**4QG-50** ②
1/2	**4QG-50**
3/4	**4QG-75**
1	**4QG-100**
1-1/4	**4QG-125**
1-1/2	**4QG-150**
2	**4QG-200**
2-1/2	**4QG-250**
3	**4QG-300**
3-1/2	**4QG-350**
4	**4QG-400**
5	**4QG-500**

① Not UL/CSA Listed.
② May be used with 3/8" trade size fittings with 1/2" Hub Size.

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4Q Straight, 45° and 90° Liquidtight Connectors

Hot-Dip/Mechanically Galvanized with Insulated Throat

NEC/CEC — Suitable for use in the following Hazardous Locations:
- ***Class I, Division 2 per NEC 501.10(B)(4)***
- ***Class I, Zone 2 per NEC 505.15(C)(2)***
- ***Class II, Division 1 per NEC 502.10(A)(2)(2)***
- ***Class II, Division 2 per NEC 502.10(B)(2)***

NEC/CEC — Suitable for use in the following Hazardous Locations:
- ***Class III, Division 1 per NEC 503.10(A)(3)(2)***
- ***Class III, Division 2 per NEC 503.10(B)***
- ***Intrinsically Safe per NEC 504.20***

Type 4Q — TG

Standard zinc electroplated fittings offer more than adequate protection in areas relatively free of highly corrosive fumes and liquids. However, in an atmosphere where severe contaminants are present, a heavy coating of zinc galvanize offers one of the best protections against corrosion. In the processes of hot-dipping or mechanically galvanizing, a large amount of zinc is deposited on the surface of the base metal to a minimum of .002" or about 10 times the usual electroplating thickness.

In the Series 4Q-TG, mechanically galvanized finish is provided on small sizes through 2" on angle connectors and through 4" on straights. Hot-dip galvanized finish is provided on sizes 21/2" and larger on angle connectors and 5" and larger on straights. Mechanical galvanizing provides coating thickness and corrosion protection comparable to the hot-dip process but offers the additional advantage of providing heavy galvanizing on threaded surfaces as well. Mechanical galvanizing meets the performance criteria of ASTM A-153 Class D and B-695 Class 50.

The Process of Mechanical Galvanizing on Smaller Parts Provides:

- Excellent coating uniformity on all surface areas, particularly on threads.
- Complete coating assurance with proper mating of threaded parts.
- A heavier coating than is possible with conventional methods of electroplating.
- Quality and thickness comparable to the hot-dip galvanizing method.
- Favorable comparison with the hot-dip process of parts tested in salt spray and industrial atmospheres.

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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EMERSON

4QS Straight, 45° and 90° Steel Liquidtight Fittings

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Application

- 4QS liquidtight connectors and liquidtight flexible metallic conduit are used in applications where conditions of installation, operation or maintenance require flexibility or protection from liquids, vapors or solids such as: machine tool building, motor and transformer terminations, robotics assembly, air conditioning equipment installation and Class I, Division 2 wiring.

Features

- Tapered threaded male NPT hub.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and sealing ring.
- Liquidtight/Raintight/Oiltight.
- UL Listed liquidtight flexible metal conduit fittings from 3/8" thru 1-1/4" trade sizes are suitable for grounding per NEC 250.118(7).
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.

Standard Material/Finish

- 3/8" thru 1": Straight type steel/zinc plated
- 1-1/4" thru 4": Straight type malleable iron zinc plated
- 45° and 90° Type: Malleable iron zinc plated (all sizes)
- Compression nut: steel/zinc plated (all types and sizes)
- Ferrule: steel/zinc plated
- Sealing ring: nylon

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: 11853
- CSA Standard: C22.2 No.18.3
- CSA Certified: 009795
- NEMA: FB-1

Related Products

- Bonding locknuts are recommended in hazardous locations

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number	Insulated Throat Catalog Number
Straight Type 4QS-38 — Type 4QS-400						
3/8 (1/2 KO)	31.0 (1.22)	38.1 (1.50)	13.7 (0.54)	—	**4QS-38**	**4QS-38T**
1/2	34.5 (1.36)	39.6 (1.56)	13.7 (0.54)	—	**4QS-50**	**4QS-50T**
3/4	41.2 (1.62)	40.6 (1.60)	15.2 (0.60)	—	**4QS-75**	**4QS-75T**
1	48.3 (1.90)	46.7 (1.84)	16.8 (0.66)	—	**4QS-100**	**4QS-100T**
1-1/4	62.5 (2.46)	47.8 (1.88)	18.8 (0.74)	—	**4QS-125**	**4QS-125T**
1-1/2	69.1 (2.72)	52.8 (2.08)	19.3 (0.76)	—	**4QS-150**	**4QS-150T**
2	88.4 (3.48)	58.9 (2.32)	19.3 (0.76)	—	**4QS-200**	**4QS-200T**
2-1/2	97.0 (3.82)	86.1 (3.39)	25.9 (1.02)	—	**4QS-250**	**4QS-250T**
3	116.1 (4.57)	97.0 (3.82)	26.9 (1.06)	—	**4QS-300**	**4QS-300T**
3-1/2	132.8 (5.23)	97.0 (3.82)	27.9 (1.10)	—	**4QS-350**	**4QS-350T**
4	149.1 (5.87)	97.0 (3.82)	29.0 (1.14)	—	**4QS-400**	**4QS-400T**
45° Type 4QS-438 — Type 4QS-4400						
3/8 (1/2 KO)	31.0 (1.22)	30.2 (1.19)	57.7 (2.27)	13.7 (0.54)	**4QS-438**	**4QS-438T**
1/2	34.5 (1.36)	34.3 (1.35)	60.2 (2.37)	13.7 (0.54)	**4QS-450**	**4QS-450T**
3/4	41.1 (1.62)	33.5 (1.32)	64.3 (2.53)	15.2 (0.60)	**4QS-475**	**4QS-475T**
1	48.3 (1.90)	42.2 (1.66)	77.7 (3.06)	16.8 (0.66)	**4QS-4100**	**4QS-4100T**
1-1/4	62.5 (2.46)	51.6 (2.03)	93.0 (3.66)	18.8 (0.74)	**4QS-4125**	**4QS-4125T**
1-1/2	69.1 (2.72)	57.2 (2.25)	100.1 (3.94)	19.3 (0.76)	**4QS-4150**	**4QS-4150T**
2	88.4 (3.48)	68.3 (2.69)	113.0 (4.45)	19.3 (0.76)	**4QS-4200**	**4QS-4200T**
2-1/2	97.0 (3.82)	98.8 (3.89)	175.0 (6.89)	25.9 (1.02)	**4QS-4250**	**4QS-4250T**
3	116.1 (4.57)	111.0 (4.37)	190.0 (7.48)	26.9 (1.06)	**4QS-4300**	**4QS-4300T**
3-1/2	132.8 (5.23)	115.3 (4.54)	198.9 (7.83)	27.9 (1.10)	**4QS-4350**	**4QS-4350T**
4	149.1 (5.87)	121.4 (4.78)	210.1 (8.27)	29.0 (1.14)	**4QS-4400**	**4QS-4400T**
90° Type 4QS-938 — Type 4QS-9400						
3/8 (1/2 KO)	31.0 (1.22)	40.9 (1.61)	35.1 (1.38)	13.7 (0.54)	**4QS-938**	**4QS-938T**
1/2	34.5 (1.36)	39.9 (1.57)	35.6 (1.40)	13.7 (0.54)	**4QS-950**	**4QS-950T**
3/4	41.2 (1.62)	41.4 (1.63)	41.9 (1.65)	15.2 (0.60)	**4QS-975**	**4QS-975T**
1	48.3 (1.90)	52.8 (2.08)	49.3 (1.94)	16.8 (0.66)	**4QS-9100**	**4QS-9100T**
1-1/4	62.5 (2.46)	59.4 (2.34)	52.8 (2.08)	18.8 (0.74)	**4QS-9125**	**4QS-9125T**
1-1/2	69.1 (2.72)	66.0 (2.60)	57.9 (2.28)	19.3 (0.76)	**4QS-9150**	**4QS-9150T**
2	88.4 (3.48)	75.4 (2.97)	65.0 (2.56)	19.3 (0.76)	**4QS-9200**	**4QS-9200T**
2-1/2	97.0 (3.82)	135.9 (5.35)	114.1 (4.49)	25.9 (1.02)	**4QS-9250**	**4QS-9250T**
3	116.1 (4.57)	140.0 (5.51)	121.9 (4.8)	26.9 (1.06)	**4QS-9300**	**4QS-9300T**
3-1/2	132.8 (5.23)	154.9 (6.10)	129.0 (5.08)	27.9 (1.10)	**4QS-9350**	**4QS-9350T**
4	149.1 (5.87)	154.9 (6.10)	135.9 (5.35)	29.0 (1.14)	**4QS-9400**	**4QS-9400T**

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4QSS Straight, 45° and 90° Stainless Steel Liquidtight Connectors

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- 4QSS high grade stainless steel liquidtight connectors and liquidtight flexible metallic conduit are used in applications where conditions of installation, operation or maintenance require flexibility or protection from liquids, vapors or solids such as: machine tool building, motor and transformer terminations, robotics assembly, air conditioning equipment installation and Class I, Division 2 wiring.

Features

- Superior corrosion resistance.
- Liquidtight/Raintight/Oiltight.
- Suitable for wet locations.
- Tapered threaded male NPT hub.
- Furnished with locknut and sealing ring.
- Compact, slim diameter with small turning radius.
- UL Listed liquidtight flexible metal conduit fittings from 3/8" thru 1-1/4" trade sizes are suitable for equipment grounding per NEC article 250.118.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.

Standard Material

- Body and nut 316 grade stainless steel
- Ferrule: Nickel plated steel
- Sealing rings: nylon

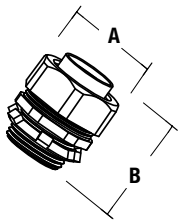
NEC Certifications and Compliances

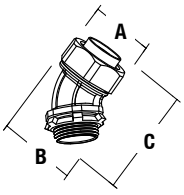
- UL Standard: 514B
- cULus Listed: E-11853
- CSA Standard: C22.2 No.18.3
- NEMA: FB-1

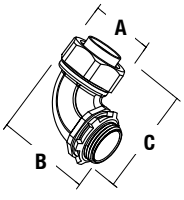
Related Products

- Bonding locknuts are recommended in hazardous locations.

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Insulated Throat Catalog Number
Straight Type 4QSS-38T — Type 4QSS-200T				
3/8	29.2 (1.15)	43.7 (1.72)	—	**4QSS-38T**
1/2	32.5 (1.28)	43.9 (1.73)	—	**4QSS-50T**
3/4	39.4 (1.55)	46.0 (1.81)	—	**4QSS-75T**
1	46.5 (1.83)	46.5 (1.85)	—	**4QSS-100T**
1-1/4	58.4 (2.30)	52.1 (2.05)	—	**4QSS-125T**
1-1/2	64.8 (2.55)	60.4 (2.38)	—	**4QSS-150T**
2	78.7 (3.10)	63.3 (2.49)	—	**4QSS-200T**
45° Type 4QSS-438T — Type 4QSS-4200T				
3/8	29.2 (1.15)	35.3 (1.39)	63.7 (2.51)	**4QSS-438T**
1/2	32.5 (1.28)	38.1 (1.50)	63.7 (2.51)	**4QSS-450T**
3/4	39.4 (1.55)	43.9 (1.73)	68.6 (2.7)	**4QSS-475T**
1	46.5 (1.83)	53.6 (2.11)	77.5 (3.05)	**4QSS-4100T**
1-1/4	58.4 (2.30)	65.0 (2.56)	92.7 (3.65)	**4QSS-4125T**
1-1/2	64.8 (2.55)	70.4 (2.77)	101.9 (4.01)	**4QSS-4150T**
2	78.7 (3.10)	85.9 (3.38)	117.9 (4.64)	**4QSS-4200T**
90° Type 4QSS-938T — Type 4QSS-9200T				
3/8	29.2 (1.15)	49.8 (1.96)	62.7 (2.47)	**4QSS-938T**
1/2	32.5 (1.28)	53.3 (2.10)	64.5 (2.54)	**4QSS-950T**
3/4	39.4 (1.55)	62.2 (2.45)	71.6 (2.82)	**4QSS-975T**
1	46.5 (1.83)	71.9 (2.83)	78.2 (3.08)	**4QSS-9100T**
1-1/4	58.4 (2.30)	80.0 (3.15)	89.7 (3.53)	**4QSS-9125T**
1-1/2	64.8 (2.55)	88.9 (3.50)	106.0 (4.17)	**4QSS-9150T**
2	78.7 (3.10)	102.1 (4.02)	119.1 (4.69)	**4QSS-9200T**







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NEER™ Zinc Straight Liquidtight Connectors

For Liquidtight Flexible Metal Conduit and Type B Nonmetallic Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- Terminate and seal liquidtight flexible metal conduit to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

Features

- Furnished with locknut and sealing ring.
- Liquidtight/raintight/oiltight.
- Suitable for grounding 3/8" thru 1-1/4".
- Suitable for wet locations.

Standard Material

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



LMM–01

Trade Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Body Length	Thread Length	Diameter		
3/8 (1/2 knockout)	37.8 (1.49)	13.5 (0.53)	32.5 (1.28)	**LMM-01**	**LMM-02**
1/2	37.8 (1.49)	13.5 (0.53)	32.5 (1.28)	**LMM-11**	**LMM-12**
3/4	38.9 (1.53)	13.5 (0.53)	39.6 (1.56)	**LMM-21**	**LMM-22**
1	49.5 (1.95)	16.8 (0.66)	46.0 (1.81)	**LMM-31**	**LMM-32**
1-1/4	52.3 (2.06)	17.0 (0.67)	57.2 (2.25)	**LMM-41**	**LMM-42**
1-1/2	52.3 (2.06)	17.0 (0.67)	63.5 (2.50)	**LMM-51**	**LMM-52**
2	51.8 (2.04)	17.0 (0.67)	76.2 (3.00)	**LMM-61**	**LMM-62**
2-1/2	89.9 (3.54)	25.9 (1.02)	93.5 (3.68)	**LMM-71**	**LMM-72**
3	102.9 (4.05)	27.2 (1.07)	111.3 (4.38)	**LMM-81**	**LMM-82**
3-1/2	112.8 (4.44)	27.7 (1.09)	126.5 (4.98)	**LMM-85**	**LMM-86**
4	126.7 (4.99)	29.2 (1.15)	140.7 (5.54)	**LMM-91**	**LMM-92**

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NEER™ Zinc 90° Liquidtight Connectors

For Liquidtight Flexible Metal Conduit and Type B Nonmetallic Conduit.

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)
Class I, Zone 2 per NEC 505.15(C)(2)
Class II, Division 1 per NEC 502.10(A)(2)(2)
Class II, Division 2 per NEC 502.10(B)(2)

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class III, Division 1 per NEC 503.10(A)(3)(2)
Class III, Division 2 per NEC 503.10(B)
Intrinsically Safe per NEC 504.20

Applications

- Terminate and seal liquidtight flexible metal conduit, at 90° angle, to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

Features

- Furnished with locknut and sealing ring.
- Liquidtight/raintight/oiltight.
- Suitable for grounding 3/8" thru 1-1/4".
- Suitable for wet locations.

Standard Material

- Zinc diecast

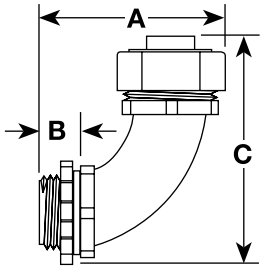
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



LML–01

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 knockout)	54.6 (2.15)	13.5 (0.53)	61.0 (2.40)	**LML-01**	**LML-02**
1/2	54.6 (2.15)	13.5 (0.53)	62.2 (2.45)	**LML-11**	**LML-12**
3/4	61.5 (2.42)	13.5 (0.53)	67.1 (2.64)	**LML-21**	**LML-22**
1	73.7 (2.90)	16.8 (0.66)	84.8 (3.34)	**LML-31**	**LML-32**
1-1/4	86.4 (3.40)	17.0 (0.67)	95.5 (3.76)	**LML-41**	**LML-42**
1-1/2	86.4 (3.40)	17.0 (0.67)	107.2 (4.22)	**LML-51**	**LML-52**
2	109.2 (4.30)	17.0 (0.67)	121.4 (4.78)	**LML-61**	**LML-62**
2-1/2	146.1 (5.75)	26.2 (1.03)	177.8 (7.00)	**LML-71**	**LML-72**
3	152.4 (6.00)	25.1 (0.99)	184.2 (7.25)	**LML-81**	**LML-82**
3-1/2	200.2 (7.88)	30.0 (1.18)	228.6 (9.00)	**LML-85**	**LML-86**
4	222.3 (8.75)	29.7 (1.17)	254.0 (10.00)	**LML-91**	**LML-92**

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NEER™ Nylon Liquidtight Connectors

For Type B Nonmetallic Conduit.

NEC:
Listed for Ordinary Locations

Applications

- Terminate and seal liquidtight flexible Type B nonmetallic conduit, to either oiltight, liquidtight, or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

Features

- All nylon construction resists salt water, weak acids, gasoline, alcohol, oil, grease and common solvents.
- No disassembly required; push the conduit or tubing onto the ferrule, then tighten the domed sealing nut.
- Connectors are reusable.
- Furnished with locknut and sealing ring.
- Suitable for wet locations.
- Liquidtight/raintight/oiltight.

Standard Material

- Nylon: gray

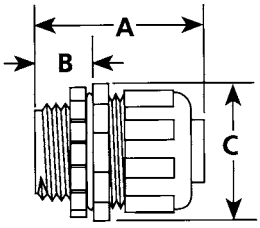
NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



NMM–01

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	Body Length	Thread Length	Diameter	Catalog Number
3/8 (1/2 knockout)	54.4 (2.14)	15.7 (0.62)	36.1 (1.42)	**NMM-01**
1/2	54.1 (2.13)	16.0 (0.63)	36.1 (1.42)	**NMM-11**
3/4	57.2 (2.25)	16.0 (0.63)	42.2 (1.66)	**NMM-21**
1	64.0 (2.52)	19.8 (0.78)	49.0 (1.93)	**NMM-31**

NEC:
Listed for Ordinary Locations

Applications

- Terminate and seal liquidtight flexible Type B nonmetallic conduit at a 90° angle, to either oiltight, liquidtight or raintight box or enclosure.
- Connectors can be used with tapered thread female entry or unthreaded knockout.

Features

- Furnished with locknut and sealing ring.
- Suitable for wet locations.
- Liquidtight/raintight/oiltight.

Standard Material

- Nylon: gray

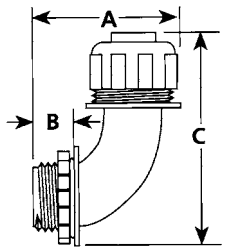
NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



NML–01

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	A	B	C	Catalog Number
3/8 (1/2 knockout)	50.8 (2.00)	12.7 (0.50)	77.7 (3.06)	**NML-01**
1/2	52.6 (2.07)	13.0 (0.51)	81.0 (3.19)	**NML-11**
3/4	57.9 (2.28)	13.0 (0.51)	86.4 (3.40)	**NML-21**
1	73.7 (2.90)	19.6 (0.77)	86.4 (3.40)	**NML-31**

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Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R

Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other atmosphere containing moisture.

Features

- Available in straight or 90°, aluminum or steel construction to meet the requirements of rugged service on all types of equipment and in all non-hazardous areas.
- Color coded identification label clearly states the catalog number and minimum-maximum cable diameter range for which the connector is designed.
- Neoprene sealing grommet firmly but safely grips cable jacket providing strain relief while protecting internal wiring connections against external tension on cable or cord.
- Steel or Teflon* washer reduces friction between grommet and connector cap providing even pressure distribution, eliminating leakage resulting from grommet distortion.
- Large aluminum connectors 1-1/2" thru 4" and all steel connectors are constructed with hex head cap.
- For particularly harsh applications, wire mesh strain reliefs may be used with cord and cable connectors.
- CG Series in aluminum construction is available in straight type from 1/4" thru 4", 90° type from 3/8" thru 1-1/4".
- CG Series in steel construction is available in straight type from 1/4" thru 2" and 90° type from 3/8" thru 1-1/4".
- Silicone free.

Standard Materials

- Aluminum connectors
  - — Straight body: aluminum
  - — 90° body: cast aluminum
  - — Cap: copperfree (4/10 of 1% or less) aluminum
  - — Sealing grommet: neoprene
  - — Washer: steel or Teflon*
  - — Wire mesh strain relief: stainless steel
  - — Cap on wire mesh: copperfree (4/10 of 1% or less) aluminum
- Steel connectors
  - — Straight body: machined steel
  - — 90° body: malleable iron
  - — Cap: machined steel
  - — Sealing grommet: neoprene
  - — Washer: steel or Teflon ①
  - — Wire mesh strain relief: stainless steel
  - — Cap on wire mesh: steel, zinc plate

Options

- PVC coating available on select connectors. Add suffix **-PVC** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178

Related Products

- Locknuts are available, refer to *Commercial Fittings*

Teflon is a registered trademark of E.I. DuPont de Nemours and Co.

Aluminum



Straight



90°

Steel



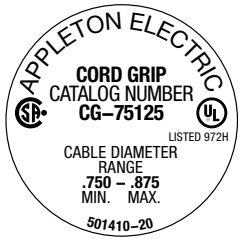
Straight



90°



Wire Mesh Strain Relief for Cord Connectors

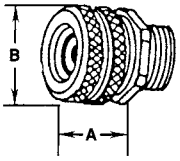


Color coded label

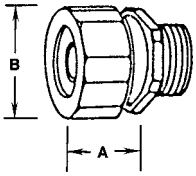
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Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

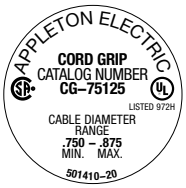
NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R



Aluminum



Steel



Color coded label

Cable Range (Inches)	Color Coded Label	Dimensions — mm (in) A	Dimensions — mm (in) B	Weight Per 100 — kg (lb) Aluminum	Weight Per 100 — kg (lb) Steel	Catalog Number Aluminum	Catalog Number Steel
1/4 Inch Hubs							
0.060—0.156	Purple/Pink	22.4 (0.88)	19.1 (0.75)	—	—	**CG-0625** ②	**CG-0625S** ②
0.156—0.250	Orange/Gray	22.4 (0.88)	19.1 (0.75)	1.68 (3.70)	4.08 (9.00)	**CG-1525** ②	**CG-1525S** ②
3/8 Inch Hubs ④							
0.125—0.187	Red	20.6 (0.81)	23.9 (0.94)	2.54 (5.60)	6.71 (14.80)	**CG-1238** ⑤	**CG-1238S** ⑤
0.187—0.312	Brown	20.6 (0.81)	23.9 (0.94)	2.27 (5.00)	5.99 (13.20)	**CG-1838**	**CG-1838S**
0.312—0.437	Yellow	20.6 (0.81)	23.9 (0.94)	2.54 (5.60)	6.71 (14.80)	**CG-3138**	**CG-3138S**
1/2 Inch Hubs ④							
0.125—0.187	Red	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	**CG-1250** ⑤	**CG-1250S** ⑤
0.187—0.312	Brown	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	**CG-1850**	**CG-1850S**
0.312—0.437	Yellow	20.6 (0.81)	23.9 (0.94)	2.72 (6.00)	7.08 (15.60)	**CG-3150**	**CG-3150S**
0.375—0.500	Purple	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	**CG-3750**	**CG-3750S**
0.500—0.625	Pink	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	**CG-5050**	**CG-5050S**
0.625—0.750	Orange	20.6 (0.81)	31.8 (1.25)	3.63 (8.00)	9.43 (20.80)	**CG6250** ①②	**CG-6250S** ①②
3/4 Inch Hubs ④							
0.187—0.250	Blue	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	**CG-1275**	**CG-1275S**
0.250—0.375	Green	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	**CG-2575**	**CG-2575S**
0.375—0.500	Purple	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	**CG-3775**	**CG-3775S**
0.500—0.625	Pink	22.4 (0.88)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	**CG-5075**	**CG-5075S**
0.625—0.750	Orange	22.4 (0.88)	35.1 (1.38)	4.54 (10.00)	11.79 (26.00)	**CG-6275**	**CG-6275S**
0.750—0.875	Gray	22.4 (0.88)	35.1 (1.38)	4.54 (10.00)	11.79 (26.00)	**CG-7575** ①⑥	**CG-7575S** ① ⑥
1 Inch Hubs ④							
0.375—0.500	Purple	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	**CG-37100**	**CG-37100S**
0.500—0.625	Pink	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	**CG-50100**	**CG-50100S**
0.625—0.750	Orange	23.9 (0.94)	35.1 (1.38)	6.80 (15.00)	17.69 (39.00)	**CG-62100**	**CG-62100S**
0.750—0.875	Gray	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	**CG-75100**	**CG-75100S**
0.875—1.000	Red	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	**CG-87100**	**CG-87100S**
1.000—1.125	Blue	23.9 (0.94)	44.5 (1.75)	6.80 (15.00)	17.69 (39.00)	**CG-100100** ①②	**CG-100100S** ①②
1-1/4 Inch Hubs							
0.750—0.875	Gray	26.9 (1.06)	44.5 (1.75)	10.43 (23.00)	27.22 (60.00)	**CG-75125**	**CG-75125S**
0.875—1.000	Red	26.9 (1.06)	44.5 (1.75)	11.34 (25.00)	29.48 (65.00)	**CG-87125**	**CG-87125S**
1.000—1.125	Blue	26.9 (1.06)	54.1 (2.13)	11.34 (25.00)	29.48 (65.00)	**CG-100125**	**CG-100125S**
1.125—1.250	Brown	26.9 (1.06)	54.1 (2.13)	11.34 (25.00)	29.48 (65.00)	**CG-112125** ⑦	**CG-112125S** ⑦
1.250—1.375	Green	26.9 (1.06)	54.1 (2.13)	9.98 (22.00)	25.85 (57.00)	**CG-125125** ①②	**CG-125125S** ①②
1.375—1.500	Yellow	26.9 (1.06)	54.1 (2.13)	9.07 (20.00)	23.59 (52.00)	**CG-137125** ①②	**CG-137125S** ①②
1-1/2 Inch Hubs							
1.156—1.312	—	49.3 (1.94)	55.6 (2.19)	14.11 (31.10)	41.73 (92.00)	**CG-115150**	**CG-115150S**
1.281—1.531	—	66.8 (2.63)	65.0 (2.56)	27.76 (61.20)	72.57 (160.00)	**CG-128150** ③	**CG-128150S**
2 Inch Hubs							
1.531—1.780	—	62.0 (2.44)	76.2 (3.00)	43.09 (95.00)	104.33 (230.00)	**CG-153200** ②	**CG-153200S**
1.650—2.000	—	62.0 (2.44)	81.0 (3.19)	45.36 (100.00)	—	**CG-165200** ③	—
2-1/2 Inch Hubs							
2.000—2.343	—	77.7 (3.06)	87.4 (3.44)	64.09 (141.30)	—	**CG-200250** ③	—
2.250—2.500	—	77.7 (3.06)	93.7 (3.69)	64.36 (141.90)	—	**CG-225250** ③	—
3 Inch Hubs							
2.500—2.843	—	77.7 (3.06)	103.1 (4.06)	89.04 (196.30)	—	**CG-250300** ③	—
2.687—3.062	—	82.6 (3.25)	114.3 (4.50)	116.26 (256.30)	—	**CG-268300** ③	—
3-1/2 Inch Hubs ②							
3.000—3.390	—	82.6 (3.25)	120.7 (4.75)	96.39 (212.50)	—	**CG-300350**	—
3.281—3.515	—	82.6 (3.25)	127.0 (5.00)	102.06 (225.00)	—	**CG-328350**	—
4 Inch Hubs ②							
3.500—3.843	—	82.6 (3.25)	133.4 (5.25)	124.74 (275.00)	—	**CG-350400**	—
3.750—4.000	—	82.6 (3.25)	139.7 (5.50)	133.27 (293.80)	—	**CG-375400**	—

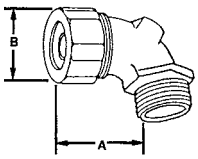
① *Remove sufficient outer covering of cord or cable to pass conductors through connector body.*
② *Not UL.*
③ *Not CSA.*
④ *UL Recognized.*
⑤ *Not UL below cable O.D. 0.187".*
⑥ *Not UL above cable O.D. 0.812".*
⑦ *Not UL above cable O.D. 1.180".*

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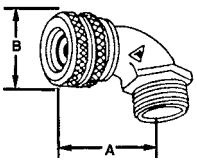
EMERSON

Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

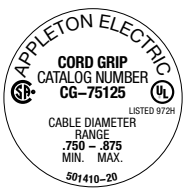
NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R



Steel



Aluminum



Color coded label

Cable Range (Inches)	Color Coded Label	Dimensions — mm (in) A	Dimensions — mm (in) B	Weight Per 100 — kg (lb) Aluminum	Weight Per 100 — kg (lb) Steel	Catalog Number Aluminum	Catalog Number Steel
3/8 Inch Hubs							
0.125—0.187 ④⑤	Red	41.4 (1.63)	23.9 (0.94)	5.90 (13.00)	15.42 (34.00)	**CG90-1238** ⑤	**CG90-1238S** ⑤
0.187—0.312	Brown	41.4 (1.63)	23.9 (0.94)	3.18 (7.00)	8.35 (18.40)	**CG90-1838**	**CG90-1838S**
0.312—0.437	Yellow	41.4 (1.63)	23.9 (0.94)	3.18 (7.00)	8.35 (18.40)	**CG90-3138** ①	**CG90-3138S** ①
1/2 Inch Hubs ④							
0.187—0.250 ②	Blue	41.4 (1.63)	31.8 (1.25)	5.90 (13.00)	15.42 (34.00)	**CG90-1250**	**CG90-1250S**
0.250—0.375	Green	41.4 (1.63)	31.8 (1.25)	5.90 (13.00)	15.42 (34.00)	**CG90-2550**	**CG90-2550S**
0.375—0.500	Purple	41.4 (1.63)	31.8 (1.25)	5.44 (12.00)	14.15 (31.20)	**CG90-3750**	**CG90-3750S**
0.500—0.625	Pink	38.1 (1.5)	31.8 (1.25)	4.54 (10.00)	11.79 (26.00)	**CG90-5050** ①	**CG90-5050S** ①
0.625—0.750	Orange	38.1 (1.5)	31.8 (1.25)	5.44 (12.00)	14.15 (31.20)	**CG90-6250** ①②	**CG90-6250S** ①②
3/4 Inch Hubs ④							
0.250—0.375	Green	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	**CG90-2575**	**CG90-2575S**
0.375—0.500	Purple	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	**CG90-3775**	**CG90-3775S**
0.500—0.625	Pink	44.5 (1.75)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	**CG90-5075**	**CG90-5075S**
0.625—0.750	Orange	41.4 (1.63)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	**CG90-6275** ①②	**CG90-6275S** ①②
0.750—0.875	Gray	41.4 (1.63)	35.1 (1.38)	7.26 (16.00)	18.87 (41.60)	**CG90-7575** ①⑥	**CG90-7575S** ①⑥
1 Inch Hubs ④							
0.625—0.750	Orange	55.6 (2.19)	44.5 (1.75)	11.79 (26.00)	30.66 (67.60)	**CG90-62100**	**CG90-62100S**
0.750—0.875	Gray	55.6 (2.19)	44.5 (1.75)	18.14 (40.00)	47.17 (104.00)	**CG90-75100**	**CG90-75100S**
0.875—1.000	Red	55.6 (2.19)	44.5 (1.75)	11.34 (25.00)	29.48 (65.00)	**CG90-87100** ①	**CG90-87100S** ①
1.000—1.125	Blue	55.6 (2.19)	44.5 (1.75)	11.79 (26.00)	30.66 (67.60)	**CG90-100100** ①	**CG90-100100S** ①
1-1/4 Inch Hubs							
0.750—0.875	Gray	65.0 (2.56)	54.1 (2.13)	18.14 (40.00)	47.17 (104.00)	**CG90-75125**	**CG90-75125S**
0.875—1.000	Red	65.0 (2.56)	54.1 (2.13)	18.60 (41.00)	48.35 (106.60)	**CG90-87125**	**CG90-87125S**
1.000—1.125	Blue	65.0 (2.56)	54.1 (2.13)	17.69 (39.00)	45.99 (101.40)	**CG90-100125**	**CG90-100125S**
1.125—1.250	Brown	62.0 (2.44)	54.1 (2.13)	17.24 (38.00)	44.81 (98.80)	**CG90-112125** ①③	**CG90-112125S** ①③
1.250—1.375	Green	62.0 (2.44)	54.1 (2.13)	27.22 (60.00)	70.76 (156.00)	**CG90-125125** ①②	**CG90-125125S** ①②
1.375—1.500	Yellow	62.0 (2.44)	54.1 (2.13)	15.88 (35.00)	41.28 (91.00)	**CG90-137125** ①②	**CG90-137125S** ①②

① Remove sufficient outer covering of cord or cable to pass conductors through connector body.
② Not UL.
③ Not CSA. Not UL below cable O.D. 1.180".
④ UL Recognized.
⑤ Not UL below cable O.D. 0.187".
⑥ Not UL above cable O.D. 0.812".

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Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Replacement Glands

NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R

Not to be used with stainless steel and nickle plated aluminum CG connectors



For Use With Straight Connectors	For Use With 90º Connectors	Cable Range (Inches)	Weight Per 100 kg (lb)	Catalog Number ①
For Connectors with 3/8 Inch Hubs				
CG-1238	CG90-1238	0.125—0.187 ②	1.13 (2.50)	**CGG-221** ②
CG-1838	CG90-1838	0.187—0.312	0.86 (1.90)	**CGG-222**
CG-3138	CG90-3138	0.312—0.437	0.59 (1.30)	**CGG-223**
For Connectors with 1/2 Inch Hubs				
CG-1250	—	0.125—0.187	1.13 (2.50)	**CGG-221** ②
—	CG90-1250	0.187—0.250	0.86 (1.90)	**CGG-271**
CG-1850	—	0.187—0.312	0.86 (1.90)	**CGG-222**
—	CG90-2550	0.250—0.375	0.59 (1.30)	**CGG-272**
CG-3150	—	0.312—0.437	0.59 (1.30)	**CGG-223**
CG-3750	CG90-3750	0.375—0.500	0.86 (1.90)	**CGG-273**
CG-5050	CG90-5050	0.500—0.625	0.59 (1.30)	**CGG-274**
CG-6250	CG90-6250	0.625—0.750	0.45 (1.00)	**CGG-275**
For Connectors with 3/4 Inch Hubs				
CG-1275	—	0.187—0.250	0.86 (1.90)	**CGG-271**
CG-2575	—	0.250—0.375	0.59 (1.30)	**CGG-272**
—	CG90-2575	0.250—0.375	0.59 (1.30)	**CGG-325**
CG-3775	—	0.375—0.500	0.86 (1.90)	**CGG-273**
—	CG90-3775	0.375—0.500	0.86 (1.90)	**CGG-321**
CG-5075	—	0.500—0.625	0.59 (1.30)	**CGG-274**
—	CG90-5075	0.500—0.625	0.59 (1.30)	**CGG-322**
CG-6275	CG90-6275	0.625—0.750	0.45 (1.00)	**CGG-323**
CG-7575	CG90-7575	0.750—0.875	0.45 (1.00)	**CGG-324**
For Connectors with 1 Inch Hubs				
CG-37100	—	0.375—0.500	0.86 (1.90)	**CGG-321**
CG-50100	—	0.500—0.625	0.59 (1.30)	**CGG-322**
CG-62100	—	0.625—0.750	0.45 (1.00)	**CGG-323**
—	CG90-62100	0.625—0.750	0.45 (1.00)	**CGG-374**
CG-75100	CG90-75100	0.750—0.875	1.32 (2.90)	**CGG-371**
CG-87100	CG90-87100	0.875—1.000	1.13 (2.50)	**CGG-372**
CG-100100	CG90-100100	1.000—1.125	1.00 (2.20)	**CGG-373**
For Connectors with 1-1/4 Inch Hubs				
CG-75125	—	0.750—0.875	1.32 (2.90)	**CGG-371**
—	CG90-75125	0.750—0.875	1.32 (2.90)	**CGG-425**
CG-87125	—	0.875—1.000	1.13 (2.50)	**CGG-372**
—	CG90-87125	0.875—1.000	1.13 (2.50)	**CGG-426**
CG-100125	CG90-100125	1.000—1.125	1.00 (2.20)	**CGG-421**
CG-112125	CG90-112125	1.125—1.250	0.86 (1.90)	**CGG-422**
CG-125125	CG90-125125	1.250—1.375	0.73 (1.60)	**CGG-423**
CG-137125	CG90-137125	1.375—1.500	0.59 (1.30)	**CGG-424**

① *For Steel Backed Neoprene Sealing Gaskets and Steel Gasketed Sealing Locknuts, see Commercial Fittings.*
② *Not UL Listed below cable O.D. 0.187"*

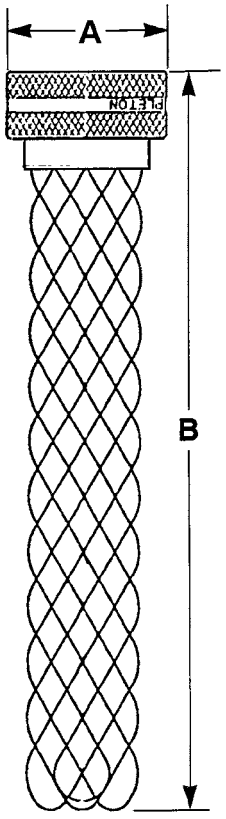
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Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Aluminum Wire Mesh Strain Relief

NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R

Not to be used with stainless steel and nickle plated aluminum CG connectors



For Aluminum Cord Connectors		Dimensions– mm (in)		Weight Per 100	
CG–Straight	CG–90°	A	B	kg (lb)	Catalog Number
For Connectors with 3/8 Inch Hubs					
CG-1238	CG90-1238	23.9 (0.94)	92.20 (3.63)	2.40 (5.40)	**CG-SR1**
CG-1838	CG90-1838	23.9 (0.94)	111.30 (4.38)	2.40 (5.40)	**CG-SR2**
CG-3138	CG90-3138	23.9 (0.94)	139.70 (5.50)	2.40 (5.40)	**CG-SR3**
For Connectors with 1/2 Inch Hubs					
CG-1250	—	23.90 (0.94)	92.20 (3.63)	5.30 (11.70)	**CG-SR1**
—	CG90-1250	31.80 (1.25)	111.30 (4.38)	5.30 (11.70)	**CG-SR4**
CG-1850	—	23.90 (0.94)	111.30 (4.38)	5.30 (11.70)	**CG-SR2**
—	CG90-2550	31.80 (1.25)	139.70 (5.50)	5.30 (11.70)	**CG-SR5**
CG-3150	—	23.90 (0.94)	139.70 (5.50)	5.30 (11.70)	**CG-SR3**
CG-3750	CG90-3750	31.80 (1.25)	155.70 (6.13)	5.30 (11.70)	**CG-SR6**
CG-5050	CG90-5050	31.80 (1.25)	174.80 (6.88)	5.30 (11.70)	**CG-SR7**
CG-6250	CG90-6250	31.80 (1.25)	238.30 (9.38)	5.30 (11.70)	**CG-SR8**
For Connectors with 3/4 Inch Hubs					
CG-1275	—	31.80 (1.25)	111.30 (4.38)	7.30 (16.10)	**CG-SR4**
CG-2575	—	31.80 (1.25)	139.70 (5.50)	7.30 (16.10)	**CG-SR5**
—	CG90-2575	35.10 (1.38)	104.90 (4.13)	7.30 (16.10)	**CG-SR9**
CG-3775	—	31.80 (1.25)	155.70 (6.13)	7.30 (16.10)	**CG-SR6**
—	CG90-3775	35.10 (1.38)	139.70 (5.50)	7.30 (16.10)	**CG-SR10**
CG-5075	—	31.80 (1.25)	174.80 (6.88)	7.30 (16.10)	**CG-SR7**
—	CG90-5075	35.10 (1.38)	162.10 (6.38)	7.30 (16.10)	**CG-SR11**
CG-6275	CG90-6275	35.10 (1.38)	212.90 (8.38)	7.30 (16.10)	**CG-SR12**
CG-7575	CG90-7575	35.10 (1.38)	231.90 (9.13)	7.30 (16.10)	**CG-SR13**
For Connectors with 1 Inch Hubs					
CG-37100	—	35.10 (1.38)	139.70 (5.50)	8.50 (18.70)	**CG-SR10**
CG-50100	—	35.10 (1.38)	162.10 (6.38)	8.50 (18.70)	**CG-SR11**
CG-62100	—	35.10 (1.38)	212.90 (8.38)	8.50 (18.70)	**CG-SR12**
—	CG90-62100	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	**CG-SR14**
CG-75100	CG90-75100	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	**CG-SR15**
CG-87100	CG90-87100	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	**CG-SR16**
CG-100100	CG90-100100	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	**CG-SR17**
For Connectors with 1-1/4 Inch Hubs					
CG-75125	—	44.50 (1.75)	230.10 (9.06)	9.70 (21.40)	**CG-SR15**
—	CG90-75125	54.10 (2.13)	227.10 (8.94)	9.70 (21.40)	**CG-SR18**
CG-87125	—	44.50 (1.75)	201.70 (7.94)	9.70 (21.40)	**CG-SR16**
—	CG90-87125	54.10 (2.13)	201.70 (7.94)	9.70 (21.40)	**CG-SR19**
CG-100125	CG90-100125	54.10 (2.13)	220.70 (8.69)	9.70 (21.40)	**CG-SR20**
CG-112125	CG90-112125	54.10 (2.13)	236.50 (9.31)	9.70 (21.40)	**CG-SR21**
CG-125125	CG90-125125	54.10 (2.13)	293.60 (11.56)	9.70 (21.40)	**CG-SR22**
CG-137125	CG90-137125	54.10 (2.13)	274.60 (10.81)	9.70 (21.40)	**CG-SR23**

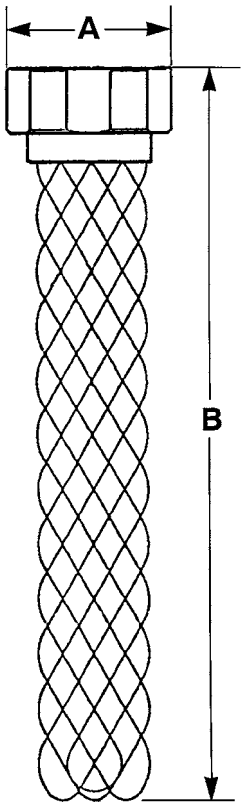
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Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Aluminum Wire Mesh Strain Relief

NEC/CEC — Suitable for use in:
Class I, Division 2
Class II, Division 1 and 2
Class III,
NEMA 3R

Not to be used with stainless steel and nickle plated aluminum CG connectors



Steel Cord Connectors		Dimensions– mm (in)		Weight Per 100	Catalog
CG–Straight	CG–90°	A	B	kg (lb)	Number
For Connectors with 3/8 Inch Hubs					
CG-1238S	CG90-1238S	23.90 (0.94)	92.20 (3.63)	2.40 (5.40)	**CG-SR1S**
CG-1838S	CG90-1838S	23.90 (0.94)	111.30 (4.38)	2.40 (5.40)	**CG-SR2S**
CG-3138S	CG90-3138S	23.90 (0.94)	139.70 (5.50)	2.40 (5.40)	**CG-SR3S**
For Connectors with 1/2 Inch Hubs					
CG-1250S	—	23.90 (0.94)	92.20 (3.63)	5.30 (11.70)	**CG-SR1S**
—	CG90-1250S	31.80 (1.25)	111.30 (4.38)	5.30 (11.70)	**CG-SR4S**
CG-1850S	—	23.90 (0.94)	111.30 (4.38)	5.30 (11.70)	**CG-SR2S**
—	CG90-2550S	31.80 (1.25)	139.70 (5.50)	5.30 (11.70)	**CG-SR5S**
CG-3150S	—	23.90 (0.94)	139.70 (5.50)	5.30 (11.70)	**CG-SR3S**
CG-3750S	CG90-3750S	31.80 (1.25)	155.70 (6.13)	5.30 (11.70)	**CG-SR6S**
CG-5050S	CG90-5050S	31.80 (1.25)	174.80 (6.88)	5.30 (11.70)	**CG-SR7S**
CG-6250S	CG90-6250S	31.80 (1.25)	238.30 (9.38)	5.30 (11.70)	**CG-SR8S**
For Connectors with 3/4 Inch Hubs					
CG-1275S	—	31.80 (1.25)	111.30 (4.38)	7.30 (16.10)	**CG-SR4S**
CG-2575S	—	31.80 (1.25)	139.70 (5.50)	7.30 (16.10)	**CG-SR5S**
—	CG90-2575S	35.10 (1.38)	104.90 (4.13)	7.30 (16.10)	**CG-SR9S**
CG-3775S	—	31.80 (1.25)	155.70 (6.13)	7.30 (16.10)	**CG-SR6S**
—	CG90-3775S	35.10 (1.38)	139.70 (5.50)	7.30 (16.10)	**CG-SR10S**
CG-5075S	—	31.80 (1.25)	174.80 (6.88)	7.30 (16.10)	**CG-SR7S**
—	CG90-5075S	35.10 (1.38)	162.10 (6.38)	7.30 (16.10)	**CG-SR11S**
CG-6275S	CG90-6275S	35.10 (1.38)	212.90 (8.38)	7.30 (16.10)	**CG-SR12S**
CG-7575S	CG90-7575S	35.10 (1.38)	231.90 (9.13)	7.30 (16.10)	**CG-SR13S**
For Connectors with 1 Inch Hubs					
CG-37100S	—	35.10 (1.38)	139.70 (5.50)	8.50 (18.70)	**CG-SR10S**
CG-50100S	—	35.10 (1.38)	162.10 (6.38)	8.50 (18.70)	**CG-SR11S**
CG-62100S	—	35.10 (1.38)	212.90 (8.38)	8.50 (18.70)	**CG-SR12S**
—	CG90-62100S	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	**CG-SR14S**
CG-75100S	CG90-75100S	44.50 (1.75)	230.10 (9.06)	8.50 (18.70)	**CG-SR15S**
CG-87100S	CG90-87100S	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	**CG-SR16S**
CG-100100S	CG90-100100S	44.50 (1.75)	201.70 (7.94)	8.50 (18.70)	**CG-SR17S**
For Connectors with 1-1/4 Inch Hubs					
CG-75125S	—	44.50 (1.75)	230.10 (9.06)	9.70 (21.40)	**CG-SR15S**
—	CG90-75125S	54.10 (2.13)	227.10 (8.94)	9.70 (21.40)	**CG-SR18S**
CG-87125S	—	44.50 (1.75)	201.70 (7.94)	9.70 (21.40)	**CG-SR16S**
—	CG90-87125S	54.10 (2.13)	201.70 (7.94)	9.70 (21.40)	**CG-SR19S**
CG-100125S	CG90-100125S	54.10 (2.13)	220.70 (8.69)	9.70 (21.40)	**CG-SR20S**
CG-112125S	CG90-112125S	54.10 (2.13)	236.50 (9.31)	9.70 (21.40)	**CG-SR21S**
CG-125125S	CG90-125125S	54.10 (2.13)	293.60 (11.56)	9.70 (21.40)	**CG-SR22S**
CG-137125S	CG90-137125S	54.10 (2.13)	274.60 (10.81)	9.70 (21.40)	**CG-SR23S**

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Grip–Tite® Strain Relief Connectors

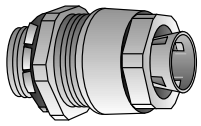
NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure and seal cords or cables entering enclosures or raceways.

Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
- Dual-grommet style - for over 1" dia. cord range. Removable insert allows for wider range of cable diameters within single fitting.
- Simple installation, cord can be installed without disassembly of the fitting.
- Liquidtight/Oiltight/Raintight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 11/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).
- Suitable for NEMA 4 enclosures and other wet locations
- Male tapered thread NPT.
- Slim diameter profile allows close spacing between connectors.
- Furnished complete with sealing ring and locknut.
- Colored gripper allows for easy identification.



Straight
Type SR–50–250

Standard Materials

- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

Standard Finishes

- Body, gland nut and locknut — zinc plated

Options

- Mechanical Galvanized. Contact your local representative.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Hub Size (Inches)	Dimensions in Millimeters (Inches) Cord Range Min.	Cord Range Max.	Style	Color	Dimensions in Millimeters (Inches) Throat I.D.	Body Length	Max. Dia.	Catalog Number
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-50-250**
1/2	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-50-375**
1/2	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-50-500**
1/2	12.70 (0.50)	16.00 (0.63)		Brown	15.49 (0.61) ①	31.75 (1.25)	35.05 (1.38)	**SR-50-625** ①
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-75-250**
3/4	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-75-375**
3/4	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	**SR-75-500**
3/4	12.70 (0.50)	16.00 (0.63)		Brown	19.05 (0.75)	31.75 (1.25)	35.05 (1.38)	**SR-75-625**
3/4	16.00 (0.63)	19.05 (0.75)		Yellow	19.81 (0.78)	31.75 (1.25)	38.10 (1.50)	**SR-75-750**
3/4	19.05 (0.75)	22.35 (0.88)		Purple	20.57 (0.81) ①	31.75 (1.25)	44.45 (1.75)	**SR-75-875** ①
1	16.00 (0.63)	19.05 (0.75)	Grip-Tite	Yellow	19.81 (0.78)	31.75 (1.25)	44.45 (1.75)	**SR-100-750**
1	19.05 (0.75)	22.35 (0.88)		Purple	24.38 (0.96)	31.75 (1.25)	44.45 (1.75)	**SR-100-875**
1	22.35 (0.88)	25.40 (1.00)		Grey	26.67 (1.05)	31.75 (1.25)	41.40 (1.63)	**SR-100-1000**
1-1/4	22.35 (0.88)	25.40 (1.00)		Grey	30.48 (1.20)	35.05 (1.38)	54.10 (2.13)	**SR-125-1000**
1	25.40 (1.00)	28.70 (1.13)	Single Grommet		26.67 (1.05) ①	35.05 (1.38)	38.10 (1.50)	**SR-100-1125** ①
1-1/4	25.40 (1.00)	35.05 (1.38)	Dual Grommet		34.29 (1.35) ①	41.40 (1.63)	63.50 (2.50)	**SR-125-1375** ①
1-1/2	25.40 (1.00)	35.05 (1.38)			35.05 (1.38)	41.40 (1.63)	63.50 (2.50)	**SR-150-1375**
1-1/2	35.05 (1.38)	44.45 (1.75)			38.86 (1.53) ①	41.40 (1.63)	76.20 (3.00)	**SR-150-1750** ①
2	35.05 (1.38)	44.45 (1.75)			40.39 (1.59)	54.10 (2.13)	76.20 (3.00)	**SR-200-1750**
2-1/2	41.40 (1.63)	50.80 (2.00)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	**SR-250-2000**
2-1/2	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	**SR-250-2250**
3	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	**SR-300-2250**
3	54.10 (2.13)	63.50 (2.50)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	**SR-300-2500**

① *Remove enough jacket to get conductors through throat I.D.*

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Grip–Tite® Strain Relief Connectors

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure and seal cords or cables entering enclosures or raceways.

Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
- Dual-grommet style - for over 1" dia. cord range. Removable insert allows for wider range of cable diameters within single fitting.
- Simple installation, cord can be installed without disassembly of the fitting.
- Liquidtight/Oiltight/Raintight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 11/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).
- Suitable for NEMA 4 enclosures and other wet locations
- Male tapered thread NPT.
- Slim diameter profile allows close spacing between connectors.
- Furnished complete with sealing ring and locknut.
- Colored gripper allows for easy identification.

Standard Materials

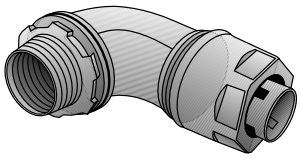
- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

Standard Finishes

- Body, gland nut and locknut — zinc plated

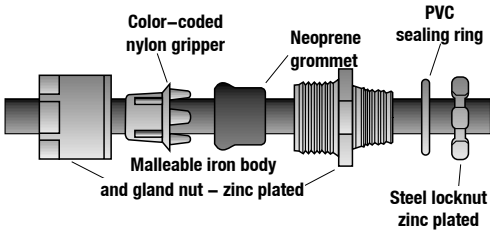
Options

- Mechanical Galvanized. Contact your local representative.



90°
Type SR–950–250

Illustrated Dimensions



Strain Relief Installation

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Dimensions in Millimeters (Inches)									
Hub Size (Inches)	Cord Range Min.	Cord Range Max.	Style	Color	Throat I.D.	Body Length	Max. Dia.	Turning Radius	Catalog Number
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red White Blue Brown	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	**SR-950-250**
1/2	6.35 (0.25)	9.65 (0.38)			14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	**SR-950-375**
1/2	9.65 (0.38)	12.70 (0.50)			14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	**SR-950-500**
1/2	12.70 (0.50)	16.00 (0.63)			14.99 (0.59) ①	35.05 (1.38)	28.70 (1.13)	41.40 (1.63)	**SR-950-625** ①
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red White Blue Brown Yellow Purple	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	**SR-975-250**
3/4	6.35 (0.25)	9.65 (0.38)			20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	**SR-975-375**
3/4	9.65 (0.38)	12.70 (0.50)			20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	**SR-975-500**
3/4	12.70 (0.5)	16.00 (0.63)			20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	**SR-975-625**
3/4	16.00 (0.63)	19.05 (0.75)			20.57 (0.81)	41.40 (1.63)	38.10 (1.50)	50.80 (2.00)	**SR-975-750**
3/4	19.05 (0.75)	22.35 (0.88)			20.83 (0.82) ①	47.75 (1.88)	41.40 (1.63)	47.75 (1.88)	**SR-975-875** ①
1	19.05 (0.75)	22.35 (0.88)	Grip-Tite	Purple Grey	25.91 (1.02)	47.75 (1.88)	41.40 (1.63)	50.80 (2.00)	**SR-9100-875**
1	22.35 (0.88)	25.40 (1.00)			26.42 (1.04)	63.50 (2.50)	47.75 (1.88)	50.80 (2.00)	**SR-9100-1000**
1-1/4	22.35 (0.88)	25.40 (1.00)	Grip-Tite	Grey	34.04 (1.34)	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	**SR-9125-1000**
1-1/4	25.40 (1.00)	35.05 (1.38)	Dual Grommet		34.04 (1.34) ①	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	**SR-9125-1375** ①

① *Remove enough jacket to get conductors through Throat I.D.*

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Grip–Tite® Strain Relief Connectors

GRIP-TITE STRAIN RELIEF CONNECTOR SELECTION CHART

NEC/CEC:
Listed for Ordinary Locations

Selection Chart ①

TYPE OF CORD	SV SVO SVT	SJT			SJ, SJTO, SJO					STO					S, SO							
WIRE SIZE	18	18		16	18		16	14	12	10	18	16	14	12	10	18	16	14	12	10	8	6	4
NO. OF COND	2 3	2 3 4	2 3 4		2 3 4	2 3 4		2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3 4	2 3
-250 (RED)																							
-375 (WHITE)																							
-500 (BLUE)																							
-625 (BROWN)																							
-750 (YELLOW)																							
-875 (PURPLE)																							
-1000 (GREY)																							

① This chart is intended for use a a guide only. Whenever possible, exact cord dimensions should be used. O-Z/Gedney Company assumes no liability for errors, omissions or dimensional changes which may result from changes in design, material or the manufacturing process and which may affect cord and fitting compatibility.

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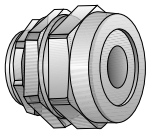
EMERSON

Gold Seal Strain Relief Connectors

NEC/CEC:
Listed for Ordinary Locations

Features

- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 11/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).



Straight Connector
Type SR–502

Standard Materials

- Malleable iron
- Grommets — PVC

Standard Finishes

- Zinc plated

Options

- Mechanical Galvanized. Contact your local representative.

NEC/CEC Certifications and Compliances

- UL Listed: E-14817
- CSA Certified: 009795

Hub Size (Inches)	Cable Range Millimeters (Inches) Dia. Over Jacket Min.	Max.	Throat I.D.	Body Length	Thread. Length	Max. Dia.	Catalog Number
			Dimensions in Millimeters (Inches)				
1/2	2.54 (0.10)	5.08 (0.20)	13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	**SR-502** ②
1/2	5.08 (0.20)	7.62 (0.30)	13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	**SR-503** ②
1/2	7.62 (0.30)	10.16 (0.40)	13.21 (0.52)	28.70 (1.13)	14.22 (0.56)	26.92 (1.06)	**SR-504** ②
1/2	10.16 (0.40)	12.70 (0.50)	15.49 (0.61)	30.23 (1.19)	14.22 (0.56)	26.92 (1.06)	**SR-505** ②
1/2	12.70 (0.50)	15.24 (0.60)	15.49 (0.61)	30.23 (1.19)	11.18 (0.44)	26.92 (1.06)	**SR-506** ②
1/2	15.24 (0.60)	17.78 (0.70)	15.49 (0.61)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-507** ①②
3/4	2.54 (0.10)	5.08 (0.20)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-752**
3/4	5.08 (0.20)	7.62 (0.30)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-753**
3/4	7.62 (0.30)	10.16 (0.40)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-754** ②
3/4	10.16 (0.40)	12.70 (0.50)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-755** ②
3/4	12.70 (0.50)	15.24 (0.60)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-756** ②
3/4	15.24 (0.60)	17.78 (0.70)	19.30 (0.76)	30.23 (1.19)	11.18 (0.44)	35.05 (1.38)	**SR-757** ②
3/4	17.78 (0.70)	20.32 (0.80)	20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	41.40 (1.63)	**SR-758** ②
3/4	20.32 (0.80)	22.86 (0.90)	20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	16.00 (0.63)	**SR-759** ①②
3/4	22.86 (0.90)	25.40 (1.00)	20.32 (0.8)	31.75 (1.25)	11.18 (0.44)	41.40 (1.63)	**SR-7510** ①②
1	2.54 (0.10)	5.08 (0.20)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1002**
1	5.08 (0.20)	7.62 (0.30)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1003**
1	7.62 (0.30)	10.16 (0.40)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1004**
1	10.16 (0.40)	12.70 (0.50)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1005**
1	12.70 (0.50)	15.24 (0.60)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1006** ②
1	15.24 (0.60)	17.78 (0.70)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1007** ②
1	17.78 (0.70)	20.32 (0.80)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1008** ②
1	20.32 (0.80)	22.86 (0.90)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-1009** ②
1.00	22.86 (0.90)	25.40 (1.00)	24.38 (0.96)	31.75 (1.25)	16.00 (0.63)	41.40 (1.63)	**SR-10010** ①②
1.00	25.40 (1.00)	30.48 (1.20)	24.38 (0.96)	35.05 (1.38)	16.00 (0.63)	49.28 (1.94)	**SR-10012** ①②
1-1/4	22.86 (0.90)	25.40 (1.00)	30.48 (1.20)	35.05 (1.38)	16.00 (0.63)	52.32 (2.06)	**SR-12510** ②
1-1/4	25.40 (1.00)	30.48 (1.20)	30.48 (1.20)	35.05 (1.38)	16.00 (0.63)	52.32 (2.06)	**SR-12512** ②
1.25	30.48 (1.20)	35.56 (1.40)	30.99 (1.22)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	**SR-12514** ①②
1 1/2	25.40 (1.00)	30.48 (1.20)	38.10 (1.50)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	**SR-15012** ②
1 1/2	30.48 (1.20)	35.56 (1.4)	38.10 (1.50)	39.62 (1.56)	16.00 (0.63)	60.45 (2.38)	**SR-15014** ②
1.50	35.56 (1.40)	40.64 (1.60)	39.62 (1.56)	45.97 (1.81)	16.00 (0.63)	76.20 (3.00)	**SR-15016** ①②
1.50	40.64 (1.60)	45.72 (1.80)	39.62 (1.56)	45.97 (1.81)	16.00 (0.63)	76.20 (3.00)	**SR-15018** ①②
2	30.48 (1.20)	35.56 (1.40)	49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SR-20014**②
2	35.56 (1.40)	40.64 (1.60)	49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SR-20016**②
2	40.64 (1.60)	45.72 (1.80)	49.02 (1.93)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SR-20018**②
2-1/2	38.10 (1.50)	45.72 (1.80)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-25018**②
2-1/2	45.72 (1.80)	53.34 (2.10)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-25021**②
2-1/2	53.34 (2.10)	60.96 (2.40)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-25024**②
3	38.10 (1.50)	45.72 (1.80)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-30018**②
3	45.72 (1.80)	53.34 (2.10)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-30021**②
3	53.34 (2.10)	60.96 (2.40)	61.98 (2.44)	63.50 (2.50)	28.70 (1.13)	103.12 (4.06)	**SR-30024**②

① Remove enough jacket to get conductors through Throat I.D.
② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.

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EMERSON

Gold Seal Strain Relief Connectors

NEC/CEC:
Listed for Ordinary Locations

Features

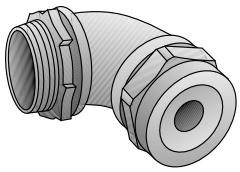
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 11/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).

Standard Materials

- Malleable iron
- Grommets — PVC

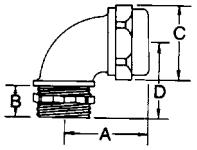
Standard Finishes

- Zinc plated



90° Connector
Type SR9–502

Illustrated Dimensions



NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: Commercial Item Description A-505-52

Hub Size (Inches)	Cable Range Millimeters (Inches) Dia. Over Jacket Min.	Max.	Throat I.D.	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	2.54 (0.10)	5.08 (0.20)	12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	**SR9-502** ②
1/2	5.08 (0.20)	7.62 (0.30)	12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	**SR9-503** ②
1/2	7.62 (0.30)	10.16 (0.40)	12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	**SR9-504** ②
1/2	11.68 (0.46)	14.22 (0.56)	12.70 (0.50)	35.05 (1.38)	11.18 (0.44)	26.92 (1.06)	26.92 (1.06)	**SR9-505** ②
1/2	12.70 (0.50)	15.24 (0.60)	15.49 (0.61)	38.10 (1.50)	12.70 (0.50)	35.05 (1.38)	30.23 (1.19)	**SR9-506** ②
1/2	15.24 (0.60)	17.78 (0.70)	15.49 (0.61)	38.10 (1.50)	12.70 (0.50)	35.05 (1.38)	30.23 (1.19)	**SR9-507** ①②
3/4	2.54 (0.10)	5.08 (0.20)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-752**
3/4	5.08 (0.20)	7.62 (0.30)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-753**
3/4	7.62 (0.30)	10.16 (0.40)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-754** ②
3/4	10.16 (0.40)	12.7 (0.50)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-755** ②
3/4	12.7 (0.50)	15.24 (0.60)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-756** ②
3/4	15.24 (0.60)	17.78 (0.70)	20.32 (0.80)	45.97 (1.81)	11.18 (0.44)	35.05 (1.38)	36.58 (1.44)	**SR9-757** ②
3/4	17.78 (0.70)	20.32 (0.80)	20.83 (0.82)	47.75 (1.88)	14.22 (0.56)	41.40 (1.63)	38.10 (1.50)	**SR9-758** ②
1	2.54 (0.10)	5.08 (0.20)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1002**
1	5.08 (0.20)	7.62 (0.30)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1003**
1	7.62 (0.30)	10.16 (0.40)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1004**
1	10.16 (0.40)	12.7 (0.50)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1005**
1	12.7 (0.50)	15.24 (0.60)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1006** ②
1	15.24 (0.60)	17.78 (0.70)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1007** ②
1	17.78 (0.70)	20.32 (0.80)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1008** ②
1	20.32 (0.80)	22.86 (0.90)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-1009** ②
1	22.86 (0.90)	25.4 (1.00)	24.13 (0.95)	50.80 (2.00)	12.70 (0.50)	41.40 (1.63)	39.62 (1.56)	**SR9-10010** ①②
1-1/4	22.86 (0.90)	25.4 (1.00)	27.94 (1.10)	68.33 (2.69)	16.00 (0.63)	49.28 (1.94)	54.1 (2.13)	**SR9-12510** ②
1-1/4	25.4 (1.00)	30.48 (1.20)	27.94 (1.10)	68.33 (2.69)	16.00 (0.63)	49.28 (1.94)	54.1 (2.13)	**SR9-12512** ①②
1-1/2	25.4 (1.00)	30.48 (1.20)	35.31 (1.39)	74.68 (2.94)	16.00 (0.63)	60.45 (2.38)	57.15 (2.25)	**SR9-15012** ②
1-1/2	30.48 (1.20)	35.56 (1.40)	35.31 (1.39)	74.68 (2.94)	16.00 (0.63)	60.45 (2.38)	57.15 (2.25)	**SR9-15014** ①②
2	30.48 (1.20)	35.56 (1.40)	44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	**SR9-20014** ②
2	35.56 (1.40)	40.64 (1.60)	44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	**SR9-20016** ②
2	40.64 (1.60)	45.72 (1.80)	44.96 (1.77)	92.20 (3.63)	17.53 (0.69)	76.20 (3.00)	77.72 (3.06)	**SR9-20018** ①②

① Remove enough jacket to get conductors through Throat I.D.
② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.

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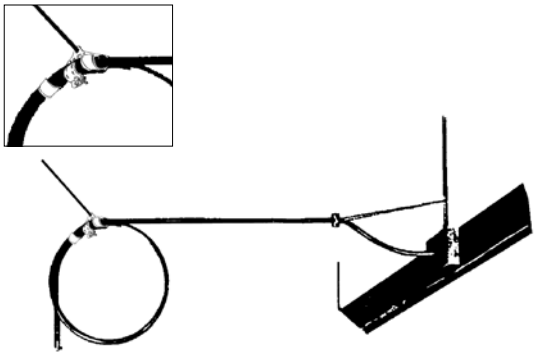
EMERSON

Bus Drop Cable Supports and Clamps

NEC/CEC:
Rated for Ordinary Locations

Applications

- "Bus-Drop" cable clamps designed for exposed branch feeder installations.
- Supports cable in flexible connecting circuits used to feed equipment. Cable is run in fixed overhead bused structures to a point directly above equipment then dropped with a 90° bend. At the point of drop, the cable clamp is installed to support the cable.
- Mooring cable clamps are used to attach a guy wire to the cable where it leaves bus structure, thus preventing wire terminal strain and possible conductor breakage.

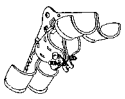


Features

- Clamps provide maximum versatility of installation where equipment is likely to be moved from one location to another. Installation is fast and modification is simple.
- One clamp covers entire range of cable sizes and can be used for one 90° bend.
- Two clamps, back to back, allow for an additional loop providing extra cable footage when a machine is likely to be moved.

Standard Material/Finish

- Zinc plated steel

	Cable Range in Millimeters (Inches)	Weight per 100 kg (lb)	Catalog Number
"Bus-Drop" Cable Clamps and Strap			
	10.2 - 30.2 (0.40 - 1.19)	26.76 (59.00)	**BD-1**
	10.2 - 30.2 (0.40 - 1.19)	53.52 (118.00)	**BD-1D**
	10.2 - 30.2 (0.40 - 1.19)	23.59 (52.00)	**BD-1A**
	10.2 - 30.2 (0.40 - 1.19)	4.08 (9.00)	**BD-1B**
"Bus-Drop" Mooring Cable Clamps			
	10.2 - 22.4 (0.40 - 0.88)	7.71 (17.00)	**BDM-1**
	22.4 - 30.2 (0.88 - 1.19)	15.42 (34.00)	**BDM-2**

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Types A, ABB, BB and BBL Insulating Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

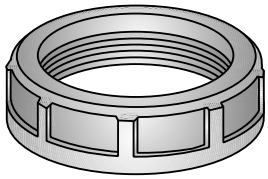
Type A

Applications

- To insulate end of threaded rigid and IMC.

NEC/CEC Certifications and Compliances

- UL Listed: E-11853
- CSA Certified: 065183
- UL Standard: 514B
- CSA Standard: C22.2 No. 18



Type A

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**Outside Dia.**	**Overall Height**	**Catalog Number**
1/2	28.70 (1.13)	12.70 (0.50)	**A–50**
3/4	35.05 (1.38)	12.70 (0.50)	**A–75**
1	44.45 (1.75)	16.00 (0.63)	**A–100**
1-1/4	54.10 (2.13)	19.05 (0.75)	**A–125**
1-1/2	60.45 (2.38)	19.05 (0.75)	**A–150**
2	73.15 (2.88)	19.05 (0.75)	**A–200**
2-1/2	85.85 (3.38)	22.35 (0.88)	**A–250**
3	101.60 (4.00)	22.35 (0.88)	**A–300**
3-1/2	117.60 (4.63)	22.35 (0.88)	**A–350**
4	130.30 (5.13)	22.35 (0.88)	**A–400**
5	158.75 (6.25)	28.70 (1.13)	**A–500**
6	187.45 (7.38)	28.70 (1.13)	**A-600**

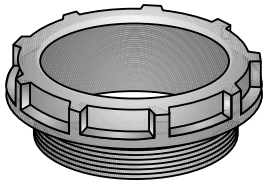
Type BB

Applications

- To insulate cables passing through metal boxes or troughs.

NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 11584
- UL Standard: 514B
- CSA Standard: C22.2 No. 18



Type BB

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Outside Dia.**	**Bushing Hole Dia.**	**Thread Length**	**Catalog Number**
1/2	28.70 (1.13)	16.00 (0.63)	9.65 (0.38)	**BB–50**
3/4	35.05 (1.38)	19.05 (0.75)	9.65 (0.38)	**BB–75**
1	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	**BB–100**
1-1/4	54.10 (2.13)	31.75 (1.25)	12.70 (0.50)	**BB–125**
1-1/2	60.45 (2.38)	38.10 (1.50)	12.70 (0.50)	**BB–150**
2	73.15 (2.88)	50.80 (2.00)	12.70 (0.50)	**BB–200**
2-1/2	85.85 (3.38)	60.45 (2.38)	16.00 (0.63)	**BB–250**
3	101.60 (4.00)	76.20 (3.00)	16.00 (0.63)	**BB–300**
3-1/2	117.60 (4.63)	88.90 (3.50)	16.00 (0.63)	**BB–350**
4	130.30 (5.13)	98.55 (3.88)	16.00 (0.63)	**BB–400**
5	158.75 (6.25)	123.95 (4.88)	19.05 (0.75)	**BB–500**
6	187.45 (7.38)	149.35 (5.88)	19.05 (0.75)	**BB–600**

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Types A, ABB, BB and BBL Insulating Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Type ABB

Applications

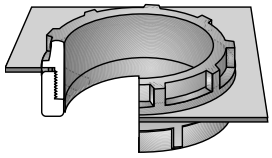
- A combination of Type "A" and "BB" Bushings. For insulating cables passing through metal boxes or troughs.

Features

- High impact black thermosetting phenolic bushings, with at +150 °C (+302 °F) UL temperature rating, that will not soften, melt or burn.

NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 011584
- UL Standard: ANSI/UL 514B
- CSA Standard: C22.2 No. 18
- NEMA Standard: FB-1



Type ABB

Dimensions in Millimeters (Inches)							
Trade Size (Inches)	Outside Dia.	Hole Dia.	Thread Length	Shd. Ht. Type "BB"	Type "A"	Max. Encl. Thick	Catalog Number
1/2	28.70 (1.13)	16.00 (0.63)	9.65 (0.38)	6.35 (0.25)	12.70 (0.50)	3.30 (0.13)	**ABB–50**
3/4	35.05 (1.38)	19.05 (0.75)	9.65 (0.38)	6.35 (0.25)	12.70 (0.50)	3.30 (0.13)	**ABB–75**
1	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	9.65 (0.38)	16.00 (0.63)	6.35 (0.25)	**ABB–100**
1-1/4	54.10 (2.13)	31.75 (1.25)	12.70 (0.50)	9.65 (0.38)	19.05 (0.75)	6.35 (0.25)	**ABB–125**
1-1/2	60.45 (2.38)	38.10 (1.50)	12.70 (0.50)	9.65 (0.38)	19.05 (0.75)	6.35 (0.25)	**ABB–150**
2	73.15 (2.88)	50.80 (2.00)	12.70 (0.50)	12.70 (0.50)	19.05 (0.75)	6.35 (0.25)	**ABB–200**
2-1/2	85.85 (3.38)	60.45 (2.38)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	**ABB–250**
3	101.60 (4.00)	76.20 (3.00)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	**ABB–300**
3 -/2	117.60 (4.63)	88.90 (3.50)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	**ABB–350**
4	130.30 (5.13)	98.55 (3.88)	16.00 (0.63)	12.70 (0.50)	22.35 (0.88)	6.35 (0.25)	**ABB–400**
5	158.75 (6.25)	123.95 (4.88)	19.05 (0.75)	12.70 (0.50)	28.70 (1.13)	6.35 (0.25)	**ABB–500**
6	187.45 (7.38)	149.35 (5.88)	19.05 (0.75)	12.70 (0.50)	28.70 (1.13)	6.35 (0.25)	**ABB–600**

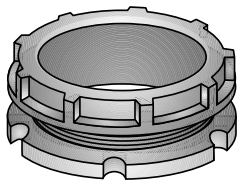
Type BBL

Applications

- Type BB provided with a steel locknut.

NEC/CEC Certifications and Compliances

- UL Listed: E-20933
- CSA Certified: 11584
- UL Standard: 514B
- CSA Standard: C22.2 No. 18



Type BBL

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	Bushing Outside Dia.	Hole Dia.	Locknut Thread Length	Max Dia.	Catalog Number
1/2	16.00 (0.63)	16.00 (0.63)	9.65 (0.38)	28.70 (1.13)	**BBL–50**
3/4	19.05 (0.75)	19.05 (0.75)	9.65 (0.38)	38.10 (1.50)	**BBL–75**
1	25.40 (1.00)	25.40 (1.00)	12.70 (0.50)	44.45 (1.75)	**BBL–100**
1-1/4	31.75 (1.25)	31.75 (1.25)	12.70 (0.50)	60.45 (2.38)	**BBL–125**
1-1/2	38.10 (1.50)	38.10 (1.50)	12.70 (0.50)	66.8 (2.63)	**BBL–150**
2	50.80 (2.00)	50.80 (2.00)	12.70 (0.50)	79.50 (3.13)	**BBL–200**
2-1/2	60.45 (2.38)	60.45 (2.38)	16.00 (0.63)	92.20 (3.63)	**BBL–250**
3	76.20 (3.00)	76.20 (3.00)	16.00 (0.63)	111.25 (4.38)	**BBL–300**
3-1/2	88.90 (3.50)	88.90 (3.50)	16.00 (0.63)	127.00 (5.00)	**BBL–350**
4	98.55 (3.88)	98.55 (3.88)	16.00 (0.63)	139.70 (5.50)	**BBL–400**
5	123.95 (4.88)	123.95 (4.88)	19.05 (0.75)	174.75 (6.88)	**BBL–500**
6	149.35 (5.88)	149.35 (5.88)	19.05 (0.75)	203.2 (8.00)	**BBL–600**

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Types B, HB, AB, RB, SB and SBT Specification Grade Insulated Bushings

For Rigid Metal Conduit, IMC and EMT.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To protect insulated conductors from abrasion during pulling and from mechanical vibration.
- To provide voltage gradient between live conductors and ground at point of electrical and mechanical stress on conductorinsulation.

Features

- Molded-on high impact phenolic thermosetting insulation.
- UL insulation temperature rating 150°C.
- Positive metallic conduit stop.

Standard Materials

For Threaded Rigid and IMC

- **Type B**:
  – 1⁄2" and 3⁄4" - Steel
  – 1" to 6" - Malleable iron
- **Type HB**:
  – 1⁄2" and 3⁄4" - Steel
  – 1" to 6" - Malleable iron
- **Type AB**: Aluminum Bushing
- **Type RB**: Bronze, for highly corrosive atmospheres

For Threadless Rigid and IMC

- **Type SB**:
  – 1⁄2" and 3⁄4" - Steel
  – 1" to 6" - Malleable iron

For EMT

- **Type SBT:**
  – 1⁄2" and 3⁄4" - Steel
  – 1" to 6" - Malleable iron

Standard Finishes

Type B:

- 1⁄2" and 3⁄4", 1" to 6" - Zinc plated

Type HB:

- 1⁄2" and 3⁄4", 1" to 6" - Mechanical/Hot dip galvanized

Type AB: Aluminum Bushing
Type RB: Bronze, for highly corrosive atmospheres
Type SB:

- 1⁄2" and 3⁄4", 1" to 6" - Zinc plated with stainless steel screws

Type SBT:

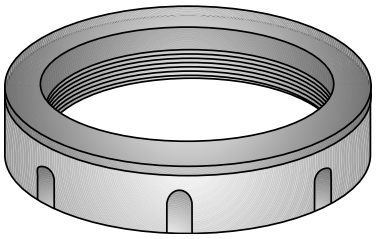
- 1⁄2" and 3⁄4", 1" to 6" - Zinc plated with stainless steel screws

Options

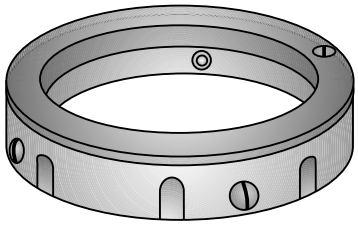
- Type B insulated bushings are also available for threadless rigid and IMC in the following materials:
- Type HSB:Malleable Iron or Steel Mechanical/Hot Dip Galvanized
- Type ASB: Aluminum
- Type RSB: Bronze

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 011584
- NEMA: FB-1



Type B
Threaded



Type SB
Threadedless

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Types B, HB, AB, RB, SB and SBT Specification Grade Insulated Bushings

For Rigid Metal Conduit, IMC and EMT.

NEC/CEC:
Listed for Ordinary Locations

	Threaded for Rigid Conduit and IMC Catalog Numbers				Threadless Rigid and IMC Catalog Numbers	EMT Catalog Numbers
Trade Size (Inches)	Malleable Iron or Steel/ Zinc Plated	Mechanically or Hot–Dip Galvanized	Copper Free Aluminum	Bronze	Malleable Iron or Steel/ Zinc Plated	Malleable Iron or Steel/ Zinc Plated
1/2	**B-50**	**HB-50**	**AB-50**	**RB-50**	**SB-50**	**SBT-50**
3/4	**B-75**	**HB-75**	**AB-75**	**RB-75**	**SB-75**	**SBT-75**
1	**B-100**	**HB-100**	**AB-100**	**RB-100**	**SB-100**	**SBT-100**
1-1/4	**B-125**	**HB-125**	**AB-125**	**RB-125**	**SB-125**	**SBT-125**
1-1/2	**B-150**	**HB-150**	**AB-150**	**RB-150**	**SB-150**	**SBT-150**
2	**B-200**	**HB-200**	**AB-200**	**RB-200**	**SB-200**	**SBT-200**
2-1/2	**B-250**	**HB-250**	**AB-250**	**RB-250**	**SB-250**	**SB-250**
3	**B-300**	**HB-300**	**AB-300**	**RB-300**	**SB-300**	**SB-300**
3-1/2	**B-350**	**HB-350**	**AB-350**	**RB-350B**	**SB-350**	**SB-350**
4	**B-400**	**HB-400**	**AB-400**	**RB-400**	**SB-400**	**SB-400**
5	**B-500**	**HB-500**	**AB-500**	**RB-500**	**SB-500**	—
6	**B-600**	**HB-600**	**AB-600**	**RB-600**	**SB-600**	—

Trade Size (Inches)	Dimensions in Millimeters (Inches)	
	Max. Dia.	Overal Height
1/2	28.70 (1.13)	38.10 (1.50)
3/4	35.05 (1.38)	16.00 (0.63)
1	41.40 (1.63)	19.05 (0.75)
1-1/4	50.80 (2.00)	19.05 (0.75)
1-1/2	57.15 (2.25)	19.05 (0.75)
2	69.85 (2.75)	22.35 (0.88)
2-1/2	82.55 (3.25)	25.40 (1.00)
3	101.60 (4.00)	25.40 (1.00)
3-1/2	114.30 (4.50)	25.40 (1.00)
4	127.00 (5.00)	28.70 (1.13)
5	158.75 (6.25)	31.75 (1.25)
6	187.45 (7.38)	35.05 (1.38)

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Types BLG and HBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To provide a compact means of grounding conduit through an Insulated Bushing.
- To protect insulated conductors from abrasion during pulling and mechanical vibration.
- To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150 °C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

Standard Materials

Type BLG:
- 1⁄2" and 3⁄4" - Steel
- 1" to 6" - Malleable iron

Type HBLG:
- 1⁄2" and 3⁄4" - Steel
- 1" to 6" - Malleable iron

Standard Finishes

Type BLG:
- 1⁄2" and 3⁄4", 1" to 6" - Zinc plated with stainless steel screws

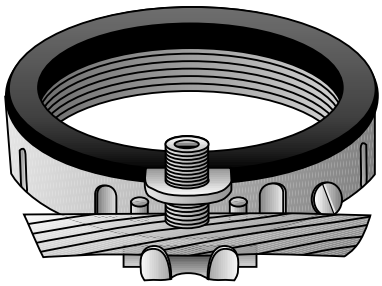
Type HBLG:
- 1⁄2" and 3⁄4", 1" to 6" - Mechanical/Hot dip galvanized with stainless steel screws

Options

- Type BLG grounding bushings are also available for use on threaded conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HBLG. Contact your local representative for pricing and availability.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467, 468
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



Type BLG
Threaded

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Types BLG and HBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Trade Size (Inches)	Grounding Wire Size ① Min.	Grounding Wire Size ① Max.	Dimensions in Millimeters (Inches) Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Catalog Number Zinc Plated	Catalog Number Mechanically or Hot–Dip Galvanized
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	**BLG–0504**	**HBLG–0504**
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	**BLG–0522**	**HBLG–0522**
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	**BLG–0704**	**HBLG–0704**
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	**BLG–0722**	**HBLG–0722**
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	**BLG–1104**	**HBLG–1104**
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	**BLG–1122**	**HBLG–1122**
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	**BLG–1204**	**HBLG–1204**
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	**BLG–1222**	**HBLG–1222**
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	**BLG–1504**	**HBLG–1504**
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	**BLG–1522**	**HBLG–1522**
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	**BLG–2004**	**HBLG–2004**
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	**BLG–2022**	**HBLG–2022**
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	**BLG–2604**	**HBLG–2604**
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	**BLG–2622**	**HBLG–2622**
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	**BLG–2624**	**HBLG–2624**
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	**BLG–2650**	**HBLG–2650**
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	**BLG–3104**	**HBLG–3104**
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	**BLG–3122**	**HBLG–3122**
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	**BLG–3124**	**HBLG–3124**
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	**BLG–3150**	**HBLG–3150**
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	**BLG–3604**	**HBLG–3604**
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	**BLG–3622**	**HBLG–3622**
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	**BLG–3624**	**HBLG–3624**
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	**BLG–3650**	**HBLG–3650**
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	**BLG–4104**	**HBLG–4104**
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	**BLG–4122**	**HBLG–4122**
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	**BLG–4124**	**HBLG–4124**
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	**BLG–4150**	**HBLG–4150**
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	**BLG–5104**	**HBLG–5104**
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	**BLG–5122**	**HBLG–5122**
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	**BLG–5124**	**HBLG–5124**
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	**BLG–5150**	**HBLG–5150**
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	**BLG–6104**	**HBLG–6104**
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	**BLG–6122**	**HBLG–6122**
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	**BLG–6124**	**HBLG–6124**
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	**BLG–6150**	**HBLG–6150**

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.

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Types ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To provide a compact means of grounding conduit through an Insulated Bushing.
- To protect insulated conductors from abrasion during pulling and mechanical vibration.
- To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

Features

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

Standard Materials

Type ABLG:
- Aluminum bushing with stainless steel screws

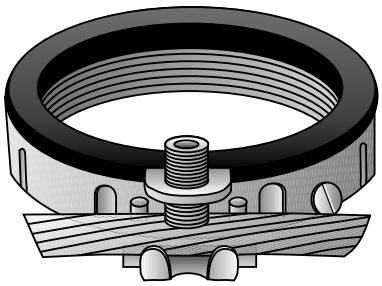
Type HRBLG:
- Bronze bushing with stainless steel screws

Options

- Type ABLG grounding bushings are also available for threadless conduit in bronze and/or aluminum. Specify: Type RSBLG for bronze bushings or Type ASBLG for aluminum bushings. Contact your local representative for pricing and availability.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 015978
- NEMA: FB-1



Type ABLG
Threaded

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Types ABLG and RBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Trade Size (Inches)	Grounding Wire Size ① Min.	Grounding Wire Size ① Max.	Dimensions in Millimeters (Inches) Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Catalog Number Copper Free Aluminum	Catalog Number Bronze
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	**ABLG–0504**	**RBLG–0504**
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	**ABLG–0522**	**RBLG–0522**
3/4	14	4	44.45 (1.75)	16.00 (0.63)	31.75 (1.25)	**ABLG–0704**	**RBLG–0704**
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	**ABLG–0722**	**RBLG–0722**
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	**ABLG–1104**	**RBLG–1104**
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	**ABLG–1122**	**RBLG–1122**
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	**ABLG–1204**	**RBLG–1204**
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	**ABLG–1222**	**RBLG–1222**
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	**ABLG–1504**	**RBLG–1504**
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	**ABLG–1522**	**RBLG–1522**
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	**ABLG–2004**	**RBLG–2004**
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	**ABLG–2022**	**RBLG–2022**
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	**ABLG–2604**	**RBLG–2604**
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	**ABLG–2622**	**RBLG–2622**
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	**ABLG–2624**	**RBLG–2624**
2-1/2	250	500	82.55 (3.25)	25.40 (1.00)	87.38 (3.44)	—	**RBLG–2650**
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	**ABLG–3104**	**RBLG–3104**
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	**ABLG–3122**	**RBLG–3122**
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	**ABLG–3124**	**RBLG–3124**
3	250	500	101.60 (4.00)	25.40 (1.00)	95.25 (3.75)	—	**RBLG–3150**
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	**ABLG–3604**	**RBLG–3604**
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	**ABLG–3622**	**RBLG–3622**
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	**ABLG–3624**	**RBLG–3624**
3-1/2	250	500	114.30 (4.50)	25.40 (1.00)	101.60 (4.00)	—	**RBLG–3650**
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	**ABLG–4104**	**RBLG–4104**
4	8	2/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	**ABLG–4122**	**RBLG–4122**
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	**ABLG–4124**	**RBLG–4124**
4	250	500	127.00 (5.00)	28.70 (1.13)	107.95 (4.25)	—	**RBLG–4150**
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	**ABLG–5104**	**RBLG–5104**
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	**ABLG–5122**	**RBLG–5122**
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	**ABLG–5124**	**RBLG–5124**
5	250	500	158.75 (6.25)	31.75 (1.25)	127.00 (5.00)	—	**RBLG–5150**
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	**ABLG–6104**	**RBLG–6104**
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	**ABLG–6122**	**RBLG–6122**
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	**ABLG–6124**	**RBLG–6124**
6	250	500	187.45 (7.38)	35.05 (1.38)	138.18 (5.44)	—	**RBLG–6150**

① *Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.*

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Type SBLG Specification Grade Insulated Grounding Bushings

For Threadedless Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a compact means of grounding conduit through an insulated bushing.
- Protects insulated conductors from abrasion during pulling and mechanical vibration.
- Provides voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

Features

- Tin plated copper saddle for use with copper or aluminum conductors.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C UL rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

Standard Materials

- Bushings 1⁄2” and 3⁄4” - Steel
- Bushings 1” to 6” - Malleable iron
- Grounding Saddle - Tin plated copper
- Clamping tension body - Stainless teel
- All Screws - Stainless steel

Standard Finishes

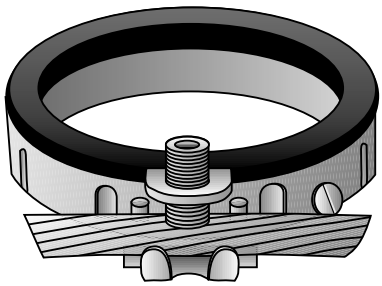
- Bushings 1⁄2” and 3⁄4” - Zinc plated
- Bushings 1” to 6” - Zinc plated

Options

- Type SBLG grounding bushings are also available for use on threadless conduit in Malleable Iron/Hot Dip Mechanically Galvanized - Specify Type HSBLG. Contact your local representative for pricing and availability.
- Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B, 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 065183
- NEMA Standard: FB-1



Type SBLG
Threadedless

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Type SBLG Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Grounding Wire Size ①			Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug	Copper Free Aluminum Catalog Number
1/2	14	4	28.70 (1.13)	12.70 (0.50)	28.70 (1.13)	**SBLG–0504**
1/2	8	2/0	28.70 (1.13)	12.70 (0.50)	38.10 (1.50)	**SBLG–0522**
3/4	14	4	35.05 (1.38)	16.00 (0.63)	31.75 (1.25)	**SBLG–0704**
3/4	8	2/0	35.05 (1.38)	16.00 (0.63)	38.10 (1.50)	**SBLG–0722**
1	14	4	41.40 (1.63)	19.05 (0.75)	35.05 (1.38)	**SBLG–1104**
1	8	2/0	41.40 (1.63)	19.05 (0.75)	41.40 (1.63)	**SBLG–1122**
1-1/4	14	4	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	**SBLG–1204**
1-1/4	8	2/0	50.80 (2.00)	19.05 (0.75)	44.45 (1.75)	**SBLG–1222**
1-1/2	14	4	57.15 (2.25)	19.05 (0.75)	41.40 (1.63)	**SBLG–1504**
1-1/2	8	2/0	57.15 (2.25)	19.05 (0.75)	47.75 (1.88)	**SBLG–1522**
2	14	4	69.85 (2.75)	22.35 (0.88)	50.80 (2.00)	**SBLG–2004**
2	8	2/0	69.85 (2.75)	22.35 (0.88)	57.15 (2.25)	**SBLG–2022**
2-1/2	14	4	82.55 (3.25)	25.40 (1.00)	54.10 (2.13)	**SBLG–2604**
2-1/2	8	2/0	82.55 (3.25)	25.40 (1.00)	63.50 (2.50)	**SBLG–2622**
2-1/2	6	4/0	82.55 (3.25)	25.40 (1.00)	69.85 (2.75)	**SBLG–2624**
3	14	4	101.60 (4.00)	25.40 (1.00)	63.50 (2.50)	**SBLG–3104**
3	8	2/0	101.60 (4.00)	25.40 (1.00)	69.85 (2.75)	**SBLG–3122**
3	6	4/0	101.60 (4.00)	25.40 (1.00)	79.50 (3.13)	**SBLG–3124**
3-1/2	14	4	114.30 (4.50)	25.40 (1.00)	69.85 (2.75)	**SBLG–3604**
3-1/2	8	2/0	114.30 (4.50)	25.40 (1.00)	76.20 (3.00)	**SBLG–3622**
3-1/2	6	4/0	114.30 (4.50)	25.40 (1.00)	85.85 (3.38)	**SBLG–3624**
4	14	4	127.00 (5.00)	28.70 (1.13)	76.20 (3.00)	**SBLG–4104**
4	8	2/0	127.00 (5.00)	28.70 (1.13)	85.85 (3.38)	**SBLG–4122**
4	6	4/0	127.00 (5.00)	28.70 (1.13)	92.20 (3.63)	**SBLG–4124**
5	14	4	158.75 (6.25)	31.75 (1.25)	95.25 (3.75)	**SBLG–5104**
5	8	2/0	158.75 (6.25)	31.75 (1.25)	101.60 (4.00)	**SBLG–5122**
5	6	4/0	158.75 (6.25)	31.75 (1.25)	107.95 (4.25)	**SBLG–5124**
6	14	4	187.45 (7.38)	35.05 (1.38)	107.95 (4.25)	**SBLG–6104**
6	8	2/0	187.45 (7.38)	35.05 (1.38)	114.30 (4.50)	**SBLG–6122**
6	6	4/0	187.45 (7.38)	35.05 (1.38)	123.95 (4.88)	**SBLG–6124**

① Solid or stranded for No. 4 awg or smaller; stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 lug.

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Type 300R Hex Reducing Bushings

For Threaded Rigid Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To reduce a threaded conduit entry into a smaller trade size.

Standard Materials

- Malleable iron

Standard Finishes

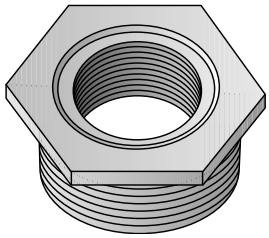
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

Options

- Hot dip or mechanical galvanize, add suffix **-G** to catalog number. Contact your local representative for pricing and availability.



Type 300R

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Max. Dim. Across Corners**	**Thread Length**	**Flange Thickness**	**Catalog Number**
1/2 - 3/8	28.70 (1.13)	12.07 (0.50)	4.06 (0.16)	**320-R**
3/4 - 1/2	36.58 (1.44)	16.00 (0.63)	4.83 (0.19)	**321-R**
1 -3/4	41.40 (1.63)	16.00 (0.63)	4.83 (0.19)	**322-R**
1 - 1/2	41.40 (1.63)	17.53 (0.69)	4.06 (0.16)	**323-R**
1-1/4 - 1/2	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	**324-R**
1-1/4 -3/4	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	**325-R**
1-1/4 - 1	49.28 (1.94)	19.05 (0.75)	4.83 (0.19)	**326-R**
1-1/2 - 1-1/4	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	**327-R**
1-1/2 - 1	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	**328-R**
1-1/2 -3/4	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	**329-R**
1-1/2 - 1/2	60.45 (2.38)	23.88 (0.94)	7.87 (0.31)	**330-R**
2 - 1-1/2	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	**331-R**
2 -1-1/4	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	**332-R**
2 -1	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	**333-R**
2 -3/4	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	**334-R**
2 - 1/2	69.85 (2.75)	23.88 (0.94)	7.87 (0.31)	**335-R**
2-1/2 - 2	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	**336-R**
2-1/2 - 1-1/2	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	**337-R**
2-1/2 - 1	82.55 (3.25)	23.88 (0.94)	11.18 (0.44)	**339-R**
3 - 1-1/2	100.08 (3.94)	26.92 (1.06)	12.70 (0.50)	**340-R**
3 - 2	96.77 (3.81)	28.70 (1.13)	12.70 (0.50)	**341-R**
3 - 2-1/2	100.08 (3.94)	26.92 (1.06)	12.70 (0.50)	**342-R**
3-1/2 - 3	112.78 (4.44)	38.10 (1.50)	12.70 (0.50)	**349-R**
3-1/2 - 2-1/2	112.78 (4.44)	38.10 (1.50)	12.70 (0.50)	**350-R**
4 - 2-1/2	130.30 (5.13)	36.58 (1.44)	12.70 (0.50)	**355-R**
4 - 3	136.65 (5.38)	31.75 (1.25)	12.70 (0.50)	**356-R**
4 - 3-1/2	136.65 (5.38)	31.75 (1.25)	12.70 (0.50)	**357-R**

① *Not UL Listed.*

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Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- Used with a locknut to terminate rigid metal conduit or IMC conduit to a box or enclosure.

Features

- Provides a smooth pulling surface.

Material/Finish

- BU: malleable iron/zinc electroplated
- BBU: impact resistant plastic or thermoplastic

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853,
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Threaded Bushings — Malleable Iron, Zinc Electroplated					
	1/2	26.2 (1.03)	9.7 (0.38)	**BU50**	**2-50**
	3/4	31.8 (1.25)	11.2 (0.44)	**BU75**	**2-75**
	1	39.6 (1.56)	12.7 (0.50)	**BU100**	**2-100**
	1-1/4	50.8 (2.00)	16.0 (0.63)	**BU125**	**2-125**
	1-1/2	54.9 (2.16)	16.0 (0.63)	**BU150**	**2-150**
	2	66.8 (2.63)	16.0 (0.63)	**BU200**	**2-200**
	2-1/2	81.0 (3.19)	19.1 (0.75)	**BU250**	**2-250**
	3	96.8 (3.81)	23.9 (0.94)	**BU300**	**2-300**
	3-1/2	112.8 (4.44)	23.9 (0.94)	**BU350**	**2-350**
	4	125.5 (4.94)	26.9 (1.06)	**BU400**	**2-400**
	5	152.4 (6.00)	30.2 (1.19)	**BU500**	**2-500**
	6	187.5 (7.38)	33.3 (1.31)	**BU600**	**2-600**
Threaded Bushings — Insulated — +150 °C (+302 °F) Temperature Rating — Malleable Iron, Zinc Electroplated					
	1/2	30.2 (1.19)	12.7 (0.50)	**BU50I**	**IBC-50**
	3/4	36.6 (1.44)	14.2 (0.56)	**BU75I**	**IBC-75**
	1	44.5 (1.75)	16.0 (0.63)	**BU100I**	**IBC-100**
	1-1/4	54.1 (2.13)	19.1 (0.75)	**BU125I**	**IBC-125**
	1-1/2	58.7 (2.31)	22.4 (0.88)	**BU150I**	**IBC-150**
	2	71.4 (2.81)	23.9 (0.94)	**BU200I**	**IBC-200**
	2-1/2	85.9 (3.38)	25.4 (1.00)	**BU250I**	**IBC-250**
	3	103.1 (4.06)	28.7 (1.13)	**BU300I**	**IBC-300**
	3-1/2	114.3 (4.50)	30.2 (1.19)	**BU350I**	**IBC-350**
	4	131.8 (5.19)	33.3 (1.31)	**BU400I**	**IBC-400**
	5	153.9 (6.06)	33.3 (1.31)	**BU500I**	**IBC-500**
	6	184.2 (7.25)	33.3 (1.31)	**BU600I**	**IBC-600**

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Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Threadless Bushings — Insulated — +150 °C (+302 °F) Temperature Rating — Malleable Iron, Zinc Electroplated					
	1/2	30.2 (1.19)	9.7 (0.38)	**BU50SI**	**IBC-50S**
	3/4	36.6 (1.44)	11.2 (0.44)	**BU75SI**	**IBC-75S**
	1	44.5 (1.75)	12.7 (0.50)	**BU100SI**	**IBC-100S**
	1-1/4	54.1 (2.13)	16.0 (0.63)	**BU125SI**	**IBC-125S**
	1-1/2	58.7 (2.31)	16.0 (0.63)	**BU150SI**	**IBC-150S**
	2	71.4 (2.81)	16.0 (0.63)	**BU200SI**	**IBC-200S**
	2-1/2	85.9 (3.38)	19.1 (0.75)	**BU250SI**	**IBC-250S**
	3	103.1 (4.06)	23.9 (0.94)	**BU300SI**	**IBC-300S**
	3-1/2	114.3 (4.50)	23.9 (0.94)	**BU350SI**	**IBC-350S**
	4	131.8 (5.19)	26.9 (1.06)	**BU400SI**	**IBC-400S**
Threaded Capped Bushings — Malleable Iron, Zinc Electroplated, Polyethylene Cap					
	1/2	26.2 (1.03)	9.7 (0.38)	**BUC50**	**3-50**
	3/4	31.8 (1.25)	11.2 (0.44)	**BUC75**	**3-75**
	1	39.6 (1.56)	12.7 (0.50)	**BUC100**	**3-100**
	1-1/4	50.8 (2.00)	16.0 (0.63)	**BUC125**	**3-125**
	1-1/2	54.9 (2.16)	16.0 (0.63)	**BUC150**	**3-150**
	2	66.8 (2.63)	16.0 (0.63)	**BUC200**	**3-200**
	2-1/2	81.0 (3.19)	19.1 (0.75)	**BUC250**	**3-250**
	3	96.8 (3.81)	23.9 (0.94)	**BUC300**	**3-300**
	3-1/2	112.8 (4.44)	23.9 (0.94)	**BUC350**	**3-350**
	4	125.5 (4.94)	26.9 (1.06)	**BUC400**	**3-400**
	5	152.4 (6.00)	30.2 (1.19)	**BUC500**	**3-500**
	6	187.5 (7.38)	33.3 (1.31)	**BUC600**	**3-600**

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Conduit Bushings for Rigid Metal Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Threaded Impact Resistant Plastic Bushing — +105 °C (+221 °F) Temperature Rating					
	1/2	26.9 (1.06)	10.4 (0.41)	**BBU50**	**IB-50**
	3/4	33.3 (1.31)	10.4 (0.41)	**BBU75**	**IB-75**
	1	39.6 (1.56)	14.2 (0.56)	**BBU100**	**IB-100**
	1-1/4	48.5 (1.91)	14.2 (0.56)	**BBU125**	**IB-125**
	1-1/2	55.6 (2.19)	14.2 (0.56)	**BBU150**	**IB-150**
	2	68.3 (2.69)	16.0 (0.63)	**BBU200**	**IB-200**
	2-1/2	81.0 (3.19)	18.3 (0.72)	**BBU250**	**IB-250**
	3	97.5 (3.84)	19.1 (0.75)	**BBU300**	**IB-300**
	3-1/2	110.2 (4.34)	19.1 (0.75)	**BBU350**	**IB-350**
	4	122.9 (4.84)	19.8 (0.78)	**BBU400**	**IB-400**
	5	160.3 (6.31)	25.4 (1.00)	—	**IB-500**
	6	189.0 (7.44)	25.4 (1.00)	—	**IB-600**
Threaded Thermoplastic Bushing — +150 °C (+302 °F) Temperature Rating					
	1/2	26.9 (1.06)	10.4 (0.41)	**BBU50H**	—
	3/4	33.3 (1.31)	10.4 (0.41)	**BBU75H**	—
	1	39.6 (1.56)	14.2 (0.56)	**BBU100H**	—
	1-1/4	48.5 (1.91)	14.2 (0.56)	**BBU125H**	—
	1-1/2	55.6 (2.19)	14.2 (0.56)	**BBU150H**	—
	2	68.3 (2.69)	16.0 (0.63)	**BBU200H**	—
	2-1/2	81.0 (3.19)	18.3 (0.72)	**BBU250H**	—
	3	97.5 (3.84)	19.1 (0.75)	**BBU300H**	—
	3-1/2	110.2 (4.34)	19.1 (0.75)	**BBU350H**	—
	4	122.9 (4.84)	19.8 (0.78)	**BBU400H**	—

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Set–Screw Insulated Grounding Bushing

For Threadless (GIB-LS) and Threaded (GIB-L) RMC IMC Conduit

GIB-LS-AC and IBC-LS-AC Series - with Aluminum Lay-In-Lug for Copper or Aluminum Conductors.

NEC/CEC:
Listed for Ordinary Locations

Applications

- GIB-LS Series insulated bushings fasten and ground threadless rigid metal conduit to an enclosure.
- GIB-L Series insulated bushings fasten and ground threaded rigid metal conduit to an enclosure.
- Can be used with a locknut to terminate conduit at an enclosure.
- Lug used to connect bonding jumper to a neutral bus bar.

Features

- Temperature rating +150 °C (+302 °F).
- Insulating liner material is self-extinguishing.
- The plastic liner is tough. It won't chip, crack, swell or shrink. It resists corrosion, chemicals and temperature extremes. Surface friction is so low that wires can be pulled with virtually no abrasion on the cable insulation.
- GIB-LS Series is provided with a set-screw allowing fitting to lock bushing in any desired position.
- UL listed for use with copper or aluminum grounding conductors.
- Lugs not sold separately.

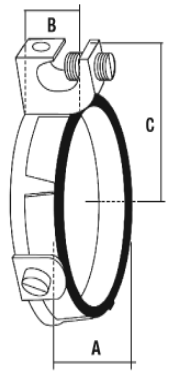
Material/Finish

- Body: malleable iron/zinc plated
- Lug: aluminum/tin plated or bronze/bright dip
- Clamping and set screw: steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 467, 514B
- UL Listed: E24264
- CSA Standard: C22.2 No. 41
- NEMA: FB-1





Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Aluminum Lug	O–Z/Gedney™ Catalog Number Aluminum Lug
1/2	14 SOL	4 STR	30.2 (1.19)	11.2 (0.44)	30.2 (1.19)	**GIB-50LS-4AC**	**IBC-50LS-4AC**
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	**GIB-75LS-4AC**	**IBC-75LS-4AC**
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	**GIB-100LS-4AC**	**IBC-100LS-4AC**
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	**GIB-100LS-20AC**	**IBC-100LS-20AC**
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	**GIB-125LS-4AC**	**IBC-125LS-4AC**
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	**GIB-125LS-20AC**	**IBC-125LS-20AC**
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	**GIB-150LS-4AC**	**IBC-150LS-4AC**
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	**GIB-150LS-20AC**	**IBC-150LS-20AC**
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	**GIB-200LS-4AC**	**IBC-200LS-4AC**
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	**GIB-200LS-20AC**	**IBC-200LS-20AC**
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	**GIB-250LS-4AC**	**IBC-250LS-4AC**
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	**GIB-250LS-20AC**	**IBC-250LS-20AC**
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	**GIB-250LS-25AC**	**IBC-250LS-25AC**
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	**GIB-300LS-4AC**	**IBC-300LS-4AC**
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	**GIB-300LS-20AC**	**IBC-300LS-20AC**
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	**GIB-300LS-25AC**	**IBC-300LS-25AC**

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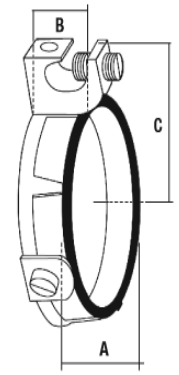
Set–Screw Insulated Grounding Bushing

For Threadless RMC IMC Conduit

GIB-LS-AC and IBC-LS-AC Series - with Aluminum Lay-In-Lug for Copper or Aluminum Conductors.

NEC/CEC:
Listed for Ordinary Locations





Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Aluminum Lug	O–Z/Gedney™ Catalog Number Aluminum Lug
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	**GIB-350LS-4AC**	**IBC-350LS-4AC**
3-1/2	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	**GIB-350LS-20AC**	**IBC-350LS-20AC**
3-1/2	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	**GIB-350LS-25AC**	**IBC-350LS-25AC**
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	**GIB-400LS-4AC**	**IBC-400LS-4AC**
4	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	**GIB-400LS-20AC**	**IBC-400LS-20AC**
4	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	**GIB-400LS-25AC**	**IBC-400LS-25AC**
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	**GIB-500LS-4AC**	**IBC-500LS-4AC**
5	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	**GIB-500LS-20AC**	**IBC-500LS-20AC**
5	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	**GIB-500LS-25AC**	**IBC-500LS-25AC**
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	**GIB-600LS-4AC**	**IBC-600LS-4AC**
6	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	**GIB-600LS-20AC**	**IBC-600LS-20AC**
6	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	**GIB-600LS-25AC**	**IBC-600LS-25AC**

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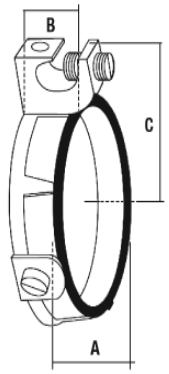
Set–Screw Insulated Grounding Bushing

For Threadless RMC IMC Conduit

IBC-LS-BC Series - with Bronze Lay-In-Lug for Copper Conductors.

NEC/CEC:
Listed for Ordinary Locations





Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Bronze Lug	O–Z/Gedney™ Catalog Number Bronze Lug
1/2	14 SOL	4 STR	30.2 (1.19)	11.2 (0.44)	30.2 (1.19)	—	**IBC-50LS-4BC**
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	—	**IBC-75LS-4BC**
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	—	**IBC-100LS-4BC**
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	—	**IBC-100LS-20BC**
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	—	**IBC-125LS-4BC**
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	—	**IBC-125LS-20BC**
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	—	**IBC-150LS-4BC**
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	—	**IBC-150LS-20BC**
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	—	**IBC-200LS-4BC**
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	—	**IBC-200LS-20BC**
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	—	**IBC-250LS-4BC**
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	—	**IBC-250LS-20BC**
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	—	**IBC-250LS-25BC**
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	—	**IBC-300LS-4BC**
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	—	**IBC-300LS-20BC**
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	—	**IBC-300LS-25BC**

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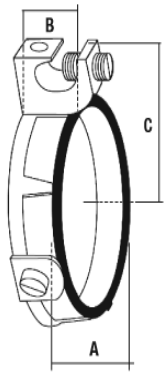
Set–Screw Insulated Grounding Bushing

For Threadless RMC IMC Conduit

IBC-LS-BC Series - with Bronze Lay-In-Lug for Copper Conductors.

NEC/CEC:
Listed for Ordinary Locations





Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Bronze Lug	O–Z/Gedney™ Catalog Number Bronze Lug
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	—	**IBC-350LS-4BC**
3-1/2	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	—	**IBC-350LS-20BC**
3-1/2	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	—	**IBC-350LS-25BC**
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	—	**IBC-400LS-4BC**
4	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	—	**IBC-400LS-20BC**
4	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	—	**IBC-400LS-25BC**
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	—	**IBC-500LS-4BC**
5	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	—	**IBC-500LS-20BC**
5	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	—	**IBC-500LS-25BC**
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	—	**IBC-600LS-4BC**
6	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	—	**IBC-600LS-20BC**
6	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	—	**IBC-600LS-25BC**

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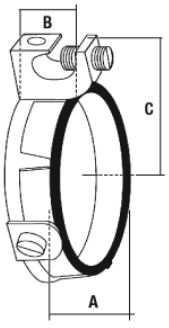
Set–Screw Insulated Grounding Bushing

For Threaded RMC IMC Conduit

GIB-L-AC and IBC-L-AC Series - with Aluminum Lay-In-Lug for Copper or Aluminum Conductors Only.

NEC/CEC:
Listed for Ordinary Locations





Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Aluminum Lug	O–Z/Gedney™ Catalog Number Aluminum Lug
1/2	14 SOL	4 STR	35.8 (1.41)	11.2 (0.44)	30.2 (1.19)	**GIB-50L-4AC**	**IBC–50L–4AC**
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	**GIB-75L-4AC**	**IBC–75L–4AC**
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	**GIB-100L-4AC**	**IBC–100L–4AC**
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	**GIB-100L-20AC**	**IBC–100L–20AC**
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	**GIB-125L-4AC**	**IBC–125L–4AC**
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	**GIB-125L-20AC**	**IBC–125L–20AC**
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	**GIB-150L-4AC**	**IBC–150L–4AC**
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	**GIB-150L-20AC**	**IBC–150L–20AC**
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	**GIB-200L-4AC**	**IBC–200L–4AC**
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	**GIB-200L-20AC**	**IBC–200L–20AC**
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	**GIB-250L-4AC**	**IBC–250L–4AC**
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	**GIB-250L-20AC**	**IBC–250L–20AC**
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	**GIB-250L-25AC**	**IBC–250L–25AC**
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	**GIB-300L-4AC**	**IBC–300L–4AC**
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	**GIB-300L-20AC**	**IBC–300L–20AC**
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	**GIB-300L-25AC**	**IBC–300L–25AC**

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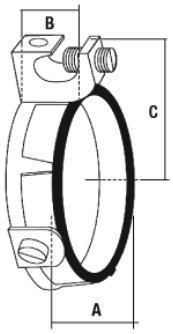
Set–Screw Insulated Grounding Bushing

For Threaded RMC IMC Conduit

GIB-L-AC and IBC-L-AC Series - with Aluminum Lay-In-Lug for Copper or Aluminum Conductors.

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Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Aluminum Lug	O–Z/Gedney™ Catalog Number Aluminum Lug
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	**GIB-350L-4AC**	**IBC–350L–4AC**
3-1/2	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	**GIB-350L-20AC**	**IBC–350L–20AC**
3-1/2	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	**GIB-350L-25AC**	**IBC–350L–25AC**
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	**GIB-400L-4AC**	**IBC–400L–4AC**
4	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	**GIB-400L-20AC**	**IBC–400L–20AC**
4	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	**GIB-400L-25AC**	**IBC–400L–25AC**
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	**GIB-500L-4AC**	**IBC–500L–4AC**
5	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	**GIB-500L-20AC**	**IBC–500L–20AC**
5	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	**GIB-500L-25AC**	**IBC–500L–25AC**
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	**GIB-600L-4AC**	**IBC–600L–4AC**
6	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	**GIB-600L-20AC**	**IBC–600L–20AC**
6	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	**GIB-600L-25AC**	**IBC–600L–25AC**

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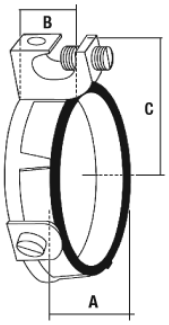
Set–Screw Insulated Grounding Bushing

For Threaded RMC IMC Conduit

GIB-L-BC and IBC-L-BC Series - with Bronze Lay-In-Lug for Copper Conductors Only.

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Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Bronze Lug	O–Z/Gedney™ Catalog Number Bronze Lug
1/2	14 SOL	4 STR	35.8 (1.41)	11.2 (0.44)	30.2 (1.19)	**GIB-50L-4BC**	**IBC–50L–4BC**
3/4	14 SOL	4 STR	36.6 (1.44)	12.7 (0.50)	33.3 (1.31)	**GIB-75L-4BC**	**IBC–75L–4BC**
1	14 SOL	4 STR	44.5 (1.75)	14.2 (0.56)	36.6 (1.44)	**GIB-100L-4BC**	**IBC–100L–4BC**
1	14 SOL	2/0 STR	44.5 (1.75)	14.2 (0.56)	42.9 (1.69)	**GIB-100L-20BC**	**IBC–100L–20BC**
1-1/4	14 SOL	4 STR	54.1 (2.13)	16.0 (0.63)	41.4 (1.63)	**GIB-125L-4BC**	**IBC–125L–4BC**
1-1/4	14 SOL	2/0 STR	54.1 (2.13)	16.0 (0.63)	35.8 (1.41)	**GIB-125L-20BC**	**IBC–125L–20BC**
1-1/2	14 SOL	4 STR	58.7 (2.31)	17.5 (0.69)	44.5 (1.75)	**GIB-150L-4BC**	**IBC–150L–4BC**
1-1/2	14 SOL	2/0 STR	58.7 (2.31)	17.5 (0.69)	50.8 (2.00)	**GIB-150L-20BC**	**IBC–150L–20BC**
2	14 SOL	4 STR	71.4 (2.81)	19.1 (0.75)	50.8 (2.00)	**GIB-200L-4BC**	**IBC–200L–4BC**
2	14 SOL	2/0 STR	71.4 (2.81)	19.1 (0.75)	57.2 (2.25)	**GIB-200L-20BC**	**IBC–200L–20BC**
2-1/2	14 SOL	4 STR	85.9 (3.38)	22.4 (0.88)	57.2 (2.25)	**GIB-250L-4BC**	**IBC–250L–4BC**
2-1/2	14 SOL	2/0 STR	85.9 (3.38)	22.4 (0.88)	63.5 (2.50)	**GIB-250L-20BC**	**IBC–250L–20BC**
2-1/2	6 STR	250 STR	85.9 (3.38)	22.4 (0.88)	62.7 (2.47)	—	**IBC–250L–25BC**
3	14 SOL	4 STR	103.1 (4.06)	33.3 (1.31)	66.8 (2.63)	**GIB-300L-4BC**	**IBC–300L–4BC**
3	14 SOL	2/0 STR	103.1 (4.06)	33.3 (1.31)	71.4 (2.81)	**GIB-300L-20BC**	**IBC–300L–20BC**
3	6 STR	250 STR	103.1 (4.06)	33.3 (1.31)	84.1 (3.31)	—	**IBC–300L–25BC**

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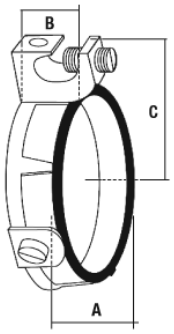
Set–Screw Insulated Grounding Bushing

For Threaded RMC IMC Conduit

GIB-L-BC and IBC-L-BC Series - with Bronze Lay-In-Lug for Copper Conductors Only.

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Trade Size (Inches)	Wire Size Min.	Wire Size Max.	Dimensions in Millimeters (Inches) A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug	Appleton™ Catalog Number Bronze Lug	O–Z/Gedney™ Catalog Number Bronze Lug
3-1/2	14 SOL	4 STR	114.3 (4.50)	25.4 (1.00)	73.2 (2.88)	**GIB-350L-4BC**	**IBC–350L–4BC**
3-1/2	14 SOL	2/0 STR	114.3 (4.50)	25.4 (1.00)	77.7 (3.06)	**GIB-350L-20BC**	**IBC–350L–20BC**
3-1/2	6 STR	250 STR	114.3 (4.50)	25.4 (1.00)	88.9 (3.50)	—	**IBC–350L–25BC**
4	14 SOL	4 STR	131.8 (5.19)	26.9 (1.06)	79.5 (3.13)	**GIB-400L-4BC**	**IBC–400L–4BC**
4	14 SOL	2/0 STR	131.8 (5.19)	26.9 (1.06)	85.9 (3.38)	**GIB-400L-20BC**	**IBC–400L–20BC**
4	6 STR	250 STR	131.8 (5.19)	26.9 (1.06)	96.8 (3.81)	—	**IBC–400L–25BC**
5	14 SOL	4 STR	153.9 (6.06)	31.8 (1.25)	92.2 (3.63)	**GIB-500L-4BC**	**IBC–500L–4BC**
5	14 SOL	2/0 STR	153.9 (6.06)	31.8 (1.25)	98.6 (3.88)	**GIB-500L-20BC**	**IBC–500L–20BC**
5	6 STR	250 STR	153.9 (6.06)	31.8 (1.25)	109.5 (4.31)	—	**IBC–500L–25BC**
6	14 SOL	4 STR	184.2 (7.25)	33.3 (1.31)	108.0 (4.25)	**GIB-600L-4BC**	**IBC–600L–4BC**
6	14 SOL	2/0 STR	184.2 (7.25)	33.3 (1.31)	112.8 (4.44)	**GIB-600L-20BC**	**IBC–600L–20BC**
6	6 STR	250 STR	184.2 (7.25)	33.3 (1.31)	124.0 (4.88)	—	**IBC–600L–25BC**

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Rigid Conduit and IMC Locknuts

NEC/CEC:
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Application

- Used to secure and ground conduits and fittings to enclosures.

Material

- Zinc plated steel or aluminum

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853, E-24264
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Weight per 100 kg (lb)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Locknuts — Steel						
	3/8	23.9 (0.94)	3.3 (0.13)	0.64 (1.40)	**BL38**	**1–38S**
	1/2	28.7 (1.13)	3.3 (0.13)	0.59 (1.30)	**BL50**	**1–50S**
	3/4	35.1 (1.38)	3.3 (0.13)	1.09 (2.40)	**BL75**	**1–75S**
	1	42.9 (1.69)	4.8 (0.19)	1.81 (4.00)	**BL100**	**1–100S**
	1-1/4	57.2 (2.25)	4.8 (0.19)	2.49 (5.50)	**BL125**	**1–125S**
	1-1/2	60.5 (2.38)	4.8 (0.19)	4.54 (10.00)	**BL150**	**1–150S**
	2	73.2 (2.88)	4.8 (0.19)	6.30 (13.90)	**BL200**	**1–200S**
	2 - 1/2	90.4 (3.56)	9.7 (0.38)	10.89 (24.00)	**BL250**	**1–250**
	3	108.0 (4.25)	9.7 (0.38)	14.51 (32.00)	**BL300**	**1–300**
	3 - 1/2	122.2 (4.81)	9.7 (0.38)	21.32 (47.00)	**BL350**	**1–350**
	4	138.2 (5.44)	9.7 (0.38)	27.22 (60.00)	**BL400**	**1–400**
	5	169.9 (6.69)	12.7 (0.50)	44.45 (98.00)	**BL500**	**1–500**
	6	201.7 (7.94)	12.7 (0.50)	72.57 (160.00)	**BL600**	**1–600**
PVC Gasketed Sealing Locknuts — Steel — Liquidtight						
	1/2	28.7 (1.13)	6.4 (0.25)	0.64 (1.40)	**BLSG50**	**SLG–50S**
	3/4	35.3 (1.39)	6.4 (0.25)	1.18 (2.60)	**BLSG75**	**SLG–75S**
	1	44.5 (1.75)	7.1 (0.28)	2.27 (5.00)	**BLSG100**	**SLG–100S**
	1-1/4	53.1 (2.09)	7.1 (0.28)	3.08 (6.80)	**BLSG125**	**SLG–125S**
	1-1/2	61.2 (2.41)	7.1 (0.28)	5.22 (11.50)	**BLSG150**	**SLG–150S**
	2	74.7 (2.94)	7.9 (0.31)	6.67 (14.70)	**BLSG200**	**SLG–200S**
	2 - 1/2	88.9 (3.50)	9.7 (0.38)	10.89 (24.00)	**BLSG250**	**SLG–250S**
	3	106.4 (4.19)	9.7 (0.38)	14.51 (32.00)	**BLSG300**	**SLG–300S**
	3 - 1/2	120.7 (4.75)	11.2 (0.44)	21.32 (47.00)	**BLSG350**	**SLG–350S**
	4	135.6 (5.34)	11.2 (0.44)	27.22 (60.00)	**BLSG400**	**SLG–400S** ①
	5	168.4 (6.63)	12.7 (0.50)	44.45 (98.00)	**BLSG500**	—
	6	200.2 (7.88)	14.2 (0.56)	72.57 (160.00)	**BLSG600**	—

① *Not UL or CSA certified*

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Rigid Conduit and IMC Locknuts

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	Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Weight per 100 kg (lb)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number
Bonding Locknuts — Steel						
	1/2	35.1 (1.38)	4.8 (0.19)	1.36 (3.00)	**GL50**	**101**
	3/4	41.4 (1.63)	4.8 (0.19)	1.36 (3.00)	**GL75**	**102**
	1	46.0 (1.81)	6.4 (0.25)	2.27 (5.00)	**GL100**	**103**
	1-1/4	58.7 (2.31)	6.4 (0.25)	2.72 (6.00)	**GL125**	**104**
	1-1/2	66.8 (2.63)	6.4 (0.25)	3.18 (7.00)	**GL150**	**105**
	2	79.5 (3.13)	6.4 (0.25)	5.90 (13.00)	**GL200**	**106**
	2 - 1/2	90.4 (3.56)	11.2 (0.44)	8.16 (18.00)	**GL250**	**107**
	3	108.0 (4.25)	11.2 (0.44)	16.78 (37.00)	**GL300**	**108**
	3 - 1/2	122.2 (4.81)	12.7 (0.50)	20.41 (45.00)	**GL350**	**109**
	4	138.2 (5.44)	12.7 (0.50)	22.68 (50.00)	**GL400**	**110**
	5	177.8 (7.0)	12.7 (0.5)	78.26 (35.50)	—	**112** ①
	6	206.5 (8.13)	12.7 (0.5)	103.05 (46.70)	—	**113** ①
Locknuts — Aluminum						
	1/2	28.7 (1.13)	4.8 (0.19)	0.23 (0.50)	**BL50A**	**1–50A**
	3/4	35.1 (1.38)	4.8 (0.19)	0.36 (0.80)	**BL75A**	**1–75A**
	1	42.9 (1.69)	4.8 (0.19)	0.73 (1.60)	**BL100A**	**1–100A**
	1-1/4	57.2 (2.25)	4.8 (0.19)	1.32 (2.90)	**BL125A**	**1–125A**
	1-1/2	60.5 (2.38)	4.8 (0.19)	1.00 (2.20)	**BL150A**	**1–150A**
	2	73.2 (2.88)	4.8 (0.19)	2.18 (4.80)	**BL200A**	**1–200A**
	2 - 1/2	90.4 (3.56)	9.7 (0.38)	3.40 (7.50)	**BL250A**	**1–250A**
	3	108.0 (4.25)	9.7 (0.38)	4.81 (10.60)	**BL300A**	**1–300A**
	3 - 1/2	122.2 (4.81)	9.7 (0.38)	6.49 (14.30)	**BL350A**	**1–350A**
	4	138.2 (5.44)	9.7 (0.38)	8.44 (18.60)	**BL400A**	**1–400A**
	5	12.7 (0.5)	169.93 (6.69)	13.70 (30.20)	—	**1–500A**
	6	12.7 (0.5)	201.68 (7.94)	40.12 (18.20)	—	**1–600A**

① *Not UL or CSA certified*

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NEER™ Zinc and Plastic Bushings

NEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

GB: Insulated

Applications

- Used with a locknut to terminate rigid and IMC conduit to a box or enclosure.
- Provides a smooth pulling surface.

Features

- Plastic throat liner prevents damage to wire insulation.
- Insuliner rated at 150 °C (302 °F).

Material/Finish

- Zinc diecast

NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E11853
- NEMA: FB-1



GB–100

Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Wire Range	Catalog Number
1/2	26.4 (1.40)	10.7 (0.42)	4-14	**GB-100**
3/4	33.5 (1.32)	12.4 (0.49)	4-14	**GB-200**
1	38.1 (1.50)	12.7 (0.50)	4-14	**GB-300**
1-1/4	49.5 (1.95)	17.0 (0.67)	1/0-14	**GB-400**
1-1/2	54.1 (2.13)	16.5 (0.65)	1/0-14	**GB-500**
2	68.8 (2.71)	18.5 (0.73)	1/0-14	**GB-600**
2 - 1/2	86.6 (3.41)	23.6 (0.93)	1/0-14	**GB-700**
3	104.1 (4.10)	25.4 (1.00)	1/0-14	**GB-800**
3 - 1/2	108.7 (4.28)	19.1 (0.75)	1/0-14	**GB-900**
4	128.0 (5.04)	25.4 (1.00)	1/0-14	**GB-1000**

PB-D: Insulating

Applications

- Threaded plastic bushings are used at the end of threaded conduit, or conduit connector, to provide smooth well rounded bearing surface for wires or cables as required by the National Electrical Code.

Features

- Temperature rating is 105 °C (221 °F).

Material/Finish

- Gray polypropylene

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 229356
- NEMA: FB-1
- UL Flammability Rating: V-2



PB–D

Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Catalog Number
1/2	26.2 (1.03)	9.4 (0.37)	**PB-100-D**
3/4	32.5 (1.28)	9.9 (0.39)	**PB-200-D**
1	41.9 (1.65)	12.7 (0.50)	**PB-300-D**
1-1/4	53.3 (2.10)	12.4 (0.49)	**PB-400-D**
1-1/2	57.9 (2.28)	12.4 (0.49)	**PB-500-D**
2	67.6 (2.66)	13.7 (0.54)	**PB-600-D**
2 - 1/2	84.1 (3.31)	16.0 (0.63)	**PB-700-D**
3	100.3 (3.95)	17.8 (0.70)	**PB-800-D**
3 - 1/2	112.0 (4.41)	18.0 (0.71)	**PB-900-D**
4	125.5 (4.94)	18.5 (0.73)	**PB-1000-D**
5	162.1 (6.38)	25.4 (1.00)	**PB-1100-D**
6	190.5 (7.50)	25.1 (0.99)	**PB-1200-D**

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NEER™ Zinc Grounding Type Insulated Bushings

For Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- Used with a locknut to terminate rigid metal conduit or IMC conduit to a box or enclosure.

Features

- Threaded (NPS) for rigid conduit and IMC.
- Temperature rating 150 °C.
- Low surface friction permits pulling of wires with virtually no abrasion on the cable insulation.
- Set screw provided with each fitting locks bushing in any desired position.
- For use with copper or aluminum grounding conductors.

Material/Finish

- Body: zinc
- Lug: aluminum/tin plated
- Clamping screw: steel/zinc plated
- Set screws: steel/zinc plated

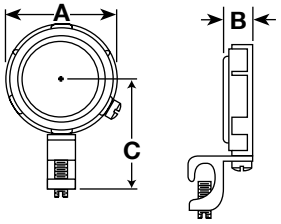
NEC/CEC Certifications and Compliances

- UL Standard: 467, 514B
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GBL

Illustrated Dimensions



Dimensions in Millimeters (Inches)					
Trade Size (Inches)	A Bushing Diameter	B Bushing Diameter	C Turning Radius w/Lug	Wire Range	Catalog Number
1/2	26.4 (1.04)	12.4 (0.49)	34.5 (1.36)	4-14	**GBL-100**
3/4	32.5 (1.28)	12.4 (0.49)	37.6 (1.48)	4-14	**GBL-200**
1	38.9 (1.53)	15.2 (0.60)	39.9 (1.57)	4-14	**GBL-300**
1-1/4	48.0 (1.89)	15.5 (0.61)	54.4 (2.14)	1/0-14	**GBL-400**
1-1/2	54.9 (2.16)	15.2 (0.60)	57.4 (2.26)	1/0-14	**GBL-500**
2	67.6 (2.66)	15.2 (0.60)	63.2 (2.49)	1/0-14	**GBL-600**
2 - 1/2	82.0 (3.23)	21.1 (0.83)	70.1 (2.76)	1/0-14	**GBL-700**
3	97.8 (3.85)	21.1 (0.83)	78.0 (3.07)	1/0-14	**GBL-800**
3 - 1/2	110.5 (4.35)	21.1 (0.83)	84.6 (3.33)	1/0-14	**GBL-900**
4	123.7 (4.87)	21.1 (0.83)	90.7 (3.57)	1/0-14	**GBL-1000**

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NEER™ Standard Conduit Locknuts

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Rated for Ordinary Locations

L-D: Zinc Diecast

Applications

- For securing threaded conduit or connectors with tapered or straight thread to a knockout or unthreaded slip hole.

Features

- Single cast thread eliminates cross-threading.
- UL Listed as a fi ttings locknut and stand alone rigid conduit locknut.
- All locknuts are symmetrical and can be assembled from either side.
- Conical flange on either side enters the knockout creating a 360° ground path.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



L–100–D

Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Catalog Number
1/2	27.9 (1.10)	4.1 (0.16)	**L-100-D**
3/4	34.5 (1.36)	4.1 (0.16)	**L-200-D**
1	42.7 (1.68)	5.1 (0.20)	**L-300-D**
1 - 1/4	52.1 (2.05)	5.3 (0.21)	**L-400-D**
1 - 1/2	60.5 (2.38)	5.3 (0.21)	**L-500-D**
2	73.9 (2.91)	5.3 (0.21)	**L-600-D**
2 - 1/2	89.4 (3.52)	7.4 (0.29)	**L-700-D**
3	105.4 (4.15)	7.6 (0.30)	**L-800-D**
3 - 1/2	118.1 (4.65)	7.1 (0.28)	**L-900-D**
4	130.0 (5.12)	7.4 (0.29)	**L-1000-D**

L: Steel

Applications

- For securing threaded conduit or connectors with tapered or straight thread to a knockout or unthreaded slip hole.

Material/Finish

- Steel/zinc plated



L–100

Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Catalog Number
1/2	28.7 (1.13)	3.3 (0.13)	**L-100**
3/4	35.6 (1.40)	3.3 (0.13)	**L-200**
1	43.7 (1.72)	3.8 (0.15)	**L-300**
1-1/4	52.8 (2.08)	3.8 (0.15)	**L-400**
1-1/2	61.0 (2.40)	4.1 (0.16)	**L-500**
2	73.7 (2.90)	4.3 (0.17)	**L-600**
2-1/2	88.4 (3.48)	4.8 (0.19)	**L-700**
3	104.9 (4.13)	4.6 (0.18)	**L-800**
3-1/2	119.4 (4.70)	5.1 (0.20)	**L-900**
4	135.1 (5.32)	5.1 (0.20)	**L-1000**
5	162.1 (6.38)	10.7 (0.42)	**L-1100**
6	196.9 (7.75)	10.9 (0.43)	**L-1200**

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NEER™ Standard Conduit Locknuts

NEC:
Listed for Ordinary Locations

NEC:
Listed for Ordinary Locations

GL: Bonding Wedge

Applications

- Used with bushings to bond threaded rigid conduit and IMC to boxes, cabinets or other enclosures where locknut is exposed.

Features

- Threaded for rigid conduit and IMC.

Material/Finish

- Steel/zinc plated

NEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- NEMA: FB-1



GL–100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	34.3 (1.35)	5.1 (0.20)	**GL-100-D**
3/4	40.1 (1.58)	5.1 (0.20)	**GL-200-D**
1	47.8 (1.88)	5.6 (0.22)	**GL-300-D**
1 - 1/4	58.4 (2.30)	5.8 (0.23)	**GL-400-D**
1 - 1/2	66.0 (2.60)	5.8 (0.23)	**GL-500-D**
2	78.5 (3.09)	6.6 (0.26)	**GL-600-D**
2 - 1/2	89.4 (3.52)	11.4 (0.45)	**GL-700-D**
3	106.4 (4.19)	11.4 (0.45)	**GL-800-D**
3 - 1/2	121.7 (4.79)	11.4 (0.45)	**GL-900-D**
4	134.9 (5.31)	11.4 (0.45)	**GL-1000-D**

LS: Bonded with Neoprene Gasket

Applications

- Provides a wet location/raintight seal when securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole of a box or enclosure.

Material/Finish

- Stamped steel/zinc plated

NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- NEMA: FB-1



LS–100

Trade Size (Inches)	Dimensions in Millimeters (Inches)		Catalog Number
	Diameter	Height	
1/2	28.7 (1.13)	5.8 (0.23)	**LS-100**
3/4	35.6 (1.40)	6.6 (0.26)	**LS-200**
1	43.7 (1.72)	6.9 (0.27)	**LS-300**
1 - 1/4	52.6 (2.07)	7.4 (0.29)	**LS-400**
1 - 1/2	60.2 (2.37)	7.6 (0.30)	**LS-500**
2	73.4 (2.89)	8.4 (0.33)	**LS-600**
2 - 1/2	87.4 (3.44)	8.6 (0.34)	**LS-700**
3	104.6 (4.12)	9.1 (0.36)	**LS-800**
3 - 1/2	118.9 (4.68)	10.2 (0.40)	**LS-900**
4	133.1 (5.24)	10.2 (0.40)	**LS-1000**

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Type RW Reducing Washers

NEC/CEC:
Listed for Ordinary Locations

Features

- To reduce a knockout or sliphole in a sheet metal enclosure to a smaller trade size.

Standard Materials

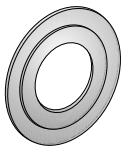
- Steel

Standard Finishes

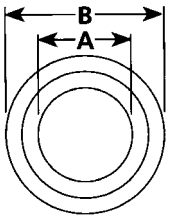
- Zinc pre-galvanized

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 057250
- NEMA: FB-1



Type RW



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
3/4 x 1/2	22.35 (0.88)	36.58 (1.44)	**RW-2S**
1 x 1/2	22.35 (0.88)	44.45 (1.75)	**RW-3S**
1 x3/4	28.19 (1.11)	44.45 (1.75)	**RW-4S**
1-1/4 x 1/2	22.35 (0.88)	55.63 (2.19)	**RW-5S**
1-1/4 x3/4	28.19 (1.11)	55.63 (2.19)	**RW-6S**
1-1/4 x 1	34.80 (1.37)	55.63 (2.19)	**RW-7S**
1-1/2 x 1/2	22.35 (0.88)	63.50 (2.50)	**RW-8S**
1-1/2 x3/4	28.19 (1.11)	63.50 (2.50)	**RW-9S**
1-1/2 x 1	34.80 (1.37)	63.50 (2.50)	**RW-10S**
1-1/2 x 1-1/4	43.94 (1.73)	63.50 (2.50)	**RW-11S**
2 x 1/2	22.35 (0.88)	76.20 (3.00)	**RW-12S**
2 x3/4	28.19 (1.11)	76.20 (3.00)	**RW-13S**
2 x 1	34.80 (1.37)	76.20 (3.00)	**RW-14S**
2 x 1-1/4	43.94 (1.73)	76.20 (3.00)	**RW-15S**
2 x 1-1/2	50.29 (1.98)	76.20 (3.00)	**RW-16S**
2-1/2 x 1/2	22.35 (0.88)	88.90 (3.50)	**RW-17S**
2-1/2 x3/4	28.19 (1.11)	88.90 (3.50)	**RW-18S**
2-1/2 x 1	34.80 (1.37)	88.90 (3.50)	**RW-19S**
2-1/2 x 1-1/4	43.94 (1.73)	88.90 (3.50)	**RW-20S**
2-1/2 x 1-1/2	50.29 (1.98)	88.90 (3.50)	**RW-21S**
2-1/2 x 2	62.23 (2.45)	88.90 (3.50)	**RW-22S**
3 x 1	34.80 (1.37)	104.90 (4.13)	**RW-25S**
3 x 1-1/4	43.94 (1.73)	104.90 (4.13)	**RW-26S**
3 x 1-1/2	50.29 (1.98)	104.90 (4.13)	**RW-27S**
3 x 2	62.23 (2.45)	104.90 (4.13)	**RW-28S**
3 x 2-1/2	75.44 (2.97)	104.90 (4.13)	**RW-29S**
3-1/2 x 1-1/2	50.29 (1.98)	117.60 (4.63)	**RW-34S** ①
3-1/2 x 2	62.23 (2.45)	117.60 (4.63)	**RW-35S** ①
3-1/2 x 2-1/2	75.44 (2.97)	117.60 (4.63)	**RW-36S** ①
3-1/2 x 3	91.19 (3.59)	117.60 (4.63)	**RW-37S** ①
4 x 2	63.50 (2.50)	130.81 (5.15)	**RW-43S** ①
4 x 2-1/2	75.44 (2.97)	130.81 (5.15)	**RW-44S** ①
4 x 3	91.19 (3.59)	130.81 (5.15)	**RW-45S** ①
4 x 3-1/2	104.90 (4.13)	130.81 (5.15)	**RW-46S** ①

① *Not CSA Certified.*

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Reducing Washers

NEC/CEC:
Listed for Ordinary Locations

Applications

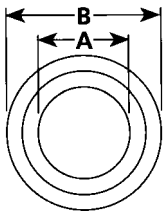
- To reduce a knockout or sliphole in a sheet metal enclosure to a smaller trade size.

Material

- Steel

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14817
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number	
Reducing Washers — Steel							
	3/4 to 1/2	34.0 (1.34)	22.4 (0.88)	—	0.54 (1.20)	**RW75-50**	
	1 to 1/2	42.9 (1.69)	22.4 (0.88)	—	1.09 (2.40)	**RW100-50**	
	1 to 3/4	42.9 (1.69)	28.2 (1.11)	—	0.91 (2.00)	**RW100-75**	
	1-1/4 to 1/2	51.6 (2.03)	22.4 (0.88)	—	2.27 (5.00)	**RW125-50**	
	1-1/4 to 3/4	51.6 (2.03)	28.2 (1.11)	—	1.99 (4.40)	**RW125-75**	
	1-1/4 to 1	51.6 (2.03)	35.1 (1.38)	—	1.36 (3.00)	**RW125-100**	
	1-1/2 to 1/2	57.9 (2.28)	22.4 (0.88)	—	2.99 (6.60)	**RW150-50**	
	1-1/2 to 3/4	57.9 (2.28)	28.2 (1.11)	—	2.72 (6.00)	**RW150-75**	
	1-1/2 to 1	57.9 (2.28)	35.1 (1.38)	—	2.27 (5.00)	**RW150-100**	
	1-1/2 to 1-1/4	57.9 (2.28)	43.9 (1.73)	—	1.81 (4.00)	**RW150-125**	
	2 to 1/2	69.9 (2.75)	22.4 (0.88)	—	4.54 (10.00)	**RW200-50**	
	2 to 3/4	69.9 (2.75)	28.2 (1.11)	—	3.63 (8.00)	**RW200-75**	
	2 to 1	69.9 (2.75)	35.1 (1.38)	—	3.63 (8.00)	**RW200-100**	
	2 to 1-1/4	69.9 (2.75)	43.9 (1.73)	—	3.18 (7.00)	**RW200-125**	
	2 to 1-1/2	69.9 (2.75)	50.3 (1.98)	—	2.27 (5.00)	**RW200-150**	

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NEER™ Reducing Washers and Bushings

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

RWN: Reducing Washer

Applications
- Reduce knockout size on sheet metal box, enclosure or cabinet.

Material/Finish
- Galvanized steel

NEC/CEC Certifications and Compliances
- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E61301
- NEMA: FB-1

Note: Two reducing washers are required for each knockout.



RWN

Trade Size (Inches)	Dimensions in Millimeters (Inches) Inside Diameter	Outside Diameter	Catalog Number
3/4 x 1/2	22.4 (0.88)	36.6 (1.44)	**RWN-503**
1 x 1/2	22.4 (0.88)	44.5 (1.75)	**RWN-504**
1 x 3/4	28.2 (1.11)	44.5 (1.75)	**RWN-505**
1-1/4 x 1/2	22.4 (0.88)	55.6 (2.19)	**RWN-506**
1-1/4 x 3/4	28.2 (1.11)	55.6 (2.19)	**RWN-507**
1-1/4 x 1	34.8 (1.37)	55.6 (2.19)	**RWN-508**
1-1/2 x 1/2	22.4 (0.88)	63.5 (2.50)	**RWN-509**
1-1/2 x 3/4	28.2 (1.11)	63.5 (2.50)	**RWN-510**
1-1/2 x 1	34.8 (1.37)	63.5 (2.50)	**RWN-511**
1-1/2 x 1-1/4	43.9 (1.73)	63.5 (2.50)	**RWN-512**
2 x 1/4	22.4 (0.88)	76.2 (3.00)	**RWN-513**
2 x 3/4	28.2 (1.11)	76.2 (3.00)	**RWN-514**
2 x 1	34.8 (1.37)	76.2 (3.00)	**RWN-515**
2 x 1-1/4	43.9 (1.73)	76.2 (3.00)	**RWN-516**
2 x 1-1/2	50.3 (1.98)	76.2 (3.00)	**RWN-517**

RB: Reducing Bushing Flush Type

Applications
- To reduce the trade size of a tapered entry.

Features
- Threaded for rigid conduit and IMC.

Material/Finish
- Steel/zinc plated

NEC/CEC Certifications and Compliances
- UL Standard: 514B
- UL Listed: E-163167
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 70872
- NEMA: FB-1



RB

Trade Size (Inches)	Dimensions in Millimeters (Inches) Diameter	Height	Catalog Number
3/4 x 1/2	17.0 (0.67)	26.2 (1.03)	**RB-2**
1 x 1/2	18.0 (0.71)	32.5 (1.28)	**RB-3**
1 x 3/4	17.8 (0.70)	32.3 (1.27)	**RB-4**
1-1/4 x 1/2	18.0 (0.71)	41.1 (1.62)	**RB-5**
1-1/4 x 3/4	20.8 (0.82)	41.1 (1.62)	**RB-6**
1-1/4 x 1	20.8 (0.82)	41.4 (1.63)	**RB-7**
1-1/2 x 1/2	21.6 (0.85)	47.5 (1.87)	**RB-8**
1-1/2 x 3/4	21.6 (0.85)	47.8 (1.88)	**RB-9**
1-1/2 x 1	22.1 (0.87)	47.5 (1.87)	**RB-10**
1-1/2 x 1-1/4	21.6 (0.85)	47.5 (1.87)	**RB-11**
2 x 1/4	24.6 (0.97)	59.2 (2.33)	**RB-12**
2 x 3/4	24.9 (0.98)	59.4 (2.34)	**RB-13**
2 x 1	25.4 (1.00)	59.4 (2.34)	**RB-14**
2 x 1-1/4	24.6 (0.97)	59.4 (2.34)	**RB-15**
2 x 1-1/2	25.1 (0.99)	59.4 (2.34)	**RB-16**

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Ground Clamps

Cable Tray

NEC/CEC:
Listed for Ordinary Locations

Applications

- Terminates ground wire to cable tray.

Features

- For aluminum or copper conductors.
- 1⁄4" hex wrench tightens both tray and conductor set screws.
- Tray-gripping serrations bite through insulating oxide on surface of aluminum tray.
- For 1⁄2" max. straight tray rail, or 1⁄4" 90° tray rail.
- Conductor size #6 to 250 MCM

Standard Materials

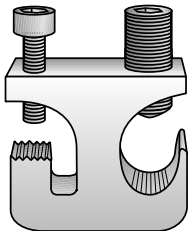
- Clamp - extruded aluminum
- Screws - steel

Standard Finishes

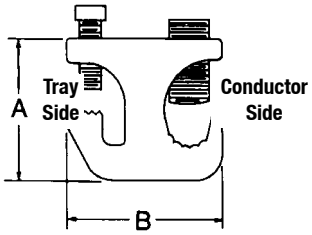
- Clamp - tin plated
- Screws - zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 009795
- For copper conductors only



Type CTGC



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)		
Min.	Max.	A	B	Catalog Number
6	250	50.8 (2.00)	44.5 (1.75)	**CTGC-6-25A**

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Ground Clamps

Commodity Grade

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground a conductor to a driven ground rod.

Features

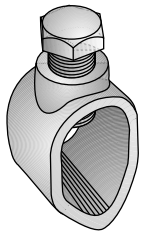
- High strength cast bronze.
- Suitable for direct burial and wet locations.

Standard Materials

- Cast bronze

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 057250
- NEMA: FB-1



Type GRC

Ground Rod Size Inches	Screw Thread Size (UNC–2A)	Conductor Range AWG Min.	Conductor Range AWG Max.	Dimensions in Millimeters (Inches) Max. Height	Max. Width Across Open End	Side Length	Catalog Number
1/2	3/8 - 16	10	2	45.97 (1.81)	20.57 (0.81)	23.88 (0.94)	**GRC-50-02B**
5/8	3/8 - 16	10	2	47.75 (1.88)	23.88 (0.94)	16.00 (0.63)	**GRC-62-02B**
5/8	3/8 - 16	8	1/0	49.28 (1.94)	22.35 (0.88)	25.40 (1.00)	**GRC-62-10B**
3/4	3/8 - 16	8	1/0	55.63 (2.19)	26.92 (1.06)	28.70 (1.13)	**GRC-75-10B**

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Ground Clamps

Universal Ground Clamp System

NEC/CEC:
Listed for Ordinary Locations

Applications

- For connecting grounding conductors to cold water ground pipe in sizes 1-1/4" through 12".

Features

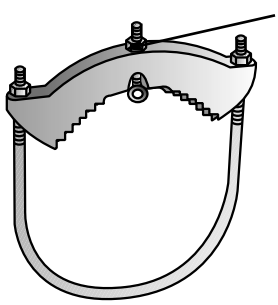
- Standard built-in ground wire connector for #8 Sol. through #2 Str. AWG wire.
- Cast Bronze clamps are suitable for direct burial and wet locations.

Materials/Finish

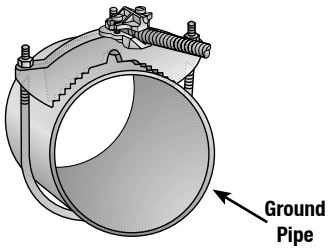
- Catalog numbers with suffix "G" are malleable iron, hot dip galvanized. Bolts and nuts are steel, hot dip or mechanically galvanized.
- Catalog numbers with suffix "B" are cast bronze with silicone bronze bolts and nuts.

NEC/CEC Certifications and Compliances

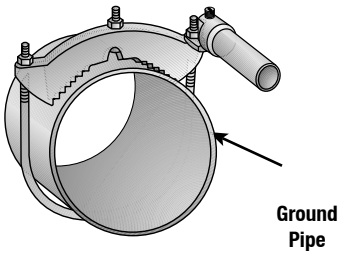
- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E



Type G



**Type G with Type GWA
Armor Ground Wire Connector**



**Type G with Type GH
Ground Hub**

Dimensions in Millimeters (Inches)

Nominal Size	Ground Pipe Size Dimensions in Millimeters (Inches) O.D. Range Min.	Max.	Thk.	Width	Height Max.	U–Bolt	Malleable Iron Catalog Number	Cast Bronze Catalog Number
1-1/4—1-1/2—2	42.2 (1.66)	60.5 (2.38)	22.4 (0.88)	92.2 (3.63)	117.6 (4.63)	7.9 (0.31)	**G-200G**	**G-200B**
2-1/2—3—3-1/2	73.2 (2.88)	101.6 (4.00)	22.4 (0.88)	133.4 (5.25)	163.6 (6.44)	7.9 (0.31)	**G-350G**	**G-350B**
4—4 1/2—5	114.3 (4.50)	141.2 (5.56)	22.4 (0.88)	173.0 (6.81)	203.2 (8.00)	7.9 (0.31)	**G-500G**	**G-500B**
6	152.4 (6.00)	180.3 (7.10)	22.4 (0.88)	212.9 (8.38)	242.8 (9.56)	7.9 (0.31)	**G-600G**	**G-600B**
8	203.2 (8.00)	236.2 (9.30)	22.4 (0.88)	270.0 (10.63)	300.0 (11.81)	7.9 (0.31)	**G-800G**	**G-800B**
10	254.0 (10.00)	289.6 (11.40)	22.4 (0.88)	323.9 (12.75)	354.1 (13.94)	7.9 (0.31)	**G-1000G**	**G-1000B**
12	304.8 (12.00)	342.9 (13.50)	22.4 (0.88)	376.2 (14.81)	406.4 (16.00)	7.9 (0.31)	**G-1200G**	**G-1200B**

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Ground Clamps

Universal Ground Clamp System

NEC/CEC:
Listed for Ordinary Locations

Applications

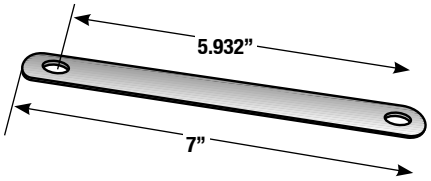
- To provide flexible connection between ground hub and universal clamp.

Standard Materials

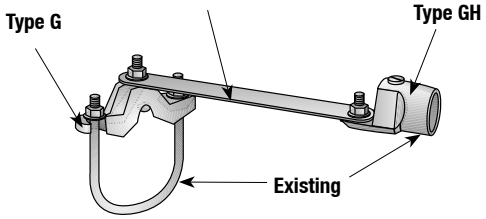
- Copper

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard: C22.2 No. 41
- Fed. Spec: W-F-406E



Type GES–02



Type GES–02 between Hub and Ground Clamp

Dimensions in Millimeters (Inches)						
Number of Straps (Required)	Mounting Centers	Width.	Strap Holes	Thickness	Max. Ground Wire Size	Catalog Number
1	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	2 AWG/kcmil	GES-02
2	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	2/0 AWG/kcmil	
3	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	3/0 AWG/kcmil	
4	6	25.4 (1.00)	8.6 (0.34)	1.5 (0.06)	250 AWG/kcmil	

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Ground Clamps

Universal Ground Clamp Accessories

NEC:
Listed for Ordinary Locations

Applications

- For use with the universal ground clamps to connect grounding conductors run bare, in armor, or in conduit. Fits all basic ground clamp systems.

Standard Materials

- Type GH-G - Malleable Iron, steel screws
- Type GH-B - cast bronze, brass screws

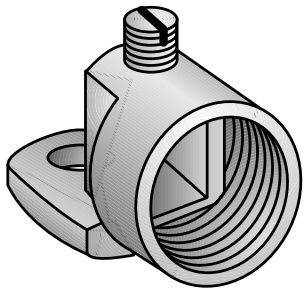
Standard Finishes

- Type GH-G - hot dip galvanized, steel screws - zinc electroplated

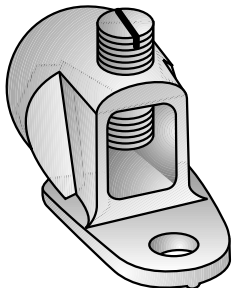
NEC Certifications and Compliances

- UL Standard: 514A
- UL Listed: E-24264
- Fed. Spec: W-F-406E

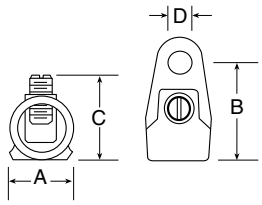
NOTE: All cast bronze and brass accessories are suitable for direct burial.



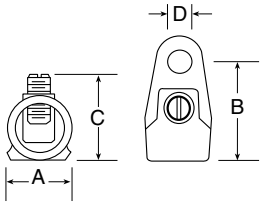
Type GH–G
Malleable Iron – Hot Dip Galvanized



Type GH–B
Cast Bronze



Type GH

	Trade Size (Inches)	Conductor Range AWG/kcmil Min.	Conductor Range AWG/kcmil Max.	Dimensions in Millimeters (Inches) A	B	Max. C	D	Malleable Iron Catalog Number	Cast Bronze Catalog Number
GROUND HUBS									
	1/2	8	2	25.4 (1.00)	38.1 (1.50)	35.1 (1.38)	9.7 (0.38)	**GH-50G**	**GH-50B**
	3/4	4	2/0	31.8 (1.25)	47.8 (1.88)	42.9 (1.69)	9.7 (0.38)	**GH-75G**	**GH-75B**
	1	1	250	38.1 (1.50)	54.1 (2.13)	55.6 (2.19)	9.7 (0.38)	**GH-100G**	**GH-100B**
	1-1/4	4/0	500	47.8 (1.88)	63.5 (2.50)	68.3 (2.69)	9.7 (0.38)	**GH-125G**	**GH-125B**

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Ground Clamps

Commodity Grade

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground a conductor to metallic pipe, tubing or ground rod.

Features

- High strength cast copper alloy.
- Screws electroplated to resist corrosion.
- GC: Bare wire clamp from #10 solid to #3 stranded AWG.
- GCA: Armored cable or rigid conduit clamp from #8 solid to #4 stranded AWG.
- GCH: Rigid conduit clamp from #10 solid #4 stranded AWG.
- GCA and GC-100-02B are reversible for attachment to ground rods.

Standard Materials

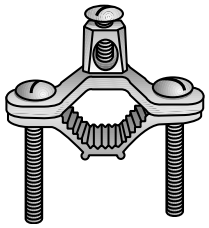
- Casting - copper alloy
- Screws - steel

Standard Finishes

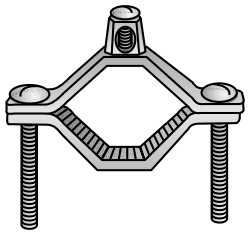
- Copper alloy - natural finish
- Screws - zinc electroplated

NEC/CEC Certifications and Compliances

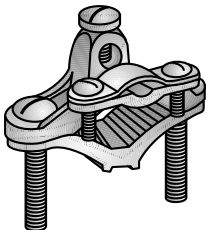
- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 057250
- Fed. Spec: W-F-406E
- Nema: FB-1



Type GC–100–02B



Type GC–200–02B



Type GCA–100–04B

Ground Pipe Size Inches	Conductor Range AWG Min.	Conductor Range AWG Max.	Dimensions in Millimeters (Inches) Height	Width	Clamp Width	Catalog Number
1/2 - 1	10	2	63.5 (2.50)	58.7 (2.31)	17.5 (0.69)	**GC-100-02B**
1-1/4 - 2	10	2	87.4 (3.44)	92.2 (3.63)	20.6 (0.81)	**GC-200-02B**
1/2 - 1	8	4	63.5 (2.50)	60.5 (2.38)	17.5 (0.69)	**GCA-100-04B**

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Ground Connectors

All Copper Alloy — Specification Grade

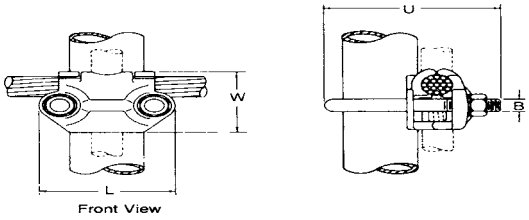
NEC/CEC:
Listed for Ordinary Locations

Applications

- For cable connection parallel or at right angles to pipe or rod.

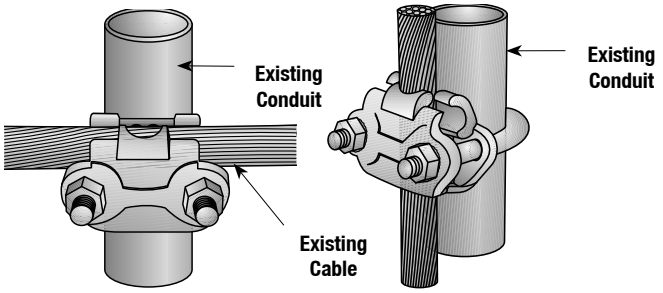
Features

- A high strength corrosion-resistant copper alloy ground connector connecting a ground wire either parallel or at right angles to a ground rod or pipe.
- A positive ground is assured by the clamping pressure that can be applied by the high strength silicon bronze U-bolt, nuts and lock washers.
- Type ABG connectors are suitable for direct burial.
- For ground pipe larger than 11⁄2" use Type CG Ground Connector.



NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Nema: FB-1



Type ABG at Right Angles **Type ABG Parallel**

Driven (In.)		Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				
Ground Rod Size	Ground Pipe Size	Min.	Max.	L	W	U	B	Catalog Number
5/8 or3/4	3/8	8	4	50.8 (2.00)	33.3 (1.31)	54.1 (2.13)	9.7 (0.38)	**ABG-0304**
5/8 or3/4	3/8	4	2/0	50.8 (2.00)	38.1 (1.50)	60.5 (2.38)	9.7 (0.38)	**ABG-0322**
5/8 or3/4	3/8	2/0	250	50.8 (2.00)	47.8 (1.88)	66.8 (2.63)	9.7 (0.38)	**ABG-0325**
1	1/2 or3/4	2/0	250	57.2 (2.25)	47.8 (1.88)	76.2 (3.00)	9.7 (0.38)	**ABG-0725**
-	1	8	4	65.0 (2.56)	33.3 (1.31)	69.9 (2.75)	9.7 (0.38)	**ABG-1104**
-	1	2/0	250	65.0 (2.56)	47.8 (1.88)	85.9 (3.38)	9.7 (0.38)	**ABG-1125**
-	1-1/2	2/0	250	79.5 (3.13)	47.8 (1.88)	95.3 (3.75)	9.7 (0.38)	**ABG-1525**

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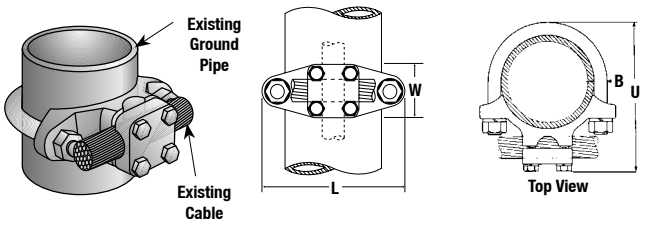
Ground Connectors

All Copper Alloy — Specification Grade

NEC/CEC:
Listed for Ordinary Locations

Applications

- For cable connection either parallel or at right angle to pipe.
- A high strength corrosion-resistant copper alloy ground connector having a reversible contact plate which permits the ground wire to be connected either at right angles or parallel to a ground pipe.
- The fitting is designed so that the saddle can be installed before the ground connection is made.
- High strength silicon bronze hardware permits high clamping pressures to be applied.
- For ground pipe smaller than 2" use Type ABG.
- Type CG connectors are suitable for direct burial and wet locations.



Type CG

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 057250
- Fed. Spec: W-F-406E

Type CG

Ground Pipe Size (Inches)	Conductor Range AWG/kcmil Min.	Max.	Dimensions in Millimeters (Inches) L	W	U	B	Catalog Number
2	8	4	92.20 (3.63)	22.35 (0.88)	95.25 (3.75)	9.65 (0.38)	**CG-2004**
2	4	2/0	92.20 (3.63)	30.23 (1.19)	101.60 (4.00)	9.65 (0.38)	**CG-2022**
2	2/0	250	92.20 (3.63)	36.58 (1.44)	104.90 (4.13)	9.65 (0.38)	**CG-2025**
2	300	500	98.55 (3.88)	47.75 (1.88)	114.30 (4.50)	11.18 (0.44)	**CG-2050**
2-1/2	8	4	104.90 (4.13)	22.35 (0.88)	107.95 (4.25)	9.65 (0.38)	**CG-2604**
2-1/2	4	2/0	104.90 (4.13)	30.23 (1.19)	114.30 (4.50)	9.65 (0.38)	**CG-2622**
2-1/2	2/0	250	104.90 (4.13)	36.58 (1.44)	120.65 (4.75)	9.65 (0.38)	**CG-2625**
2-1/2	300	500	111.25 (4.38)	47.75 (1.88)	127.00 (5.00)	11.18 (0.44)	**CG-2650**
3	8	4	120.65 (4.75)	22.35 (0.88)	122.17 (4.81)	9.65 (0.38)	**CG-3104**
3	4	2/0	120.65 (4.75)	30.23 (1.19)	130.30 (5.13)	9.65 (0.38)	**CG-3122**
3	2/0	250	120.65 (4.75)	36.58 (1.44)	136.65 (5.38)	9.65 (0.38)	**CG-3125**
3	300	500	133.35 (5.25)	47.75 (1.88)	146.05 (5.75)	12.70 (0.50)	**CG-3150**
3	550	750	—	—	—	—	**CG-3175**
3-1/2	8	4	133.35 (5.25)	22.35 (0.88)	133.35 (5.25)	9.65 (0.38)	**CG-3604**
3-1/2	4	2/0	133.35 (5.25)	30.23 (1.19)	143.00 (5.63)	9.65 (0.38)	**CG-3622**
3-1/2	2/0	250	133.35 (5.25)	36.58 (1.44)	149.35 (5.88)	9.65 (0.38)	**CG-3625**
3-1/2	300	500	146.05 (5.75)	47.75 (1.88)	155.70 (6.13)	12.70 (0.50)	**CG-3650**
3-1/2	550	750	—	—	—	—	**CG-3675**
4	8	4	146.05 (5.75)	22.35 (0.88)	146.05 (5.75)	9.65 (0.38)	**CG-4104**
4	4	2/0	146.05 (5.75)	30.23 (1.19)	155.70 (6.13)	9.65 (0.38)	**CG-4122**
4	2/0	250	146.05 (5.75)	36.58 (1.44)	155.70 (6.13)	9.65 (0.38)	**CG-4125**
4	300	500	158.75 (6.25)	47.75 (1.88)	168.40 (6.63)	12.70 (0.50)	**CG-4150**
4	550	750	—	—	—	—	**CG-4175**
5	4	2/0	174.75 (6.88)	30.23 (1.19)	181.10 (7.13)	9.65 (0.38)	**CG-5122**
5	2/0	250	174.75 (6.88)	36.58 (1.44)	187.45 (7.38)	9.65 (0.38)	**CG-5125**
5	300	500	184.15 (7.25)	47.75 (1.88)	196.85 (7.75)	12.70 (0.50)	**CG-5150**
5	550	750	—	—	—	—	**CG-5175**
6	4	2/0	203.20 (8.00)	30.23 (1.19)	209.55 (8.25)	9.65 (0.38)	**CG-6122**
6	2/0	250	203.20 (8.00)	36.58 (1.44)	215.90 (8.50)	9.65 (0.38)	**CG-6125**
6	300	500	212.85 (8.38)	47.75 (1.88)	225.55 (8.88)	12.70 (0.50)	**CG-6150**
6	550	750	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	**CG-6175**
6	800	1000	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	**CG-6192**
8	2/0	250	254.00 (10.00)	36.58 (1.44)	266.70 (10.50)	9.65 (0.38)	**CG-8125**
8	300	500	263.65 (10.38)	47.75 (1.88)	276.35 (10.88)	12.70 (0.50)	**CG-8150**
8	550	750	—	—	—	—	**CG-8175**
8	800	1000	—	—	—	—	**CG-8192**

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Ground Connectors

All Copper Alloy — Specification Grade

CEC:
Listed for Ordinary Locations

Applications

- This ground connector is used for grounding “H” column fence posts. Its design eliminates the need for drilling the post.
- To attach, loosen the nut sufficiently to allow the end of the “J” bolt to slip over the flange, assemble the cable into the fitting and then tighten.

Standard Materials

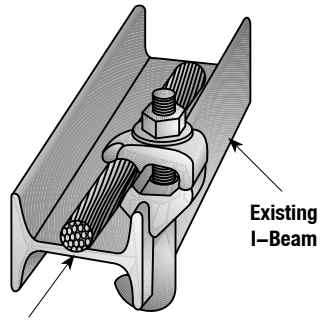
- Current carrying parts - cast copper alloy

Standard Finishes

- “J” bolt, nut and washer - hot hip galvanized steel

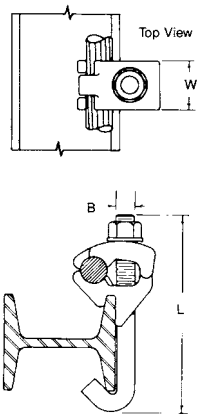
CEC Certifications and Compliances

- CSA Standard : C22.2 No. 41
- CSA Certified: 015978



Type TG

Illustrated Dimensions



Conductor Range		"H" Column Fence Post		Dimensions in Millimeters (Inches)			
Min. Solid	Max. Str.	Min.	Max.	L	W	B	Catalog Number
4	4/0	1.31	1.95	104.9 (4.13)	25.4 (1.00)	9.65 (0.38)	**TG-24**

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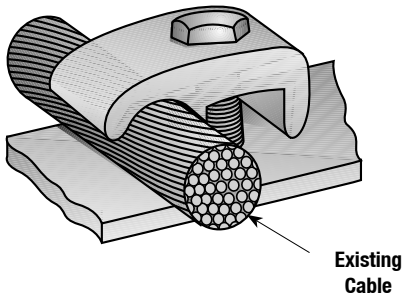
Ground Connectors

All Copper Alloy — Specification Grade

NEC/CEC:
Rated for Ordinary Locations

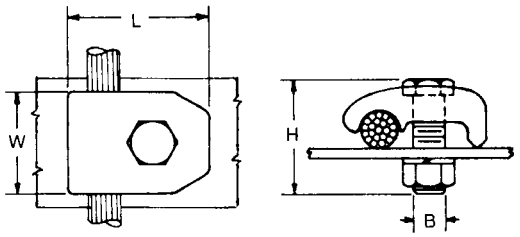
Applications

- An economical ground connector for connecting a ground wire to any flat surface.
- Copper alloy body and silicon bronze bolt, nut and lock washer combine strength and corrosion-resistance to insure a positive ground connection.
- HEX-CUP construction of the fitting simplifies installation by requiring only a single wrench for tightening.



Type KGM
One–Piece Design

Illustrated Dimensions



Top View

Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max..	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	**KGM-04**
4	2/0	41.4 (1.63)	31.8 (1.25)	41.4 (1.63)	9.7 (0.38)	**KGM-22**
2/0	250	50.8 (2.00)	35.1 (1.38)	46.0 (1.81)	11.2 (0.44)	**KGM-25**
300	500	60.5 (2.38)	38.1 (1.50)	58.7 (2.31)	12.7 (0.50)	**KGM-50**
550	750	73.2 (2.88)	44.5 (1.75)	66.8 (2.63)	16.0 (0.63)	**KGM-75**
800	1000	85.9 (3.38)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	**KGM-92**

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Ground Connectors

All Copper Alloy — Specification Grade

NEC/CEC:
Listed for Ordinary Locations

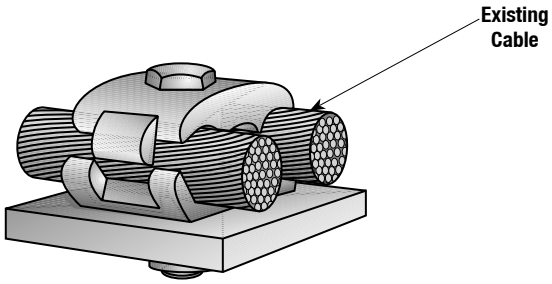
Applications

- For connecting two parallel cables of the same or varying sizes to any flat surface.
- Installation of connectors is simplified by HEX-CUP construction.
- Cables are gripped by the interlocking clamp, used throughout the line of ground devices.
- Copper alloy body and silicon bronze bolts, nuts and lock washers make a completely corrosion resistant fitting and permit high pressure to be applied - insuring a positive ground connection.

NEC/CEC Certifications and Compliances

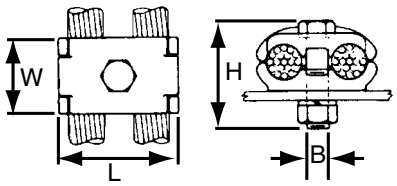
- UL Standard: 467
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Suitable for direct burial

NOTE: Bolts furnished will fasten connector to plate 1/4" thick. Longer bolts will be furnished when necessary if plate thickness is specified. Contact your local representative.



Type LG
One Bolt

Illustrated Dimensions



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max.	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	**LG-04**
4	2/0	44.5 (1.75)	31.8 (1.25)	44.5 (1.75)	9.7 (0.38)	**LG-22**
2/0	250	54.1 (2.13)	38.1 (1.50)	52.3 (2.06)	11.2 (0.44)	**LG-25**
300	500	73.2 (2.88)	44.5 (1.75)	65.0 (2.56)	12.7 (0.50)	**LG-50**
550	750	88.9 (3.50)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	**LG-75**
800	1000	98.6 (3.88)	57.2 (2.25)	79.5 (3.13)	16.0 (0.63)	**LG-92**

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XTP Solderless Combination T and Parallel Taps

NEC:
Listed for Ordinary Locations

Applications

- XTP - A combination connector for use as either a “T” or Parallel Tap, designed to take a wide range of wire sizes on main or tap.
- One piece construction eliminates detachable parts and permits easy assembly.

Features

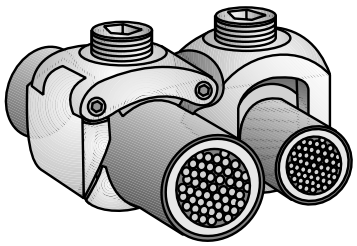
- Each fitting takes a range of cable sizes.
- Equipped with brass screws and brass or bronze pressure plates. Wide brass compression set screws, with rounded ends, covering the full width of the conductor cavity are used.
- Castings are of high conductivity copper alloy and are so designed, that high clamping pressure can be exerted, and maximum surface contact is provided with the wires throughout the specified range.

Standard Materials

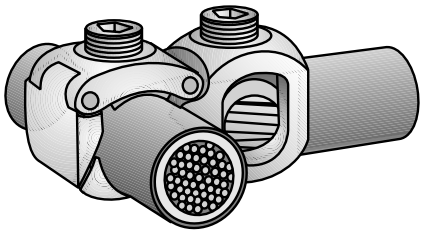
- XTP - High conductivity copper alloy body - Brass socket set screws with brass or copper alloy pressure plates

NEC Certifications and Compliances

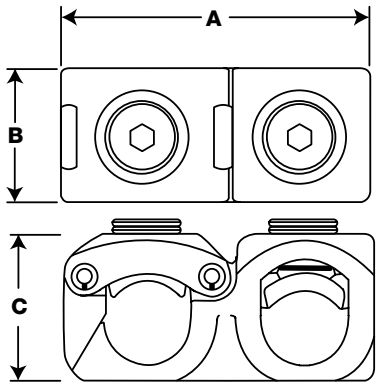
- UL Standard: 486A
- UL Listed: E-7512
- Fed. Spec: W-S-610



Type XTP as a Parallel Tap



Type XTP as a “T” Tap



Type XTP Connector

Type XTPC Cover

TO ORDER COVER SPECIFY:

- Catalog number.
- Outside diameter of cables.
- If covers are for “T” or parallel connection.

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XTP Solderless Combination T and Parallel Taps

NEC:
Listed for Ordinary Locations

Type XTP						
Conductor Range AWG/kcmil			Dimensions in Millimeters (Inches)			Catalog
Main	Tap	Hex Wrench Size	A	B	C	Number
4 to	8 to 4	①	47.75 (1.88)	22.35 (0.88)	22.35 (0.88)	**XTP-2104**
1/0	4 to 1/0	①	41.40 (1.63)	22.35 (0.88)	22.35 (0.88)	**XTP-2121**
1/0 to 4/0	8 to 4	6.35 (0.25)	54.10 (2.13)	28.70 (1.13)	31.75 (1.25)	**XTP-2404**
	4 to 1/0	6.35 (0.25)	54.10 (2.13)	28.70 (1.13)	31.75 (1.25)	**XTP-2421**
	1/0 to 4/0	6.35 (0.25)	60.45 (2.38)	28.70 (1.13)	31.75 (1.25)	**XTP-2424**
4/0 to 300	8 to 4	6.35 (0.25)	57.15 (2.25)	28.70 (1.13)	35.05 (1.38)	**XTP-3004**
	4 to 1/0	6.35 (0.25)	57.15 (2.25)	28.70 (1.13)	35.05 (1.38)	**XTP-3021**
	1/ t 4/0	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	35.05 (1.38)	**XTP-3024**
	4/0 to 300	7.87 (0.31)	66.80 (2.63)	31.75 (1.25)	35.05 (1.38)	**XTP-3030**
300 to 500	8 to 4	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	41.40 (1.63)	**XTP-5004**
	4 to 1/0	6.35 (0.25)	63.50 (2.50)	28.70 (1.13)	41.40 (1.63)	**XTP-5021**
	1/0 to 4/0	7.87 (0.31)	69.85 (2.75)	28.70 (1.13)	41.40 (1.63)	**XTP-5024**
300	4/0 to 300	7.87 (0.31)	73.15 (2.88)	35.05 (1.38)	41.40 (1.63)	**XTP-5030**
to 500	300 to 500	9.65 (0.38)	79.50 (3.13)	35.05 (1.38)	41.40 (1.63)	**XTP-5050**
500	300 to 500	9.65 (0.38)	88.90 (3.50)	41.40 (1.63)	47.75 (1.88)	**XTP-7550**
to 750	500 to 750	9.65 (0.38)	95.25 (3.75)	41.40 (1.63)	47.75 (1.88)	**XTP-7575**
750	4 to 1/0	6.35 (0.25)	79.50 (3.13)	28.70 (1.13)	57.15 (2.25)	**XTP-9221**
to 1000	4/0 to 300	7.87 (0.31)	88.90 (3.50)	35.05 (1.38)	57.15 (2.25)	**XTP-9230**
750	300 to 500	9.65 (0.38)	92.20 (3.63)	35.05 (1.38)	57.15 (2.25)	**XTP-9250**
to 1000	750 to 1000	9.65 (0.38)	123.95 (4.88)	50.80 (2.00)	57.15 (2.25)	**XTP-9292**

① *Slotted Set Screws furnished for this size.*

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Type XLH Solderless Connectors Combination Type Lugs

NEC:
Listed for Ordinary Locations

Features

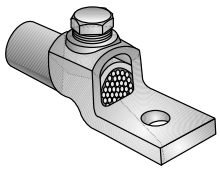
- Each fitting takes a range of cable sizes.
- Type XL and XLH are identical except that the type XL has a socket set screw, while the type XLH has a hex head screw. Both types are equipped with brass screws and brass or bronze pressure plates on XL011 and XLH011 and larger. Wide brass compression set screws, with rounded ends, covering the full width of the conductor cavity are used on the XL041.
- Castings are of high conductivity copper alloy and are so designed, that high clamping pressure can be exerted, and maximum surface contact is provided with the wires throughout the specified range.

Standard Materials

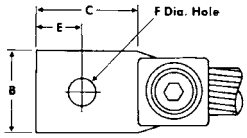
- Cast copper alloy body and brass screws

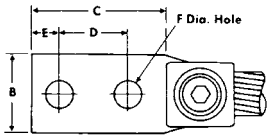
NEC Certifications and Compliances

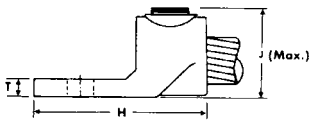
- UL Standard: 486A
- UL Listed: E-7512
- Fed. Spec: W-S-610



Type XLH







Conductor Range AWG/kcmil			Dimensions in Millimeters (Inches)									
Min.	Max.	No. of Holes	B	C	D	E	F	H	J	T	Hex Wrench Size	Catalog Number
4	1	1	16.00 (0.63)	19.05 (0.75)		9.65 (0.38)	7.11 (0.28)	39.62 (1.56)	31.75 (1.25)	5.59 (0.22)	①	**XLH011**
4	1	2	16.00 (0.63)	36.58 (1.44)	19.05 (0.75)	7.87 (0.31)	7.11 (0.28)	57.15 (2.25)	31.75 (1.25)	5.59 (0.22)	①	**XLH012**
1	2/0	1	20.57 (0.81)	23.88 (0.94)		11.18 (0.44)	10.41 (0.41)	47.75 (1.88)	35.05 (1.38)	6.35 (0.25)	6.35 (0.25)	**XLH221**
1	2/0	2	20.57 (0.81)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	73.15 (2.88)	35.05 (1.38)	6.35 (0.25)	6.35 (0.25)	**XLH222**
2/0	4/0	1	25.40 (1.00)	20.57 (0.81)		14.22 (0.56)	10.41 (0.41)	57.15 (2.25)	41.40 (1.63)	7.11 (0.28)	7.87 (0.31)	**XLH241**
2/0	4/0	2	25.40 (1.00)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	76.20 (3.00)	41.4 (1.63)	7.11 (0.28)	7.87 (0.31)	**XLH242**
4/0	300	1	31.75 (1.25)	36.58 (1.44)		17.53 (0.69)	13.46 (0.53)	66.80 (2.63)	44.45 (1.75)	7.11 (0.28)	7.87 (0.31)	**XLH301**
4/0	300	2	31.75 (1.25)	50.80 (2.00)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	81.03 (3.19)	44.45 (1.75)	7.11 (0.28)	7.87 (0.31)	**XLH302**
300	500	1	35.05 (1.38)	41.40 (1.63)		20.57 (0.81)	13.46 (0.53)	76.20 (3.00)	52.32 (2.06)	9.65 (0.38)	9.65 (0.38)	**XLH501**
300	500	2	35.05 (1.38)	49.28 (1.94)	25.40 (1.00)	11.18 (0.44)	10.41 (0.41)	84.07 (3.31)	52.32 (2.06)	9.65 (0.38)	9.65 (0.38)	**XLH502**
500	750	1	44.45 (1.75)	50.80 (2.00)		25.40 (1.00)	13.46 (0.53)	93.73 (3.69)	63.50 (2.50)	10.41 (0.41)	9.65 (0.38)	**XLH751**
500	750	2	44.45 (1.75)	71.37 (2.81)	38.10 (1.50)	16.00 (0.63)	13.46 (0.53)	114.30 (4.50)	63.50 (2.50)	10.41 (0.41)	9.65 (0.38)	**XLH752**
750	1000	1	50.80 (2.00)	57.15 (2.25)		28.70 (1.13)	16.76 (0.66)	107.95 (4.25)	68.33 (2.69)	11.18 (0.44)	9.65 (0.38)	**XLH921**
750	1000	2	50.80 (2.00)	69.85 (2.75)	38.10 (1.50)	16.00 (0.63)	13.46 (0.53)	120.65 (4.75)	68.33 (2.69)	11.18 (0.44)	9.65 (0.38)	**XLH922**

① *Slotted Set Screw furnished for this size.*

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Type FB Solderless Flexible Braid Connectors

NEC/CEC:
Rated for Ordinary Locations

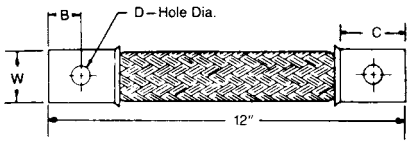
Options:

- Standard length is 12 inches. Sizes listed can be furnished in any length desired. Ferrules can be longer or shorter than those shown and other drillings, such as NEMA drilling configurations, can be furnished. No voltage limitations. Contact your local sales representative for price and availability.

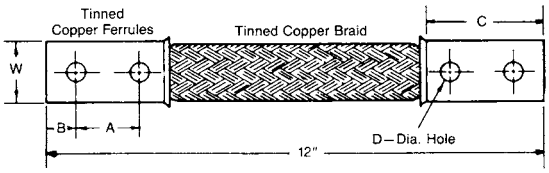
Standard Material:

- Ferrules/braid: tinned copper

Note:
Standard length is 12 inches. Sizes listed can be furnished in any length desired. Ferrules can be longer or shorter than those shown and other drillings, such as NEMA drilling configurations, can be furnished. No voltage limitations. Contact your local representative for price and availability.



Type FB–50–03–1 — Type FB–150–05–2



Type FB–200–07–01 — Type FB–1500–20–3

Ratings In Amps	Holes in Ferrule	Braids in Ferrule	W Width	Thick. of Ferrule	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
50	1	1	9.65 (0.38)	1.52 (0.06)	—	7.87 (0.31)	16 (0.63)	5.08 (0.20)	**FB-50-03-1**
100	1	1	12.70 (0.50)	2.29 (0.09)	—	9.65 (0.38)	19.05 (0.75)	6.86 (0.27)	**FB-100-05-1**
150	1	2	12.70 (0.50)	3.30 (0.13)	—	9.65 (0.38)	19.05 (0.75)	6.86 (0.27)	**FB-150-05-2**
200	2	1	19.05 (0.75)	3.30 (0.13)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	9.65 (0.38)	**FB-200-07-1**
250	2	1	22.35 (0.88)	4.06 (0.16)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	9.65 (0.38)	**FB-250-08-1**
300	2	1	25.40 (1.00)	4.83 (0.19)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-300-10-1**
300	2	1	38.10 (1.50)	4.06 (0.16)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-300-15-1**
300	2	1	50.80 (2.00)	4.83 (0.19)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-300-20-1**
400	2	2	25.40 (1.00)	6.35 (0.25)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-400-10-2**
400	2	2	38.10 (1.50)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-400-15-2**
400	2	1	50.80 (2.00)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-400-20-1**
500	2	1	38.10 (1.50)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-500-15-1**
500	2	1	50.80 (2.00)	5.59 (0.22)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-500-20-1**
600	2	1	38.10 (1.50)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-600-15-1**
600	2	1	50.80 (2.00)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-600-20-1**
700	2	2	50.80 (2.00)	7.87 (0.31)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-700-20-2**
800	2	2	50.80 (2.00)	8.64 (0.34)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-800-20-2**
900	2	2	50.80 (2.00)	9.65 (0.38)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-900-20-2**
1000	2	3	50.80 (2.00)	11.18 (0.44)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1000-20-3**
1100	2	4	50.80 (2.00)	11.18 (0.44)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1100-20-4**
1200	2	4	50.80 (2.00)	12.70 (0.50)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1200-20-4**
1300	2	4	50.80 (2.00)	16.00 (0.63)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1300-20-4**
1400	2	4	50.80 (2.00)	16.00 (0.63)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1400-20-4**
1500	2	3	50.80 (2.00)	19.05 (0.75)	38.10 (1.50)	19.05 (0.75)	76.20 (3.00)	11.18 (0.44)	**FB-1500-20-3**

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NEER™ Ground Clamps

NEC/CEC:
Listed for Ordinary Locations

GC: Bronze Clamps

Application

- Ground clamps for bare copper conductor.
- Used on water pipes, conduits or pipe electrodes.
- For insulated or bare conductor wire, copper AWG #10 solid to #2 stranded, aluminum #8 stranded to #2 stranded.
- Clamp is reversible.

Standard Material/Finish

- Cast bronze alloy
- Screws: steel/zinc plated

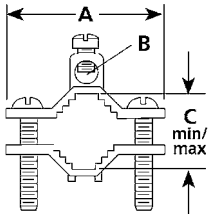
NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E24264
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GC–1Z

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2 to 1	57.9 (2.28)	8.4 (0.33)	1.9/48.0 (0.70/17.80)	**GC-1Z**
1-1/4 to 2	91.9 (3.62)	8.4 (0.33)	3.0/75.4 (1.38/35.10)	**GC-2**
2-1/2 to 4	162.1 (6.38)	8.4(0.33)	5.9/150.9 (2.73/69.30)	**GC-4**
4-1/2 to 6	215.9 (8.50)	7.6 (0.30)	7.8/196.9 (2.66/67.60)	**GC-6**

NEC/CEC:
Listed for Ordinary Locations

GC: Zinc Clamps

Application

- Ground clamps for bare copper conductor.
- For insulated or bare conductor wire, copper AWG #10 solid to #2 stranded, aluminum #8 stranded to #2 stranded.
- Clamp is reversible.

Standard Material/Finish

- GC-5
  - — Zinc diecast
  - — Screws: steel/zinc plated
- GC-5B
  - — Zinc diecast/brass plating
  - — Screws: steel/zinc plated

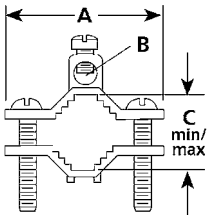
NEC/CEC Certifications and Compliances

- GC-5
  - — UL Standard: 467
  - — UL Listed: E24264
  - — CSA Standard: C22.2 No. 41
  - — CSA Certified: 208044
  - — NEMA: FB-1



GC–5

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2 to 1	56.9 (2.24)	8.4 (0.33)	1.6/40.9 (0.54/13.70)	**GC-5**
1/2 to 1	56.9 (2.24)	8.4 (0.33)	1.6/40.9 (0.54/13.70)	**GC-5B**

Note:

- *GC-5 is listed for use with 1/2" through 1" trade size copper water pipe, steel galvanized water pipe and metal gas pipe. UL requires the UL logo be removed from GC-5B because we provide plating of a material or color different from natural zinc.*

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NEER™ Ground Clamps

NEC/CEC:
Listed for Ordinary Locations

GC: Direct Burial Clamps

Applications

- Ground clamp for bare copper conductor.
- Used on water pipes, conduits or pipe electrodes.
- Suitable for direct burial in earth and concrete.

Standard Material

- Clamps and screws: bronze

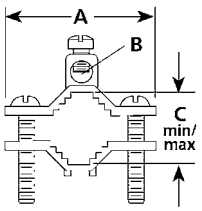
NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



GC–1–DB

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2 to 1	57.9 (2.28)	8.1 (0.32)	1.9/47.5 (0.70/17.80)	**GC-1-DB**

NEC/CEC:
Listed for Ordinary Locations

RC: Rod, Direct Burial Clamps

Applications

- To terminate bare copper conductor directly to ground rod.
- Suitable for direct burial applications.

Standard Material

- Clamps and screws: bronze

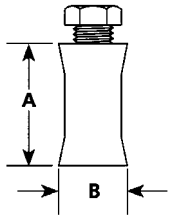
NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E37337
- CSA Standard: C22.2 No. 41
- CSA Certified: 208044
- NEMA: FB-1



RC–625

Illustrated Dimensions



Ground Rod Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Conductor Range AWG	Catalog Number
1/2	30.9 (1.22)	19.1 (0.75)	8-1/0	**RC-500**
5/8	37.6 (1.48)	24.9 (0.98)	8-1/0	**RC-625**
3/4	41.4 (1.63)	24.6 (0.97)	8-1/0	**RC-750**

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EMERSON

Type PK Armored/Metal Clad Cable Connectors

For Non-Jacketed Metal Clad Cable

NEC/CEC:
Listed for Ordinary Locations

For Non-Jacketed Metal Clad Cable such as interlocked armor, corrugated metal sheath, smooth aluminum sheath and similar types. Non-watertight for dry locations.

Applications

- Use with any type of metal clad cable to terminate and ground the armor and secure the cable where it enters a cabinet (max. 1⁄4" thick), through a standard knockout, slip-hole or D and T entrance.
  These terminators accommodate a wide range of cable armor diameters in a given fitting by simply inserting fibre rings to provide armor stops having smaller diameters. An armor clamp having clamping pieces on each side allows the cable to be centered in the fitting and provides full contact with the armor to insure a positive ground. The armor clamp on the 1-1⁄4" through 5" trade sizes consists of two clamping pieces (one on each side) as shown in illustration. The 3⁄4", 1" and 6" trade sizes have one clamping piece located on one side only.

Standard Materials

- **Type PK** - malleable iron

Standard Finishes

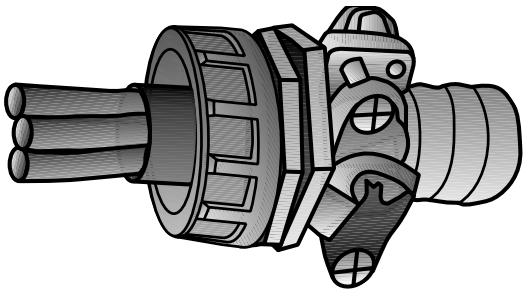
- **Type PK** - zinc electroplated
- Furnished complete with phenolic insulating bushing, electro-plated steel screws and plated steel or malleable iron locknut.

Options

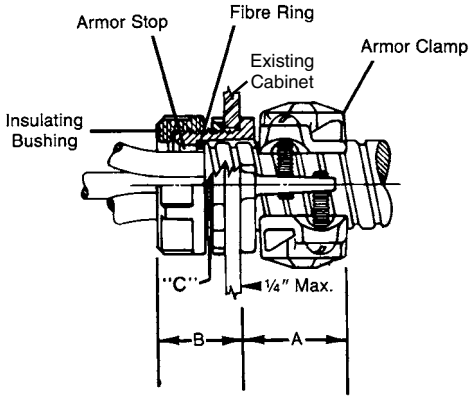
- Optional Type G Lay-In-Lug grounding wire connectors are available. See Cable Supports section for more details and the chart below for available options. Contact your local representative for price and availability.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed E-36853
- CSA Standard: C22.2 No.18
- CSA Certified: 15553



Type PK



Trade Size (Inches) C	Malleable Cable Range Dia Over Armor Min.	Malleable Cable Range Dia Over Armor Max.	Dimensions in Millimeters (Inches) A	B	Max. Dia.	Ground Lug Options Per Connector ② G04S #14 – #4	G22S #8 – 2/0	G24S #6 – 4/0	G25S 250MCM – 500MCM	Iron Catalog Number
3/4	11.43 (0.45)	15.75 (0.62)	25.40 (1.00)	25.40 (1.00)	38.10 (1.50)	X				**PK-75**
3/4	16.00 (0.63)	20.32 (0.80)	25.40 (1.00)	25.40 (1.00)	41.40 (1.63)	X				**PK-751**
1	16.00 (0.63)	20.32 (0.80)	31.75 (1.25)	28.70 (1.13)	44.45 (1.75)	X				**PK-100**
1	20.57 (0.81)	24.38 (0.96)	31.75 (1.25)	28.70 (1.13)	54.10 (2.13)	X				**PK-101**
1-1/4	20.57 (0.81)	34.04 (1.34)	39.62 (1.56)	31.75 (1.25)	63.50 (2.50)	X	X			**PK-125**
1-1/2	30.23 (1.19)	39.62 (1.56)	41.40 (1.63)	31.75 (1.25)	69.85 (2.75)	X	X			**PK-150**
2	34.29 (1.35)	50.80 (2.00)	42.93 (1.69)	33.27 (1.31)	85.85 (3.38)	X	X	X		**PK-200**
2-1/2	45.47 (1.79)	60.96 (2.40)	50.80 (2.00)	39.62 (1.56)	98.55 (3.88)	X	X	X		**PK-250**
3	56.13 (2.21)	75.69 (2.98)	52.32 (2.06)	42.93 (1.69)	117.60 (4.63)	X	X	X		**PK-300**
3-1/2	70.87 (2.79)	87.38 (3.44)	54.10 (2.13)	44.45 (1.75)	130.30 (5.13)	X	X	X		**PK-350**
4	81.53 (3.21)	99.31 (3.91)	55.63 (2.19)	45.97 (1.81)	143.00 (5.63)	X	X	X	X	**PK-400**
5	99.57 (3.92)	122.94 (4.84)	58.67 (2.31)	54.10 (2.13)	171.45 (6.75)	X	X	X	X	**PK-500**
6	138.94 (5.47)	145.03 (5.71)	69.85 (2.75)	57.15 (2.25)	209.55 (8.25)	X	X	X	X	**PK-600** ①

① *Not certified by CSA.*
② *Add ground lug suffix to catalog number. (e.g. PK150-***G04s** *or* **G22S***)*

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Type PG Armored/Metal Clad Cable Connectors

For Jacketed Metal Clad Cable

NEC/CEC — Suitable for use in the following Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Use with jacketed armored cable.
- To terminate and ground the armor, and to secure and seal cable entrance into a cabinet or terminal box through a standard knockout, slip-hole or DandT entrance.

Features

- Suitable for wet locations
- Gland type (with grounding sleeve and set-screws)

Standard Materials

- **Type PG** - malleable or ductile iron.
- They are supplied with electro-plated grounding screws and pressure ring.
- They are available with stainless steel grounding screws and pressure ring. Contact your local representative for price and availability.

Standard Finishes

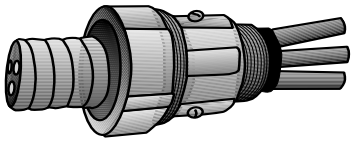
- Fittings - zinc plated

Options

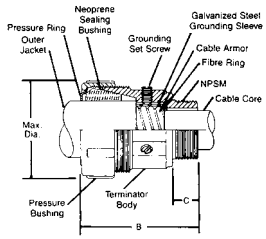
- All fittings can be supplied with neoprene gasket, locknut and insulating bushing. (Add Suffix **-LGB**.) Contact your local representative for price and availability.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-36853
- CSA Standard: C22.2 No.18
- CSA Certified: 15553
- Suitable for wet locations
- Fed. Spec: W-F-406B



Type PG



Size (Inches)	Cable Range Dia. Over Jacket Min.	Max.	Dimensions in Millimeters (Inches) Max Dia.	B Approx.	C	Dia. of Cable Core	Malleable Iron Catalog Number
1/2	14.48 (0.57)	16.76 (0.66)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	10.16 (0.4)	**PG-66-05**
1/2	16.26 (0.64)	19.81 (0.78)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	12.95 (0.51)	**PG-78-05**
1/2	19.05 (0.75)	22.61 (0.89)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	15.49 (0.61)	**PG-89-05**
1/2	21.59 (0.85)	24.89 (0.98)	39.62 (1.56)	63.50 (2.50)	14.22 (0.56)	15.49 (0.61)	**PG-98-05**
3/4	19.05 (0.75)	22.61 (0.89)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	15.49 (0.61)	**PG-89-07**
3/4	21.59 (0.85)	24.89 (0.98)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	18.29 (0.72)	**PG-98-07**
3/4	22.35 (0.88)	27.18 (1.07)	49.28 (1.94)	66.80 (2.63)	14.22 (0.56)	19.56 (0.77)	**PG-107-07**
1	22.35 (0.88)	27.18 (1.07)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	19.05 (0.75)	**PG-107-10**
1	26.16 (1.03)	30.73 (1.21)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	23.11 (0.91)	**PG-121-10**
1	29.97 (1.18)	35.05 (1.38)	58.67 (2.31)	77.72 (3.06)	17.53 (0.69)	26.42 (1.04)	**PG-138-10**
1-1/4	29.97 (1.18)	35.05 (1.38)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	26.42 (1.04)	**PG-138-12**
1-1/4	34.54 (1.36)	41.40 (1.63)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	31.50 (1.24)	**PG-163-12**
1-1/4	41.15 (1.62)	47.75 (1.88)	71.37 (2.81)	85.85 (3.38)	17.53 (0.69)	36.07 (1.42)	**PG-188-12**
1-1/2	43.94 (1.73)	50.80 (2.00)	79.50 (3.13)	101.60 (4.00)	19.05 (0.75)	40.89 (1.61)	**PG-200-15**
1-1/2	49.02 (1.93)	55.63 (2.19)	79.50 (3.13)	101.60 (4.00)	19.05 (0.75)	40.89 (1.61)	**PG-219-15**
2	53.34 (2.1)	60.96 (2.4)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	49.78 (1.96)	**PG-240-20**
2	59.69 (2.35)	66.29 (2.61)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	53.09 (2.09)	**PG-261-20**
2	63.50 (2.50)	69.85 (2.75)	100.08 (3.94)	109.47 (4.31)	19.81 (0.78)	53.09 (2.09)	**PG-275-20**
2-1/2	60.20 (2.37)	66.80 (2.63)	117.60 (4.63)	133.35 (5.25)	30.23 (1.19)	50.55 (1.99)	**PG-263-25**
4	111.76 (4.40)	118.11 (4.65)	162.05 (6.38)	143.00 (5.63)	33.27 (1.31)	104.39 (4.11)	**PG-465-40**

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Cable Connectors

For Armored Cable, Flexible Metal Conduit, Interlocked AC-38 Cables, NM and SE Cable

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground and secure Armored Cable, Flexible Metal Conduit and Interlocked Metal Clad Cables to boxes and enclosures.
- To secure NM and SE Cables to boxes and enclosures.

Features

- Available with insulated throats.
- Male hub threads — NPS.
- All center stopped.
- Provided with locknuts.

Standard Materials

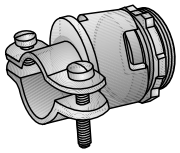
- Malleable iron

Standard Finishes

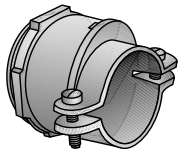
- Zinc electroplated

NEC/CEC Certifications and Compliances

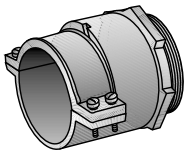
- KC-50, KC-50T, KC-51 UL Listed for metal clad, armored cable, flexible metal conduit, sheathed cable, SE cable: E-11852
- KC-75, KC-75T, KC-76 UL Listed for, armored cable, flexible metal conduit, sheathed cable, SE cable: E-11852
- KC-100, KC-100T, KC-125, KC-125T UL Listed for flexible metal conduit: E-11853
- KC-100, KC-100T, KC-125, KC-125T UL Listed for sheathed cable: E-23237
- KC-100, KC-100T, KC-125, KC-125T UL Listed for SE cable: E-11858
- KC-150 through KC-400 and KC-150T through KC-400T UL Listed for flexible metal conduit: E-11853
- KC-500 and KC-500T: UL and CSA Listing is not applicable
- UL Standard: ANSI/UL 514B
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



Type KC–50 — Type KC–76

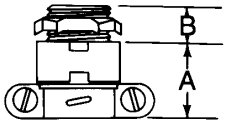


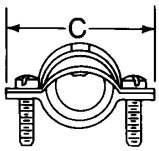
Type KC–100 — Type KC–300



Type KC–350 — Type KC–500

Illustrated Dimensions





Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Flex Opening Millimeters (Inches) Min. – Max.	Catalog Number	Insulated Throat Catalog Number
1/2	28.70 (1.13)	11.18 (0.44)	47.75 (1.88)	12.70 - 23.11 (0.50 - 0.91)	**KC-50**	**KC-50T**
1/2 (3/4 KO)	28.70 (1.13)	11.18 (0.44)	47.75 (1.88)	12.70 - 23.88 (0.50 - 0.94)	**KC-51**	—
3/4	30.23 (1.19)	12.70 (0.50)	54.10 (2.13)	22.35 - 27.69 (0.88 - 1.09)	**KC-75**	**KC-75T**
3/4 (1 KO)	30.23 (1.19)	12.70 (0.50)	54.10 (2.13)	21.34 - 27.69 (0.84 - 1.09)	**KC-76**	—
1	31.75 (1.25)	14.22 (0.56)	61.98 (2.44)	26.92 - 35.05 (1.06 - 1.38)	**KC-100**	**KC-75T**
1-1/4	33.27 (1.31)	14.22 (0.56)	71.37 (2.81)	32.51 - 41.4 (1.28 - 1.63)	**KC-125**	**KC-125T**
1-1/2	45.97 (1.81)	19.05 (0.75)	87.38 (3.44)	35.05 - 50.80 (1.38 - 2.00)	**KC-150**	**KC-150T**
2	54.10 (2.13)	22.35 (0.88)	107.95 (4.25)	54.10 - 63.50 (2.13 - 2.50)	**KC-200**	**KC-200T**
2-1/2	66.80 (2.63)	22.35 (0.88)	127.00 (5.00)	61.98 - 76.20 (2.44 - 3.00)	**KC-250**	**KC-250T**
3	77.72 (3.06)	26.92 (1.06)	139.70 (5.50)	74.68 - 88.90 (2.94 - 3.50)	**KC-300**	**KC-300T**
3-1/2	90.42 (3.56)	31.75 (1.25)	165.10 (6.50)	94.49 - 101.60 (3.72 - 4.00)	**KC-350**	**KC-350T**
4	93.73 (3.69)	31.75 (1.25)	177.80 (7.00)	103.12 - 112.78 (4.06 - 4.44)	**KC-400**	**KC-400T**
5	127.00 (5.00)	38.10 (1.50)	212.85 (8.38)	134.87- 139.7 (5.31 - 5.50)	**KC-500**	**KC-500T**

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Cable Connectors

For Armored Cable and Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

Feature

- Male hub threads — NPS
- Available with insulated throat.
- Furnished with locknuts.

Standard Materials

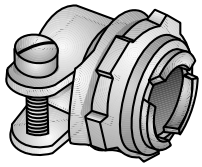
- Malleable iron

Standard Finishes

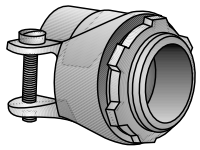
- Zinc electroplated

NEC/CEC Certifications and Compliances

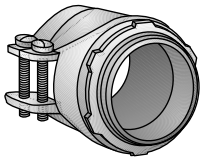
- C-5 through C-8 UL Listed for armored cable: E-11852
- C-8, 24-34 through 24-300 UL Listed for flexible metal conduit: E-11853
- UL Listed flexible metal conduit fittings are suitable for use in Hazardous Location under NEC 501-4(b), Class I, Division 2, and suitable as a grounding means under NEC 350-5.
- CSA Certified for Armored Cable: 009795



Type C–5
End Stopped



Type C–8 — Type 24–125
Center Stopped



Type 24–150 — Type 24–300
Center Stopped

Dimensions in Millimeters (Inches)						
Trade Size (Inches)	**Body Length**	**Thread Length**	**Max. Width**	**Flex. Opening**	**Catalog Number**	**Insulated Throat Catalog Number**
3/8 (1/2 KO)	14.22 (0.56)	11.18 (0.44)	28.70 (1.13)	12.70 - 14.99 (0.50 - 0.59)	**C-5**	—
1/2	23.88 (0.94)	12.70 (0.50)	39.62 (1.56)	19.81 - 23.88 (0.78 - 0.94)	**C-8**	**C-8T**
3/4	28.7 (1.13)	12.70 (0.50)	44.45 (1.75)	23.11 - 27.43 (0.91 - 1.08)	**24-34**	**24-34T**
1	30.23 (1.19)	14.22 (0.56)	55.63 (2.19)	32.51 - 36.58 (1.28 - 1.44)	**24-100**	**24-100T**
1-1/4	31.75 (1.25)	16.00 (0.63)	63.50 (2.50)	36.58 - 41.4 (1.44 - 1.63)	**24-125**	**24-125T**
1-1/2	47.75 (1.88)	17.53 (0.69)	66.80 (2.63)	41.40 - 47.75 (1.63 - 1.88)	**24-150**	**24-150T**
2	50.80 (2.00)	19.05 (0.75)	84.07 (3.31)	55.63 - 60.45 (2.19 - 2.38)	**24-200**	**24-200T**
2-1/2	52.32 (2.06)	23.88 (0.94)	103.12 (4.06)	68.58 - 74.93 (2.70 - 2.95)	**24-250**	**24-250T**
3	57.15 (2.25)	23.88 (0.94)	117.6 (4.63)	79.50 - 88.90 (3.13 - 3.50)	**24-300**	**24-300T**

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Cable Connectors

Two Screw Clamp and 90° Squeeze Connectors

For Armored Cable and Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Application:

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

Features

- Male hubs - NPS.
- Provided with center stop.
- Available with insulated throats.
- Furnished with locknuts.
- Also suitable for NM and SE cable.

Standard Materials

- Malleable iron

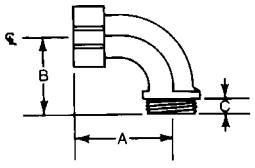
Standard Finishes

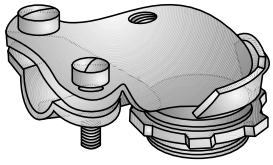
- Zinc electroplated

NEC/CEC Certifications and Compliances

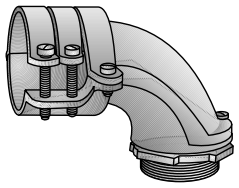
- UL Standard: ANSI/UL 514B (1203)
- UL Listed: E-11853
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

Illustrated Dimensions

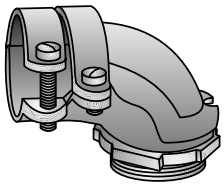




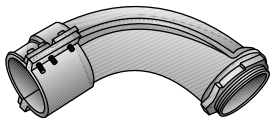
Type ACV–938



Type AC–150 — Type AC–200



Type ACV–50 — Type AC–125



Type AC–250 — Type AC–400

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Flex Opening	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	33.27 (1.31)	20.57 (0.81)	11.18 (0.44)	9.14 - 16.76 (0.36 - 0.66)	**ACV-938**	**ACV-938T**
1/2	44.45 (1.75)	26.92 (1.06)	11.18 (0.44)	19.81 - 24.13 (0.78 - 0.95)	**ACV-50**	**ACV-50T**
3/4	45.97 (1.81)	28.70 (1.13)	11.18 (0.44)	23.11 - 25.91 (0.91 - 1.02)	**ACV-75**	**ACV-75T**
1	52.32 (2.06)	39.62 (1.56)	14.22 (0.56)	31.75 - 35.05 (1.25 - 1.38)	**AC-100**	**AC-100T**
1-1/4	71.37 (2.81)	50.80 (2.00)	14.22 (0.56)	35.81 - 41.4 (1.41 - 1.63)	**AC-125**	**AC-125T**
1-1/2	96.77 (3.81)	71.37 (2.81)	14.22 (0.56)	44.45 - 50.8 (1.75 - 2.00)	**AC-150**	**AC-150T**
2	120.65 (4.75)	82.55 (3.25)	17.53 (0.69)	55.63 - 42.93 (2.19 - 1.69)	**AC-200**	**AC-200T**
2-1/2	158.75 (6.25)	109.47 (4.31)	22.35 (0.88)	69.85 - 76.20 (2.75 - 3.00)	**AC-250**	**AC-250T**
3	184.15 (7.25)	130.30 (5.13)	25.40 (1.00)	82.55 - 88.9 (3.25 - 3.50)	**AC-300**	**AC-300T**
3-1/2	260.35 (10.25)	196.85 (7.75)	31.75 (1.25)	93.98 - 105.66 (3.70 - 4.16)	**AC-350**	**AC-350T**
4	330.20 (13.00)	247.65 (9.75)	31.75 (1.25)	104.39 - 115.82 (4.11 - 4.56)	**AC-400**	**AC-400T**

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Cable Connectors

Squeeze Connector

For Armored Cable and Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Application:

- To ground and secure Armored Cable and Flexible Metal Conduit to boxes and enclosures.

Features

- Male hubs - NPS.
- Provided with center stop.
- Available with insulated throats.
- Furnished with locknuts.
- Also suitable for NM and SE cable.

Standard Materials

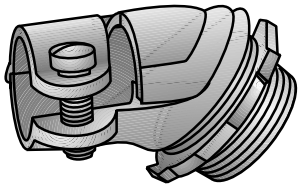
- Malleable iron

Standard Finishes

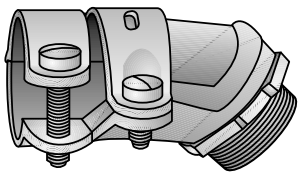
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B (1203)
- UL Listed: E-11852
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



Type AC–38



Type AC–50

Trade Size (Inches)	Dimensions in Millimeters (Inches) Body Length	Thread Length	Max. Width	Flex. Opening	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 KO)	35.05 (1.38)	11.18 (0.44)	31.75 (1.25)	13.46 - 15.49 (0.53 - 0.61)	**AC-38**	**AC-38T**
1/2	49.28 (1.94)	11.18 (0.44)	42.93 (1.69)	19.81 - 23.88 (0.78 - 0.94)	**AC-50**	**AC-50T**
3/4	54.10 (2.13)	12.70 (0.50)	44.45 (1.75)	23.11 - 26.92 (0.91 - 1.06)	**AC-75**	**AC-75T**

Features

- Threadled RMC and IMC to Flexible Metal Conduit
- Female hubs - NPT.

Standard Materials

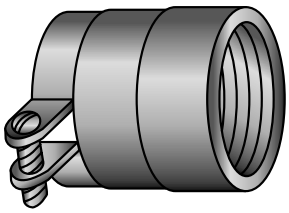
- Malleable iron

Standard Finishes

- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853



Type CB

Trade Size (Inches)	Dimensions in Millimeters (Inches) Length	Max. Dia.	Flex Range	Catalog Number
1/2	38.1 (1.50)	31.8 (1.25)	19.81 - 23.88 (0.78 - 0.94)	**CB-50**
3/4	44.5 (1.75)	38.1 (1.50)	23.11 - 27.43 (0.91 - 1.08)	**CB-75**
1	47.8 (1.88)	47.8 (1.88)	14.99 - 36.58 (0.59 - 1.44)	**CB-100**

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Cable Connectors

Duplex Connector

For Armored Cable

NEC/CEC:
Listed for Ordinary Locations

Application:

- To ground and secure two Armored Cables to boxes and enclosures.

Features

- Male hub threads — NPS.
- Cable stop.
- UL Listed for armored cables 14/2 to 10/2.
- Furnished with locknuts.

Standard Materials

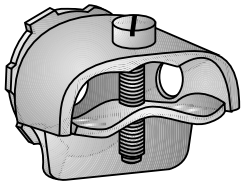
- Malleable iron

Standard Finishes

- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B (1203)
- UL Listed: 11852
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1



Type 25–38C

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	**Body Length**	**Thread Length**	**Max. Width**	**Opening**	**Catalog Number**
3/8 (1/2 KO)	26.92 (1.06)	11.18 (0.44)	39.62 (1.56)	5.59 - 13.46 (0.22 - 0.53)	**25-38C**

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Cable Connectors

For Armored Cable

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground and secure armored cable to boxes and enclosures.

Features

- Male hub threads — NPS.
- Cable stop.
- UL Listed for armored cable.
- Furnished with locknuts..

Standard Materials

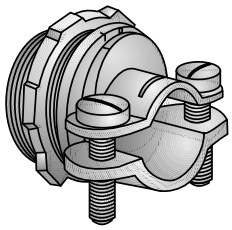
- Malleable iron

Standard Finishes

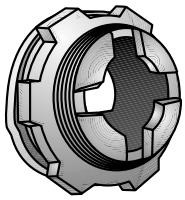
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11852
- CSA Standard C22.2 No. 18
- CSA Certified: 009795
- NEMA: FB-1

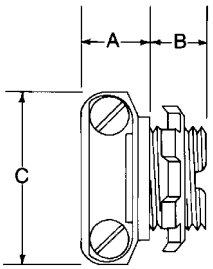


Type C–15L

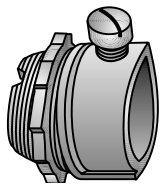


Front View

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Cable Opening	Catalog Number
3/8 (1/2 KO)	14.22 (0.56)	12.70 (0.50)	35.05 (1.38)	9.65 - 16.00 (0.38 - 0.63)	**C-15L**



Type C1Z

Trade Size (Inches)	Dimensions in Millimeters (Inches) Body Length	Thread Length	Max. Width	Flex. Opening	Catalog Number
3/8 (1/2 KO)	14.22 (0.56)	10.41 (0.41)	25.40 (1.00)	10.67 - 16.00 (0.42 - 0.63)	**C-1Z**

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Cable Connectors

Aluminum Sheathed For Smooth and Corrugated ALS Cable

NEC:
Listed for Ordinary Locations

Applications

- To ground and secure Aluminum Sheathed Cable to boxes and enclosures.

Features

- End stopped.
- Male hub threads — NPS.
- Furnished with locknut.

Standard Materials

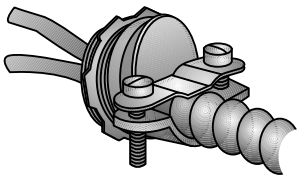
- Malleable iron

Standard Finishes

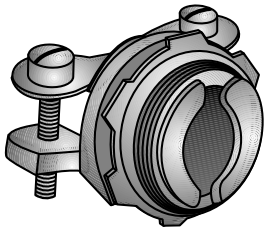
- Zinc electroplated

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11852
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type ALS–50–525



End Stopped

Dimensions in Millimeters (Inches)				Cable Range Dia. over Armor		
K.O. Size Inches	Length of Clamp	Length of Thread	Width of Clamp	Min.	Max.	Catalog Number
1/2	14.22 (0.56)	11.94 (0.47)	35.05 (1.38)	9.65 (0.38)	13.46 (0.53)	**ALS-50-525**

Visit our website at **www.appleton.emerson.com** or contact us at **(800) 621-1506**.
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Cable Connectors

For Non-Metallic Sheathed Cable

NEC/CEC:
Listed for Ordinary Locations

Applications

- Type C-11LS - to secure non-metallic sheathed cable to boxes and enclosures.
- Type 806 and Type 906 Series - to secure non-metallic sheathed cable, service entrance cable and flexible cords to boxes and enclosures.

Features

- Available with insulated throats.
- Furnished with locknuts.
- Male hub threads — NPS.

Standard Materials

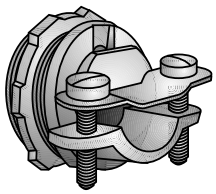
- Malleable iron

Standard Finishes

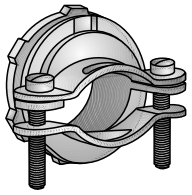
- Zinc electroplated

NEC/CEC Certifications and Compliances

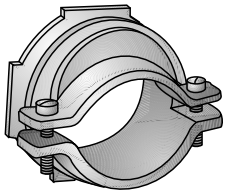
- UL Standard: ANSI/UL 514B
- UL Listed: E-11856
  UL Listed for 806, 906Z, 907, 908, 909 for NM and SE Cables
  UL Listed: E-11858
  UL Listed for 806, 906Z for SE Cable
  C-11L - UL Listed E23237 for NM Cable
- CSA Standard C22.2 No. 18
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type C–11LS

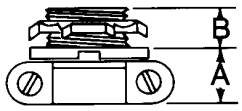


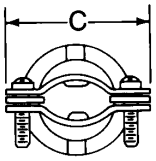
Type 806 — Type 908



Type 909

Illustrated Dimensions





Trade Size (Inches)	Clamp Opening Min.	Clamp Opening Max.	Clamp Opening Width	Dimensions in Millimeters (Inches) A	B	C	Catalog Number	Insulated Throat Catalog Number
1/2	4.83 (0.19)	16.00 (0.63)	—	14.22 (0.56)	11.18 (0.44)	35.05 (1.38)	**C-11LS** ①	**C-11LST** ①
3/4	9.40 (0.37)	21.34 (0.84)	21.34 (0.84)	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	**806**	**806T**
1	10.67 (0.42)	26.67 (1.05)	26.67 (1.05)	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	**906Z**	**906T**
1-1/4	19.05 (0.75)	34.04 (1.34)	34.04 (1.34)	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	**907**	**907T**
1-1/2	23.11 (0.91)	36.83 (1.45)	39.37 (1.55)	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	**908**	**908T**
2	35.31 (1.39)	51.56 (2.03)	51.56 (2.03)	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	**909**	**909T**

① *Longer screw to accommodate extra flexible cables. Not CSA Certified.*

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Cable Connectors

For Non-Metallic Sheathed Flat Cable

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure non-metallic sheathed flat cable, SE/SEU flat cable, and other oval (flat) non-metallic cables to boxes and enclosures.

Features

- 2-screw double clamp - open throat type.
- Furnished with locknut.
- Male hub threads — NPS.

Standard Materials

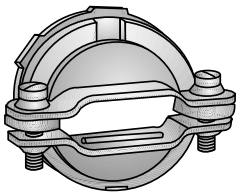
- Malleable iron

Standard Finishes

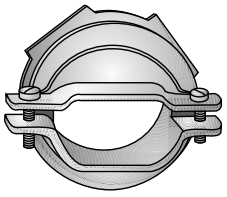
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11856
- CSA Standard C22.2 No. 18
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1



Type 806F — Type 908F



Type 909F

Illustrated Dimensions



Trade Size (Inches)	SEU Cable Range (Braid Neoprene and PVC Jacketed)	Dimensions in Millimeters (Inches)			Clamp Opening Range			Catalog Number
		A	B	C	Min.	Max.	Width	
3/4	3#10 to 3#6	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	8.38 (0.33)	20.83 (0.82)	20.83 (0.82)	**806F** ①
1	3#10 to 3#2	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	7.62 (0.30)	26.92 (1.06)	26.92 (1.06)	**906F**
1-1/4	3#3 to 3#1/0	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	12.70 (0.50)	34.29 (1.35)	34.29 (1.35)	**907F**
1-1/2	3#1/0 to 3#3/0	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	14.99 (0.59)	28.19 (1.11)	39.62 (1.56)	**908F**
2	3#2/0 to 3#4/0	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	19.56 (0.77)	28.96 (1.14)	45.21 (1.78)	**909F**

① *Longer screw to accommodate extra flexible cables. Not CSA Certified.*

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NEC/CEC:
Rated for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

Combination Coupling
3/8" Flexible Metal Conduit to 1/2" EMT

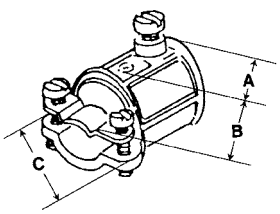
Applications
- To couple 3/8" flexible metal conduit to 1/2" EMT conduit.

Features
- Furnished with locknut.

Standard Material
- Zinc diecast

Illustrated Dimensions





Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/8	16.0 (0.63)	5.6 (0.22)	22.4 (0.88)	10.4 (0.41)	31.8 (1.25)	3.40 (7.50)	**TW38-50DC** ②

Armored Ground Wire and Nonmetallic Sheathed Cable ① Connector

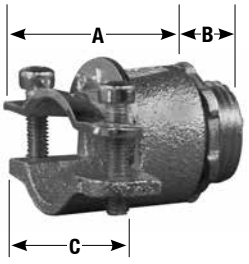
Applications
- To ground and secure armored ground wire and nonmetallic sheathed cable to boxes and enclosures.

Features
- Furnished with locknut.
- Male hub threads — NPS.

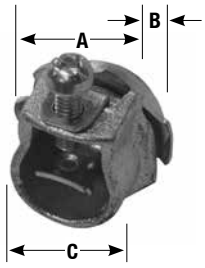
Standard Material
- Malleable iron/zinc plated

NEC/CEC Certifications and Compliances
- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

Illustrated Dimensions



7287V



7230V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Bushed Hole Diameter	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
1/2	23.9 (0.94)	10.4 (0.41)	14.9 (0.59)	27.7 (1.09)	10.4 (0.41)	47.8 (1.88)	7.71 (17.00)	**7287V**
1/2 (3/4" knockout)	23.9 (0.94)	14.9 (0.59)	19.8 (0.78)	27.7 (1.09)	11.2 (0.44)	47.8 (1.88)	8.62 (19.00)	**7288V**
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	-	16.0 (0.63)	11.2 (0.44)	25.4 (1.00)	3.18 (7.00)	**7230V**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.
② UL Listed and CSA Certification not applicable.

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Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC:
Listed for Ordinary Locations

Armored Cable ① and Flexible Metal Conduit Duplex Connector

Applications

- To ground and secure two armored cables to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

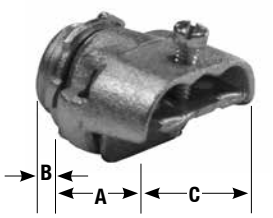
Standard Material/Finish

- Malleable iron/zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Illustrated Dimensions



7240V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Bushed Hole Diameter	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	10.4 (0.41)	24.6 (0.97)	11.9 (0.47)	44.5 (1.75)	9.53 (21.00)	**7240V**

NEC/CEC:
Listed for Ordinary Locations

Armored Cable ① and Flexible Metal Conduit - 45º Connectors

Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material/Finish

- Malleable iron/steel/zinc electroplated

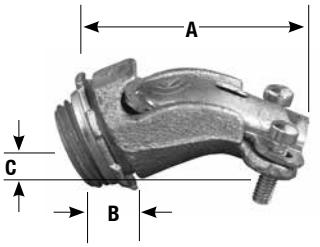
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Illustrated Dimensions



7247V



7245V, 7246V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Bushed Hole Diameter	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/8 (1/2" knockout)	16.0 (0.63)	9.7 (0.38)	13.5 (0.53)	41.4 (1.63)	11.2 (0.44)	25.4 (1.00)	7.26 (16.00)	**7245V**
1/2	23.9 (0.94)	20.6 (0.81)	13.5 (0.53)	42.9 (1.69)	11.2 (0.44)	31.8 (1.25)	10.21 (22.50)	**7246V** ②
3/4	28.4 (1.12)	24.1 (0.95)	20.6 (0.81)	44.5 (1.75)	11.2 (0.44)	38.1 (1.50)	12.70 (28.00)	**7247V** ②

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.
② UL Listed and CSA Certification not applicable.

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NEC/CEC:
Listed for Ordinary Locations

Armored Cable ① and Flexible Metal Conduit - 90º Connectors

Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

Standard Material/Finish

- Malleable iron/steel/zinc electroplated

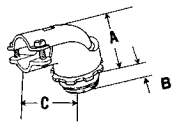
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Illustrated Dimensions



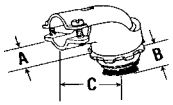
7381V, 7382V



7380V



7381VI, 7382VI



7381VI

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2" knockout)	16.0 (0.63)	7.9 (0.31)	19.1 (0.75)	11.2 (0.44)	31.8 (1.25)	6.62 (14.60	**7380V**	–
1/2	23.9 (0.94)	14.9 (0.59)	38.1 (1.50)	11.2 (0.44)	50.8 (2.00)	10.25 (22.60)	**7381V**	**7381VI**
3/4	28.4 (1.12)	20.6 (0.81)	42.9 (1.69)	11.2 (0.44)	50.8 (2.00)	14.97 (33.00)	**7382V**	**7382VI**

NEC/CEC:
Listed for Ordinary Locations

Armored Cable ① and Flexible Metal Conduit Straight Connectors

Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available

Standard Material/Finish

- Malleable iron/zinc electroplated

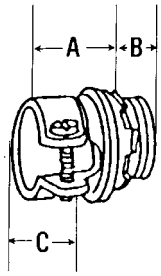
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

Illustrated Dimensions



7265V



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
3/8	16.0 (0.63)	11.9 (0.47)	13.5 (0.53)	11.2 (0.44)	29.5 (1.16)	3.18 (7.00)	**7265V**	–
3/8 (1/2" knockout)	17.5 (0.69)	13.5 (0.53)	21.4 (0.84)	11.2 (0.44)	29.5 (1.16)	5.17 (11.40)	**7480V**	**7480VI**
1/2	23.9 (0.94)	19.1 (0.75)	22.4 (0.88)	11.2 (0.44)	38.1 (1.50)	5.44 (12.00)	**7481V**	**7481VI**
3/4	28.6 (1.1)	23.1 (0.91)	26.9 (1.06)	11.2 (0.44)	42.2 (1.66)	7.94 (17.50)	**7482V**	**7482VI**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

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Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC:
Listed for Ordinary Locations

Flexible Metal Conduit - 90º Connectors

Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

Standard Material/Finish

- Malleable iron/zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



7383



7383I

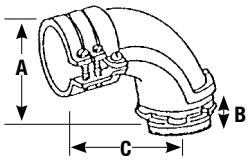


7385I



7385

Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
1	35.1 (1.38)	30.2 (1.19)	58.7 (2.31)	12.7 (0.50)	54.1 (2.13)	25.40 (56.00)	**7383**	**7383I**
1-1/4	45.2 (1.78)	37.3 (1.47)	71.4 (2.81)	14.2 (0.56)	69.9 (2.75)	53.52 (118.00)	**7384**	**7384I**
1-1/2	50.8 (2.00)	43.7 (1.72)	75.4 (2.97)	14.2 (0.56)	88.9 (3.50)	79.83 (176.00)	**7385**	**7385I**
2	61.9 (2.44)	50.8 (2.00)	104.9 (4.13)	19.1 (0.75)	120.7 (4.75)	131.54 (290.00)	**7386**	**7386I**
2-1/2	76.2 (3.00)	67.6 (2.66)	124.0 (4.88)	26.9 (1.06)	149.4 (5.88)	204.12 (450.00)	**7387**	**7387I**
3	88.9 (3.50)	80.3 (3.16)	139.7 (5.50)	26.9 (1.06)	168.4 (6.63)	277.60 (612.00)	**7388**	**7388I**

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NEC/CEC: — Listed for Ordinary Locations
Suitable for use with flexible metal conduit in Class I, Division 2 Hazardous Locations per NEC 501.10 (B)(2)

Flexible Metal Conduit Connectors
One Screw and Two Screw

Applications

- To ground and secure flexible metal conduit or armored cable to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

Standard Material/Finish

- Malleable iron/zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795
- NEMA: FB-1
- 7483/7483I – 7488/7488I CSA Certified for Armored Cable



7483



7483I

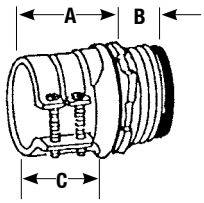


7485



7485I

Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C		
One Screw							
1	35.1 (1.38)	26.2 (1.03)	28.7 (1.13)	12.7 (0.50)	50.0 (1.97)	**7483**	**7483I**
1-1/4	41.28 (1.63)	35.1 (1.38)	28.7 (1.13)	14.2 (0.56)	57.2 (2.25)	**7484**	**7484I**
Two Screw							
1-1/2	49.5 (1.95)	41.4 (1.63)	46.7 (1.84)	14.2 (0.56)	59.4 (2.34)	**7485**	**7485I**
2	62.2 (2.45)	54.9 (2.16)	50.8 (2.00)	19.1 (0.75)	84.1 (3.31)	**7486**	**7486I**
2-1/2	77.7 (3.06)	68.6 (2.70)	50.8 (2.00)	20.6 (0.81)	103.9 (4.09)	**7487**	**7487I**
3	90.4 (3.56)	77.0 (3.03)	55.6 (2.19)	23.9 (0.94)	115.8 (4.56)	**7488**	**7488I**
3-1/2	104.9 (4.13)	95.3 (3.75)	62.0 (2.44)	25.4 (1.00)	130.3 (5.13)	**7489**	**7489I**
4	118.6 (4.67)	106.4 (4.19)	68.3 (2.69)	25.4 (1.00)	144.5 (5.69)	**7490**	**7490I**

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Nonmetallic Sheathed Cable Connectors

NEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

Nonmetallic Sheathed Cable ① Connector With Cam Lock

Applications

- To ground and secure nonmetallic sheathed cable to boxes and enclosures.

Features

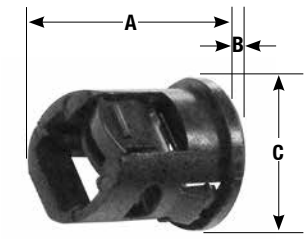
- Positive-stop locking action.
- Used with 14-2, 12-2 and 10-2 (with or without ground).

Standard Material

- Thermoplastic

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- NEMA: FB-1



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
1/2	27.7 (1.09)	3.3 (0.13)	25.4 (1.00)	0.59 (1.30)	**A-1** ②

Nonmetallic Sheathed Cable and Service Entrance Cable ① Connectors

Applications

- To secure service entrance cable snd nonmetallic sheathed to boxes and enclosures.

Features

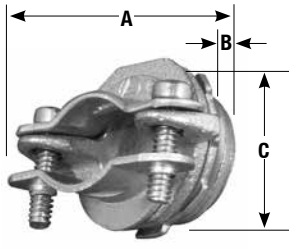
- Furnished with locknut.
- Male hub threads — NPS.

Standard Material/Finish

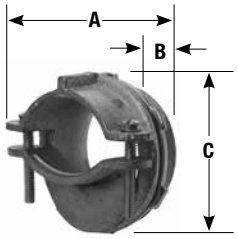
- Malleable iron/zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233



15237

Trade Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	**15233**
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	**15234**
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	**15235**
1-1/2	40.4 (1.59)	20.6 (0.81)	20.6 (0.81)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	**15236**
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	**15237**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.
② Not CSA certified.

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SPEED–LOCK™ Steel Box Connectors and SPEED–LOCK™ Zinc Snap Connectors

Type AMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground and secure MC, AC and flexible metal conduit to boxes and enclosures.
- For steel box installations.

Features

- No locknut required.
- Single-unit or duplex construction with captive clamp.
- Connects over 100 sizes of MC, AC or flexible metal conduit with just four fittings.
- Easy to install. Just tilt, insert and snap down.
- Single-unit construction eliminates loose component parts.
- Integral red plastic insulated throat busing provides maximum protection for wire insulation.

Standard Material/Finish

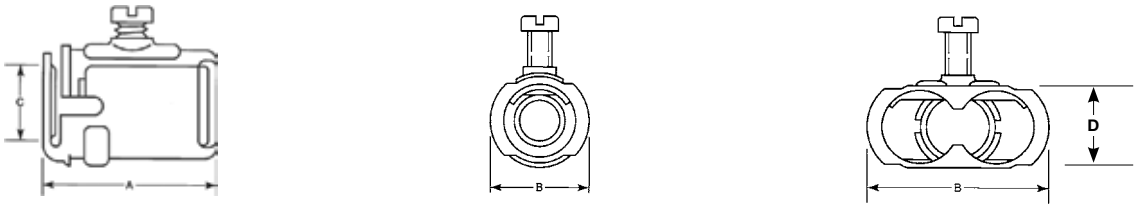
- Steel/zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 028507

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Weight per 100 kg (lb)	Catalog Number
 **AMC–50**	1/2 Single	35.1 (1.38)	25.4 (1.00)	10.4 (0.41)	17.5 (0.69)	2.95 (6.50)	**AMC-50**
	3/4 Single	41.4 (1.63)	33.3 (1.31)	14.2 (0.56)	24.9 (0.98)	3.40 (7.50)	**AMC-75**
 **AMC–52**	1/2 Knockout; 3/4 capacity	41.4 (1.63)	33.3 (1.31)	14.2 (0.56)	24.9 (0.98)	3.40 (7.50)	**AMC-5075**
	1/2 Duplex	39.6 (1.56)	43.7 (1.72)	14.2 (0.56)	17.5 (0.69)	5.44 (12.00)	**AMC-52**

Illustrated Dimensions



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SPEED–LOCK™ Steel Box Connectors and SPEED–LOCK™ Zinc Snap Connectors

Type AMC

NEC/CEC:
Listed for Ordinary Locations

Cable Type	AMC–50 1/2" Knockout	AMC–5075 1/2" Knockout 3/4" Capacity	AMC–75 3/4" Knockout	AMC–52 ① 1/2" Knockout Duplex
AC Steel and HCF AC Steel	(0.475 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.605 to 0.853 Dia.) 10/4, 10/5, 8/3, 8/4, 6/3	(0.545 to 0.850 Dia.) 10/3, 10/4, 10/5, 8/3, 8/4, 6/3	(0.475 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3
AC Aluminum and HCF AC Aluminum	(0.464 to 0.610 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.610 to 0.823 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.600 to 0.835 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.464 to 0.600 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI Steel	(0.455 to 0.565 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.580 to 0.690 Dia.) 10/3, 10/4, 10/5, 8/3	(0.550 to 0.850 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.455 to 0.545 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI Aluminum	(0.455 to 0.600 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.520 to 0.690 Dia.) 10/3, 10/4, 10/5, 8/3	(0.580 to 0.850 Dia.) 10/3, 10/4, 10/5 8/3, 8/4, 6/3	(0.455 to 0.550 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4
MCI-A and HCF MCI-A Aluminum	(0.385 to 0.510 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	(0.675 Dia.) 8/3	(0.675 to 0.785 Dia.) 8/3, 8/4, 6/3	(0.385 to 0.520 Dia.) 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3
Steel Flex	3/8”	1/2”	1/2”	3/8”
Aluminum Flex	3/8”	1/2”	1/2”	3/8”
Reduced Wall Steel Flex	3/8”	1/2”	1/2”	3/8”
Reduced Wall Aluminum Flex	3/8”	1/2”	1/2”	3/8”
Extra Reduced Wall Steel Flex	3/8”	1/2”	1/2”	3/8”
Extra Reduced Wall Aluminum Flex	3/8”	1/2”	1/2”	3/8”

① *Accepts two cables of each size listed. Requires armormed cable bushing when used with flexible metal conduit.*
Note: All dimensions are “over-armor” dimensions.

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SPEED–LOCK™ Steel Box Connectors and SPEED–LOCK™ Zinc Snap Connectors

NEC/CEC:
Listed for Ordinary Locations

Applications

- To ground and secure steel or aluminum AC, MC, MCI, MCI-A, HFC-MCI, FMC and RWFMC flexible metal conduit to boxes and enclosures in dry locations.
- For 1/2" knockout.

Features

- Patented design installs in seconds without the use of tools or locknut.
- Significantly reduces labor.
- Single, duplex or 90 degree construction.
- Design eliminates loose component parts.
- Superior pullout protection.
- Easily removable for reuse.
- Integral red plastic insulated throat +105 °C (+221 °F) rated provides maximum protection for wire insulation.
- Concrete tight when tapped.



38SLC



38SLC0W



3838SLC



3890SLC and 5090SLC

Standard Material/Finish

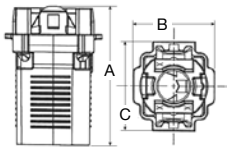
- Body – Zinc diecast
- Cover – Steel/Zinc electroplated
- Insulator – Non-Metallic

NEC/CEC Certifications and Compliances

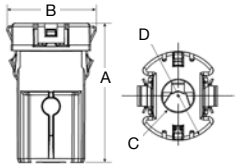
- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- cULus Listed: E-11853

Trade Size (Inches)	OB/SB KO Size (Inches)	Connector Type	AC/MC	Cable Type Aluminium MCI–A	Cable Type Steel MCI–A	Cable Size	Cable Diameter Millimeters (Inches)	Weight per 100 kg (lb)	Catalog Number
3/8	1/2	Straight	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	**38SLC**
3/8	1/2	Straight	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	**38SLCBULK**
3/8	1/2	Cut-In (Old Work)	X	X	X	3/8" 14/2 to 10/3	10.03 - 16.21 (0.395 - 0.638)	2.72 (6.0)	**38SLC0W**
3/8	1/2	Duplex	X	X	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	4.99 (11.0)	**3838SLC**
3/8	1/2	Duplex	X	X	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	4.99 (11.0)	**3838SLCBULK**
3/8	1/2	90˚	X	—	—	3/8" 14/2 to 10/3	11.68 -15.49 (0.460 - 0.610)	3.40 (7.5)	**3890SLC**
1/2	1/2	90˚	X	—	—	1/2" 8/2 to 8/3	17.02 -19.94 (0.670 - 0.785)	4.99 (11.0)	**5090SLC**

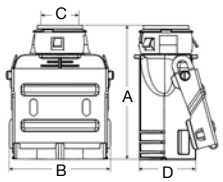
Dimensions in Millimeters (Inches)



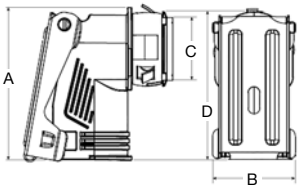
38SLC



38SLC0W



3838SLC



3890SLC and 5090SLC

Catalog Number	A	B	C	D
38SLC	23.8 (0.94)	20.8 (0.82)	37.3 (1.47)	—
38SLC0W	39.0 (1.54)	24.9 (0.98)	9.35 (0.37)	28.0 (1.10)
3838SLC	53.3 (2.10)	40.1 (1.58)	15.0 (0.59)	22.3 (0.88)
3890SLC	49.0 (1.93)	31.4 (1.24)	15.0 (0.59)	52.2 (2.06)
5090SLC	39.0 (1.54)	24.9 (0.98)	9.35 (0.37)	28.0 (1.10)

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NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

SC: Straight Squeeze Type Connector

Application

- These squeeze type connectors are used to terminate flexible metal conduit to a 1/2" knockout in a dry location box or enclosure.

Features

- Male hub threads — NPS.
- 1/2" and 3/4" available with insulated throat.
- Furnished with locknut.
- Combination head screws on SC-38, SC(I)-50 and SC(I)-75.

Standard Material

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

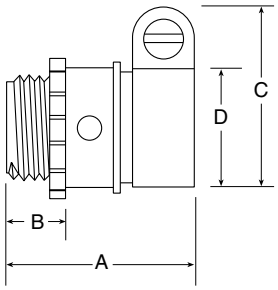
Note:

- *SC-38, SC-50, SC-125, SC-150 and SC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.*
- *SC-75, SC-200, SC-300 and SC-350 listed for use with regular wall steel and aluminum flexible metal conduit.*



SC–38

Illustrated Dimensions



Dimensions in Millimeters (Inches)

Trade Size (Inches)	A	B	C	Inside Diameter Range D (max)	Inside Diameter Range D (min)	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 knockout)	38.1 (1.50)	12.2 (0.48)	26.9 (1.06)	16.5 (0.65)	13.5 (0.53)	**SC-38**	—
1/2	38.1 (1.50)	12.2 (0.48)	34.3 (1.35)	25.4 (1.00)	22.4 (0.88)	**SC-50**	**SCI-50**
3/4	40.9 (1.61)	12.7 (0.50)	39.9 (1.57)	29.5 (1.16)	23.9 (0.94)	**SC-75**	**SCI-75**
1	44.5 (1.75)	14.0 (0.55)	50.0 (1.97)	35.1 (1.38)	31.8 (1.25)	**SC-100**	—
1-1/4	48.8 (1.92)	15.5 (0.61)	56.6 (2.23)	41.4 (1.63)	38.1 (1.50)	**SC-125**	—
1-1/2	53.1 (2.09)	18.0 (0.71)	64.0 (2.52)	50.8 (2.00)	44.5 (1.75)	**SC-150**	—
2	59.7 (2.35)	18.5 (0.73)	77.7 (3.06)	63.5 (2.50)	56.4 (2.22)	**SC-200**	—
2-1/2	73.4 (2.89)	22.6 (0.89)	98.0 (3.86)	77.7 (3.06)	69.9 (2.75)	**SC-250**	—
3	98.8 (3.89)	25.4 (1.00)	112.3 (4.42)	90.4 (3.56)	81.8 (3.22)	**SC-300**	—
3-1/2	107.7 (4.24)	25.1 (0.99)	124.0 (4.88)	103.1 (4.06)	94.5 (3.72)	**SC-350**	—
4	115.6 (4.55)	25.4 (1.00)	138.7 (5.46)	114.3 (4.50)	105.7 (4.16)	**SC-400**	—

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NEER™ Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

NEC/CEC:
Listed for Ordinary Locations

AC: 90° Two Screw Clamp

Application

- To make a 90° termination of conduit or cable to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features

- Male hub threads — NPS.
- All center stopped.
- Furnished with locknut.
- Available with insulated throat.
- Combination head screws on AC(I)-90 thru AC(I)-96.

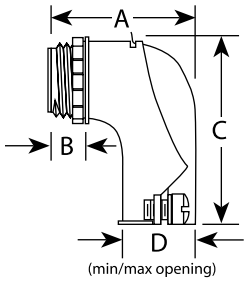
Standard Material/Finish

- Body: zinc diecast
- Cover: steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25014
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

Illustrated Dimensions





AC–90

Note:

- *AC-90 through AC-400-D listed for use with regular and reduced wall steel and aluminum flexible metal conduit.*
- *AC-90 and ACI-90 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-3 AWG (nominal O.D. 14.7mm (0.58in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 10-2 AWG (nominal O.D. 11.4mm (0.45in) to 10-4 AWG (nominal O.D. 13.7mm (0.54in) aluminum interlocking metal clad cable, grounding type (MCI-A).*
- *AC-95 and ACI-95 listed for use with 8-2 AWG (nominal O.D. 16.8mm (0.66in) to 8-3 AWG (nominal O.D. 19.3mm (0.76in) steel armored cable (AC); 8-2 AWG (nominal O.D. 17.8mm (0.70in) to 8-3 AWG (nominal O.D. 20.1mm (0.79in) aluminum armored cable (AC); 8-2 AWG (nominal O.D. 17.3mm (0.68in) to 8-3 AWG (nominal O.D. 19.3mm (0.76in) steel interlocking metal clad cable (MCI); 8-2 AWG (nominal O.D. 17.3mm (0.68in) to 8-3 AWG (nominal O.D. 19.8mm (0.78in) aluminum interlocking metal clad cable (MCI).*

Dimensions in Millimeters (Inches)						
Trade Size (Inches)	A	B	C	D Min. – Max.	Catalog Number	Insulated Throat Catalog Number
3/8 (1/2 knockout)	28.4 (1.12)	12.2 (0.48)	45.2 (1.78)	0.78/19.8 (0.45/11.4)	**AC-90**	**ACI-90**
1/2	38.4 (1.51)	10.7 (0.42)	53.8 (2.12)	1.15/29.2 (0.70/17.8)	**AC-95**	**ACI-95**
3/4	43.2 (1.70)	11.2 (0.44)	53.1 (2.09)	1.40/35.6 (0.98/24.9)	**AC-96**	**ACI-96**
1	59.2 (2.33)	13.7 (0.54)	72.9 (2.87)	1.73/43.9 (1.09/27.7)	**AC-97**	—
1-1/4	69.9 (2.75)	16.3 (0.64)	101.6 (4.00)	1.97/50.0 (1.34/34.0)	**AC-98**	—
1-1/2	95.3 (3.75)	19.1 (0.75)	152.4 (6.00)	2.61/66.3 (1.65/41.9)	**AC-985**	—
2	101.6 (4.00)	18.8 (0.74)	152.4 (6.00)	2.54/64.5 (1.54/39.1)	**AC-99**	—
2-1/2	155.4 (6.12)	22.1 (0.87)	182.6 (7.19)	2.98/75.7 (2.45/62.2)	**AC-250-D**	—
3	170.2 (6.70)	26.2 (1.03)	199.9 (7.87)	3.45/87.6 (2.93/74.4)	**AC-300-D**	—
3-1/2	190.5 (7.50)	26.2 (1.03)	238.8 (9.40)	3.95/100.3 (3.28/83.3)	**AC-350-D**	—
4	221.0 (8.70)	26.2 (1.03)	259.1 (10.2)	4.42/112.3 (3.68/93.5)	**AC-400-D**	—

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NEER™ Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

NEC/CEC:
Listed for Ordinary Locations

DC-5500: Duplex, Single Screw, Clamp Type

Application

- To make a termination of flexible metal conduit to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Combination head screw.

Standard Material

- Zinc diecast

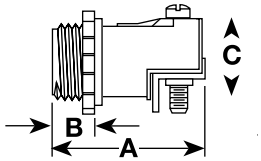
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



DC–5500

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Body Length**	**Thread Length**	**Diameter**	**Catalog Number**
3/8 (1/2 knockout)	38.1 (1.50)	10.9 (0.43)	21.6 (0.85)	**DC-5500**

Note:

- *DC-5500 listed for use with 9.7mm (0.38in) regular and reduced wall steel an aluminum flexible metal conduit.*
- *DC-5500 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-2 AWG (nominal O.D. 14.7mm (0.58in) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 9.4mm (0.37in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) aluminum interlocking metal clad cable, grounding type (MCI-A).*

NEC/CEC:
Listed for Ordinary Locations

C-510: Two Screw Connectors

Application

- To terminate regular wall steel or aluminum flexible conduit to a 1/2" knockout in a dry box or enclosure.

Features

- End stopped.
- Male hub threads — NPS.
- Furnished with locknut.
- Combination head screw.

Standard Material

- Zinc diecast

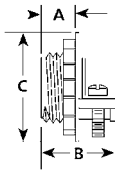
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C–510

Illustrated Dimensions



Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Body Length**	**Thread Length**	**Diameter**	**Catalog Number**
3/8 (1/2 knockout)	22.1 (0.87)	9.4 (0.37)	23.1 (0.91)	**C-510**

Note:

- *C-510 listed for use with 9.7mm (0.38in) regular and reduced wall steel an aluminum flexible metal conduit.*
- *C-510 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-2 AWG (nominal O.D. 15.2mm (0.60in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-2 AWG (nominal O.D. 14.5mm (0.57in) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 9.4mm (0.37in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) aluminum interlocking metal clad cable, grounding type (MCI-A).*

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NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

FC: Set Screw Type Connectors

Application

- To terminate 1/2" regular wall steel or aluminum flexible conduit to a 1/2" knockout in a dry location box or enclosure.

Feature

- Furnished with locknut.

Standard Material

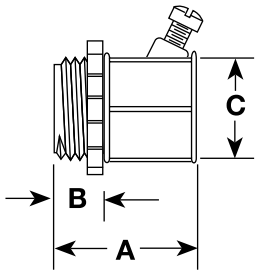
- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	38.1 (1.50)	10.2 (0.40)	30.2 (1.19)	**FC-5501**

GC Note:

- *GC-38 through GC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.*

GC: Screw-In Connectors

Application

- Screw-in type connectors for flexible metal conduit.

Feature

- Furnished with locknut.

Standard Material

- Zinc diecast

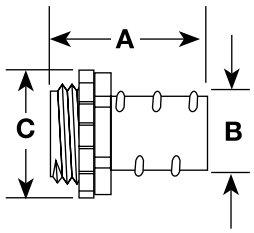
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



GC–38

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
Without Insulated Throat				
3/8 (1/2 knockout)	33.0 (1.30)	9.7 (0.38)	23.4 (0.92)	**GC-38**
1/2	34.8 (1.37)	16.0 (0.63)	23.4 (0.92)	**GC-50**
3/4	41.4 (1.63)	21.1 (0.83)	28.7 (1.13)	**GC-75**
1	49.3 (1.94)	28.4 (1.12)	43.4 (1.71)	**GC-100**
1-1/4	53.8 (2.12)	35.8 (1.41)	53.8 (2.12)	**GC-125**
1-1/2	58.7 (2.31)	43.2 (1.70)	60.2 (2.37)	**GC-150**
2	65.8 (2.59)	55.4 (2.18)	76.2 (3.00)	**GC-200**
Insulated Throat				
3/8 (1/2 knockout)	35.1 (1.38)	9.7 (0.38)	23.4 (0.92)	**GCI-38**
1/2	37.1 (1.46)	16.0 (0.63)	23.4 (0.92)	**GCI-50**
3/4	43.4 (1.71)	21.1 (0.83)	28.7 (1.13)	**GCI-75**

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NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit to Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

Application

- Screw-in type connectors used to join lengths of flexible metal conduit.

Standard Material

- Zinc diecast

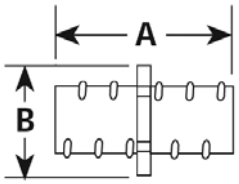
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



GX–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	45.5 (1.79)	24.6 (0.97)	**GX-50**
3/4	53.3 (2.10)	30.7 (1.21)	**GX-75**
1	61.2 (2.41)	37.3 (1.47)	**GX-100**
1-1/4	70.1 (2.76)	48.0 (1.89)	**GX-125**
1-1/2	78.0 (3.07)	57.9 (2.28)	**GX-150**
2	83.3 (3.28)	72.1 (2.84)	**GX-200**

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NEER™ Zinc Cable Connectors

NEC/CEC:
Listed for Ordinary Locations

TA-38: Saddle Clamp

Application

- To terminate armored cable, metal clad cable or nonmetallic sheathed cable in a 1/2" knockout in a dry location box or enclosure.

Feature

- Furnished with locknut.

Standard Material

- Zinc diecast

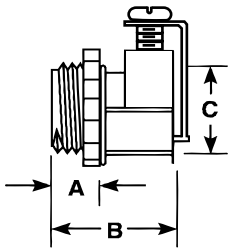
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25014
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TA–38

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 (1/2 knockout)	9.1 (0.36)	22.9 (0.90)	16.5 (0.65)	**TA-38**

Note:

- *TA-38 is listed for use with 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) steel armored cable (AC); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-3 AWG (nominal O.D. 14.9mm (0.59in) aluminum armored cable (AC): 12.2mm (0.48in) to 15.2mm (0.60in) O.D. steel interlocking metal clad cable (MCI); 11.9mm (0.47in) to 15.5mm (0.61in) O.D. aluminum interlocking metalclad cable (MCI); 11.4mm (0.45in) to 14.7mm (0.58in) O.D. aluminum interlocking metal clad cable, grounding type (MCI-A); 12-2 AWG to 10-3 AWG nonmetallic sheathed cable.*

NEC/CEC:
Listed for Ordinary Locations

C-550: Set Screw

Application

- To terminate armored cable or metal clad cable in a 1/2" knockout in a dry location box or enclosure.

Feature

- Furnished with locknut.

Standard Material

- Zinc diecast

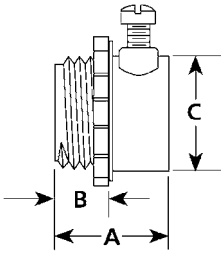
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C–550

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 (1/2 knockout)	19.8 (0.78)	9.1 (0.36)	23.6 (0.93)	**C-550**

Note:

- *C-550 is listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-2 AWG (nominal O.D. 15.2mm (0.60in) steel armored cable (AC) and 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI).*

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NEER™ Connectors for Nonmetallic Sheathed Cable

NEC/CEC:
Listed for Ordinary Locations

Application

- Open throat type for nonmetallic sheathed cable.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material/Finish

- Body: zinc diecast
- Clamp: steel/zinc plated
- Screw: steel/zinc plated

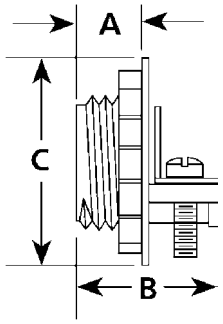
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



C–500

Illustrated Dimensions



Dimensions in Millimeters (Inches)					
Trade Size (Inches)	**A**	**B**	**C**	**Nm Cable Range**	**Catalog Number**
3/8 (1/2 knockout)	9.1 (0.36)	20.6 (0.81)	23.1 (0.91)	14-2 to 12-2	**C-500**
3/4	10.7 (0.42)	23.9 (0.94)	30.5 (1.20)	10-3 to 8-2	**C-750**
1	13.0 (0.51)	28.2 (1.11)	38.4 (1.51)	10-3 to 4-2	**C-1001-R**

Note:

- *All connectors listed for use with a single cable only except for the C-500 which is also listed for use with two 14-2 AWG or two 12-2 AWG NM cables. C-500 also listed for flexible cord with a diameter range of 0.29in./ 7.4mm. to 0.45in./11.4mm.*

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NEER™ Connectors for Nonmetallic Sheathed Cable

NEC/CEC:
Rated for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

RX: Two Piece Nonmetallic Sheathed Cable Two Screw Connector

Applications

- To terminate one or more nonmetallic sheathed cables to a knockout in a dry location box or enclosure.
- Used in "old work" locations.

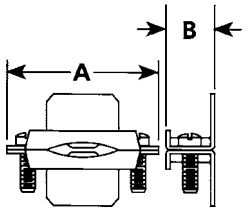
Standard Material/Finish

- Steel/zinc plated



RX–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	33.8 (1.33)	16.3 (0.64)	**RX-50**
3/4 or 1	44.5 (1.75)	19.3 (0.76)	**RX-75**
1-1/4	57.2 (2.25)	21.6 (0.85)	**RX-125**
1-1/2 or 2	69.3 (2.73)	21.3 (0.84)	**RX-150**

NST: Plastic Nonmetallic Sheathed Cable Connector

Applications

- These PVC connectors are used to terminate nonmetallic sheathed cable to 1/2" knockout in a dry location box or enclosure.

Standard Material

- PVC

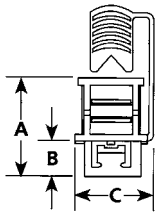
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18
- CSA Certified: 229356
- NEMA: FB-1



NST–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	34.8 (1.37)	12.2 (0.48)	25.4 (1.00)	**NST-50**

Note:
- *NST-50 is listed for use with one 14-2, 14-3, 12-2, 12-3, 10-2 or 10-3 nonmetallic sheathed cable or two 14-2, 14-3 or 12-2 nonmetallic sheathed cables.*

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NEER™ Anti–Short Bushings

NEC/CEC:
Rated for Ordinary Locations

AS: Thermoplastic

Applications

- These anti-short bushings are used in the terminations of flexible metal conduit and armored cables. Insert into inside diameter of each terminiation point to protect the conductors from the sharp edges of the raceway where cut.

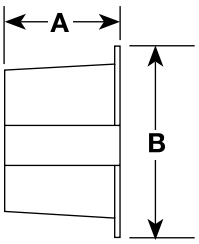
Standard Material

- Plastic



AS–0

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	For Cable Sizes	Catalog Number
Bagged (Packed in Printed Polybags)				
5/16	14.7 (0.57)	16.3 (0.64)	14-2, 14-3, 12-2, Armored Cable; 5/169 Flexible Conduit	**AS-0-100**
3/8	17 (0.67)	16.8 (0.66)	14-4, 12-3, 6-1, 4-1, Armored Cable; 3/89 Flexible Conduit	**AS-1-100**
7/16	15.5 (0.61)	20.8 (0.82)	12-4, 10-2, 10-3, 2-1, Armored Cable; 7/169 Flexible Conduit	**AS-2-100**
1/2	17 (0.67)	23.9 (0.94)	10-4, 8-2, 8-3, 1-1, Armored Cable; 1/29 Flexible Conduit	**AS-3-50**
3/4	20.1 (0.79)	29.5 (1.16)	8-4, 6-2, 6-3, Armored Cable; 3/49 Flexible Conduit	**AS-4-50**

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NEER™ EMT Straps

For EMT.

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

1901 and 1807: One Hole Click-On

Application

- Click-on type one hole straps for EMT provides support for conduit, as required by the National Electrical Code.

Material/Finish

- Steel/zinc plated

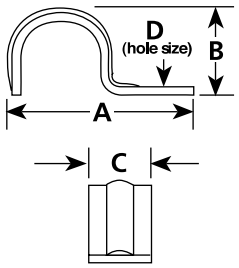
NEC/CEC Certifications and Compliances

- UL Standard: 2239
- 1901 through 1906 UL Listed: E333806
- CSA Standard: C22.2 18.4
- 1901 through 1903 cUL Listed: E333806



1901

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	41.7 (1.64)	20.3 (0.80)	14.5 (0.57)	7.1 (0.28)	**1901**
3/4	49.8 (1.96)	24.9 (0.98)	16.0 (0.63)	7.1 (0.28)	**1902**
1	56.4 (2.22)	28.7 (1.13)	19.1 (0.75)	7.1 (0.28)	**1903**
1-1/4	72.6 (2.86)	38.1 (1.50)	22.1 (0.87)	9.7 (0.38)	**1904**
1-1/2	79.8 (3.14)	44.5 (1.75)	25.1 (0.99)	9.7 (0.38)	**1905**
2	98.8 (3.89)	50.8 (2.00)	28.2 (1.11)	11.2 (0.44)	**1906**
2-1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	**1807**
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	**1808**
3-1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	**1809**
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	**1810**

TH-1901 and TH-1807: Two Hole Snap-On

Application

- Snap-on type two hole straps for EMT are used where higher load bearing supports are desired.

Material/Finish

- Steel/zinc plated

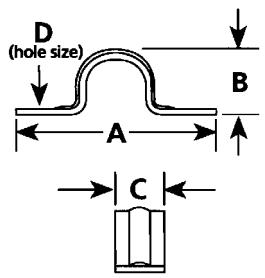
NEC/CEC Certifications and Compliances

- TH-1901 through TH-1905
- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 18.4
- cUL Listed: E333806



TH–1901

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	55.1 (2.17)	18.3 (0.72)	14.2 (0.56)	4.8 (0.19)	**TH-1901**
3/4	68.8 (2.71)	23.1 (0.91)	15.5 (0.61)	4.8 (0.19)	**TH-1902**
1	78.7 (3.10)	28.4 (1.12)	17.3 (0.68)	4.8 (0.19)	**TH-1903**
1-1/4	94.0 (3.70)	36.6 (1.44)	18.8 (0.74)	6.4 (0.25)	**TH-1904**
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	**TH-1905**
2	122.7 (4.83)	54.1 (2.13)	25.4 (1.00)	9.7 (0.38)	**TH-1906**
2-1/2	151.9 (5.98)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	**TH-1807**
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	**TH-1808**
3-1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	**TH-1809**
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	**TH-1810**

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NEER™ Cable Straps

NEC/CEC:
Rated for Ordinary Locations

MS and BX: Armored Cable Straps

Applications

- These one hole straps provide support for runs of armored cable.

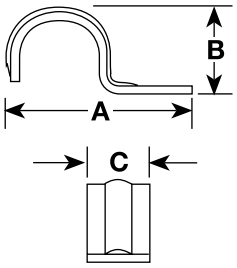
Standard Material/Finish

- Steel/zinc plated



MS–4

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/4	25.4 (1.00)	12.7 (0.50)	6.9 (0.27)	**MS-4**
3/8	32.5 (1.28)	12.7 (0.50)	12.4 (0.49)	**BX-50**

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ETP™ 4000S Series Steel EMT Set Screw Connectors

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceways to boxes and enclosures.

Features

- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Three-way combination screws 1/2" thru 2".
- Slotted hexhead screw 2-1/2" thru 4".
- Insulated throat connector rated +90 °C (+194 °F).
- 2-1/2" thru 4" rated for threadless Aluminum RMC and steel IMC.



4050S–4100S



4125S – 4400S

Materials/Finish

- Steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E-14895
- CSA Certified: 028507
- NEMA: FB-1

Dimensions in Millimeters (Inches)						
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Thread Length**	**Weight per 100 kg (lb)**	**Catalog Number**	**Insulated Throat Catalog Number**
1/2	26.2 (1.03)	21.3 (0.84)	11.2 (0.44)	4.54 (10.00)	**4050S**	**4050ST**
3/4	27.7 (1.09)	27.4 (1.08)	11.2 (0.44)	6.80 (15.00)	**4075S**	**4075ST**
1	30.2 (1.19)	33.3 (1.31)	11.2 (0.44)	10.43 (23.00)	**4100S**	**4100ST**
1-1/4	44.5 (1.75)	42.9 (1.69)	14.2 (0.56)	19.05 (42.00)	**4125S**	**4125ST**
1-1/2	49.3 (1.94)	49.3 (1.94)	14.2 (0.56)	24.04 (53.00)	**4150S**	**4150ST**
2	55.6 (2.19)	60.5 (2.38)	16.0 (0.63)	34.02 (75.00)	**4200S**	**4200ST**
2 - 1/2	81.3 (3.20)	74.4 (2.93)	16.5 (0.65)	58.97 (130.00)	**4250S**	**4250ST**
3	83.8 (3.30)	90.4 (3.56)	16.5 (0.65)	104.33(230.00)	**4300S**	**4300ST**
3 - 1/2	87.9 (3.46)	103.1 (4.06)	18.3 (0.72)	113.40 (250.00)	**4350S**	**4350ST**
4	87.9 (3.46)	115.8 (4.56)	18.3 (0.72)	113.40 (250.00)	**4400S**	**4400ST**

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ETP™ 5000S Steel EMT Set Screw Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway sections together.

Features

- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Three-way combination screws 1/2" thru 2".
- Slotted hexhead screw 2-1/2" thru 4".
- 2-1/2" thru 4" rated for threadless aluminum or steel RMC and IMC conduit.



5050S — 5100S



5125S — 5400S

Material/Finish

- Steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 2) E-14895,E-11853
- UL Listed: (2-1/2 - 4) E-11853
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E-14895
- CSA Certified: 028507
- NEMA: FB-1

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Weight per 100 kg (lb)**	**Catalog Number**
1/2	44.5 (1.75)	21.3 (0.84)	4.54 (10.00)	**5050S**
3/4	54.1 (2.13)	27.4 (1.08)	7.26 (16.00)	**5075S**
1	63.5 (2.50)	33.3 (1.31)	1.34 (25.00)	**5100S**
1-1/4	82.6 (3.25)	42.9 (1.69)	0.41 (45.00)	**5125S**
1-1/2	95.3 (3.75)	49.3 (1.94)	7.22 (60.00)	**5150S**
2	101.6 (4.00)	60.5 (2.38)	7.19 (82.00)	**5200S**
2 - 1/2	101.6 (4.00	47.4 (2.93)	5.30 (166.0)	**5250S**
3	108.0 (4.25)	90.4 (3.56)	6.62 (213.0)	**5300S**
3 - 1/2	114.3 (4.50)	103.1 (4.06)	7.93 (260.0)	**5350S**
4	120.7 (4.75)	116.8 (4.60)	6.08 (300.0)	**5400S**

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ETP™ 7000S Series Steel EMT Compression Connectors

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceways to boxes and enclosures.

Features

- Male hub threads — NPS.
- Available with insulated throat.
- Concretetight.
- Insulated throat connector rated +90 °C (+194 °F).

Materials/Finish

- Body and nut: steel
- Steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14815, E-14814
- cUL Listed: E14815
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



7050S –7400St

Dimensions in Millimeters (Inches)						
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Thread Length**	**Weight per 100 kg (lb)**	**Catalog Number**	**Insulated Throat Catalog Number**
1/2	28.7 (1.13)	26.9 (1.06)	9.7 (0.38)	6.80 (15.00)	**7050S**	**7050ST**
3/4	26.2 (1.03)	31.8 (1.25)	11.2 (0.44)	9.53 (21.00)	**7075S**	**7075ST**
1	31.8 (1.25)	39.6 (1.56)	11.2 (0.44)	14.51 (32.00)	**7100S**	**7100ST**
1-1/4	46.0 (1.81)	50.8 (2.00)	14.2 (0.56)	32.66 (72.00)	**7125S**	**7125ST**
1-1/2	50.8 (2.00)	55.6 (2.19)	14.2 (0.56)	38.56 (85.00)	**7150S**	**7150ST**
2	57.2 (2.25)	68.3 (2.69)	17.5 (0.69)	56.25 (124.00)	**7200S**	**7200ST**
2 - 1/2 ①	89.4 (3.52)	74.4 (2.93)	16.5 (0.65	72.57 (160.00)	**7250S**	**7250ST**
3 ①	89.4 (3.52)	90.4 (3.56)	16.5 (0.65	120.20 (265.00)	**7300S**	**7300ST**
3 - 1/2 ①	93.7 (3.69)	103.1 (4.06)	18.3 (0.72)	192.78 (425.00)	**7350S**	**7350ST**
4 ①	93.7 (3.69)	115.8 (4.56)	18.3 (0.72)	272.16 (600.00)	**7400S**	**7400ST**

① *Rated for steel EMT. aluminum and steel RMC, and steel IMC.*

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ETP™ 6000S Steel EMT Compression Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway sections together.

Features

- Concretetight.
- Raintight (wet locations) Canada.

Material/Finish

- Body and nut: steel.
- Steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- cUL Listed: E-14895, E14815
- CSA Certified: 009795
- NEMA: FB-1



6050S – 6400S

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Weight per 100 kg (lb)**	**Catalog Number**
1/2	35.1 (1.38)	21.3 (0.84)	8.6 (19.00)	**6050S**
3/4	38.1 (1.50)	35.1 (1.38)	11.3 (25.00)	**6075S**
1	42.2 (1.66)	33.3 (1.31)	17.7 (39.00)	**6100S**
1-1/4	63.5 (2.50)	42.9 (1.69)	39.9 (88.00)	**6125S**
1-1/2	63.5 (2.50)	49.3 (1.94)	47.2 (104.00)	**6150S**
2	63.5 (2.50)	60.5 (2.38)	67.6 (149.00)	**6200S**
2 - 1/2	94.0 (3.70)	74.4 (2.93)	108.9 (240.00)	**6250S**
3	110.7 (4.36)	90.4 (3.56)	158.8 (350.00)	**6300S**
3 - 1/2	124.2 (4.89)	103.1 (4.06)	215.5 (475.00)	**6350S**
4	130.8 (5.15)	115.8 (4.56)	272.2 (600.00)	**6400S**

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ETP™ 4000US Series Steel EMT Set Screw Connectors

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceways to boxes and enclosures.

Features

- Made in the U.S.A.
- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Three-way combination screws 1/2" thru 2".
- Hexhead screw 2-1/2" thru 4".
- Insulated throat connector rated +90 °C (+194 °F).



4050US – 4200US



4250US – 4400US

Materials/Finish

- 1/2” thru 2”: steel/zinc plated
- 2-1/2” thru 4”: malleable iron/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 -2) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 -2) E-14895
- NEMA: FB-1

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Thread Length**	**Catalog Number**	**Insulated Throat Catalog Number**
1/2	29.5 (1.16)	25.4 (1.00)	9.7 (0.38)	**4050US**	**4050UST**
3/4	31.0 (1.22)	31.0 (1.22)	10.4 (0.41)	**4075US**	**4075UST**
1	38.1 (1.50)	38.1 (1.50)	11.2 (0.44)	**4100US**	**4100UST**
1-1/4	42.9 (1.69)	48.5 (1.91)	12.7 (0.50)	**4125US**	**4125UST**
1-1/2	48.5 (1.91)	54.9 (2.16)	13.5 (0.53)	**4150US**	**4150UST**
2	50.8 (2.00)	67.9 (2.66)	15.0 (0.59)	**4200US**	**4200UST**
2 - 1/2	66.8 (2.63)	95.3 (3.75)	31.8 (1.25)	**4250US**	**4250UST**
3	77.7 (3.06)	115.8 (4.56)	35.1 (1.38)	**4300US**	**4300UST**
3 - 1/2	77.7 (3.06)	144.5 (5.69)	35.8 (1.41)	**4350US**	**4350UST**
4	84.8 (3.34)	145.3 (5.72)	38.1 (1.50)	**4400US**	**4400UST**

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ETP™ 5000US Steel EMT Set Screw Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway sections together.

Features

- Made in the U.S.A.
- Heavy steel walls.
- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Three-way combination screws 1/2" thru 2".
- Hexhead screws 2-1/2" thru 4".

Materials/Finish

- 1/2" thru 2": steel/zinc plated
- 2-1/2" thru 4": malleable iron/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 2) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 - 2) E14815
- NEMA: FB-1



5050US — 5100US



5125US — 5400US

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Catalog Number**
1/2	38.1 (1.50)	22.4 (0.88)	**5050US**
3/4	38.1 (1.50)	28.7 (1.13)	**5075US**
1	47.8 (1.88)	35.8 (1.41)	**5100US**
1-1/4	55.6 (2.19)	44.5 (1.75)	**5125US**
1-1/2	65.8 (2.59)	51.6 (2.03)	**5150US**
2	68.3 (2.69)	63.5 (2.50)	**5200US**
2 - 1/2	69.9 (2.75)	00.1 (3.94)	**5250US**
3	79.5 (3.13)	15.8 (4.56)	**5300US**
3 - 1/2	80.3 (3.16)	28.5 (5.06)	**5350US**
4	85.9 (3.38)	45.3 (5.72)	**5400US**

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ETP™ 7000US Series Steel EMT Compression Connectors

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceways to boxes and enclosures.

Features

- Made in the U.S.A.
- Male hub threads — NPS.
- Available with insulated throat.
- Concretetight.
- Insulated throat temperature rated +90 °C (+194 °F).

Materials/Finish

- 1/2" thru 2": steel/zinc plated
- 2-1/2" thru 4": malleable iron/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895, E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14815
- CSA Certified: 028507
- NEMA: FB-1



7050US –7200US



7250US –7400US

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Thread Length**	**Catalog Number**	**Insulated Throat Catalog Number**
1/2	26.9 (1.06)	24.6 (0.97)	9.7 (0.38)	**7050US**	**7050UST**
3/4	28.7 (1.13)	31.0 (1.22)	10.4 (0.41)	**7075US**	**7075UST**
1	31.8 (1.25)	38.1 (1.50)	11.2 (0.44)	**7100US**	**7100UST**
1-1/4	36.6 (1.44)	48.5 (1.91)	12.7 (0.50)	**7125US**	**7125UST**
1-1/2	39.6 (1.56)	54.9 (2.16)	13.5 (0.53)	**7150US**	**7150UST**
2	42.9 (1.69)	68.3 (2.69)	15.0 (0.59)	**7200US**	**7200UST**
2 - 1/2	103.1 (4.06)	104.9 (4.13)	31.8 (1.25)	**7250US**	**7250UST**
3	104.9 (4.13)	119.1 (4.69)	35.1 (1.38)	**7300US**	**7300UST**
3 - 1/2	108.0 (4.25)	135.6 (5.34)	35.8 (1.41)	**7350US**	**7350UST**
4	114.3 (4.50)	149.4 (5.88)	38.1 (1.50)	**7400US**	**7400UST**

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ETP™ 6000US Steel EMT Compression Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway sections together.

Features

- Made in the U.S.A.
- Concretetight.
- Raintight (wet locations) Canada.

Materials/Finish

- 1/2" thru 2": steel/zinc plated
- 2-1/2" thru 4": malleable iron/zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: (1/2 - 3) E14815
- CSA Standard: C22.2 No. 18.3
- cUL Listed: (1/2 - 3) E14815
- NEMA: FB-1



6050S — 6200US



6250US — 6400US

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Catalog Number**
1/2	34.0 (1.34)	0.97 (24.6)	**6050US**
3/4	34.0 (1.34)	31.0 (1.22)	**6075US**
1	35.8 (1.41)	38.1 (1.50)	**6100US**
1-1/4	44.5 (1.75)	48.5 (1.91)	**6125US**
1-1/2	47.8 (1.88)	54.9 (2.16)	**6150US**
2	54.1 (2.13)	68.3 (2.69)	**6200US**
2 - 1/2	139.7 (5.50)	104.9 (4.13)	**6250US**
3	139.7 (5.50)	119.1 (4.69)	**6300US**
3 - 1/2	143.0 (5.63)	135.6 (5.34)	**6350US**
4	146.1 (5.75)	149.4 (5.88)	**6400US**

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ETP™ Raintight 7000GSR Series Gland Compression Connectors

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway to boxes and enclosures in wet conditions.

Features

- UL Listed Raintight.
- Green compression nut identifies the fitting as raintight.
- No disassembly required.
- Male hub threads — NPS.
- Available with and without insulated throat.
- Concretetight.

Materials/Finish

- Body and nut: steel
- Knockout sealing ring: EPDM rubber
- Body and nut: zinc electroplate

NEC Certifications and Compliances

- UL Standard: 514B
- cULus Listed: E-14895
- cULus Listed Raintight



7100GSR



7100GSRT

Dimensions in Millimeters (Inches)					Catalog Number	
Trade Size (Inches)	Body Length	Maximum Diameter	Thread Length	Weight per 100 kg (lb)	Without Instulated Throat	Insulated Throat
1/2	36.6 (1.44)	27.9 (1.10)	8.6 (0.34)	4.5 (10)	**7050GSR**	**7050GSRT**
3/4	38.1 (1.50)	34.5 (1.36)	8.6 (0.34)	6.8 (15)	**7075GSR**	**7075GSRT**
1	44.5 (1.75)	34.5 (1.36)	9.9 (0.39)	10.0 (22)	**7100GSR**	**7100GSRT**
1-1/4	50.8 (2.00)	52.6 (2.07)	10.2 (0.40)	16.3 (36)	**7125GSR**	**7125GSRT**
1-1/2	50.8 (2.00)	58.7 (2.31)	10.2 (0.40)	18.1 (40)	**7150GSR**	**7150GSRT**
2	58.9 (2.32)	70.9 (2.79)	10.4 (0.41)	24.5 (54)	**7200GSR**	**7200GSRT**
2-1/2	91.9 (3.62)	92.2 (3.63)	16.5 (0.65)	68.0 (150)	**7250GSR**	**7250GSRT**
3	95.3 (3.75)	109.0 (4.29)	16.5 (0.65)	83.9 (185)	**7300GSR**	**7300GSRT**
3-1/2	97.8 (3.85)	121.9 (4.80)	18.3 (0.72)	97.5 (215)	**7350GSR**	**7350GSRT**
4	99.1 (3.90)	133.9 (5.27)	18.3 (0.72)	108.0 (238)	**7400GSR**	**7400GSRT**

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ETP™ Raintight 6000GSR Series Gland Compression Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- To ground and secure EMT raceway sections together in wet locations.

Features

- UL Listed Raintight.
- Green compression nut identifies the fitting as raintight.
- No disassembly required.
- Concretetight.

Materials/Finish

- Body and nut: steel
- Zinc electroplated

NEC Certifications and Compliances

- UL Standard: 514B
- cULus Listed: E-14895
- cULus Listed Raintight



6050GSR – 6400GSR

Dimensions in Millimeters (Inches)				
Trade Size (Inches)	**Body Length**	**Maximum Diameter**	**Weight per 100 kg (lb)**	**Catalog Number**
1/2	45.7 (1.80)	27.9 (1.10)	5.4 (12)	**6050GSR**
3/4	49.0 (1.93)	34.5 (1.36)	8.2 (18)	**6075GSR**
1	54.6 (2.15)	41.4 (1.63)	11.8 (26)	**6100GSR**
1-1/4	61.7 (2.43)	52.6 (2.07)	19.1 (42)	**6125GSR**
1-1/2	63.5 (2.50)	59.0 (2.31)	20.9 (46)	**6150GSR**
2	74.9 (2.95)	71.0 (2.79)	27.2 (60)	**6200GSR**
2-1/2	104.1 (4.10)	92.2 (3.63)	70.8 (156)	**6250GSR**
3	121.2 (4.77)	109.0 (4.29)	98.9 (218)	**6300GSR**
3-1/2	130.8 (5.15)	121.9 (4.80)	117.0 (258)	**6350GSR**
4	141.0 (5.55)	134.0 (5.27)	130.6 (288)	**6400GSR**

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EMT Transition Couplings

Combination, Straight, 90°

NEC:
Listed for Ordinary Locations

Application

- Couplings are used to join lengths of steel EMT to various raceway systems.
- Connectors are used to secure and terminate steel EMT to knockouts and concrete tight box.

Features

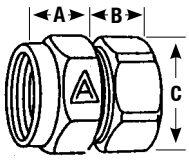
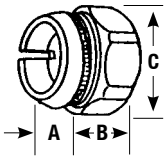
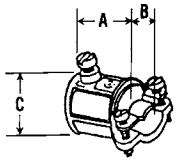
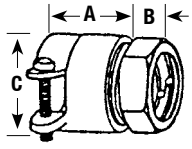
- Compact design.
- No locknut required on the two piece connectors.
- Quick installations.

Material/Finish

- Steel/malleable iron - Zinc electroplated
- Zinc diecast - natural finish

NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895 (TWLL), E-14814 (TWCC)
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number	
Combination Couplings — EMT to Rigid Metal Conduit — Steel							
	1/2	17.5 (0.69)	12.7 (0.50)	25.4 (1.00)	4.54 (10.00)	**TWR-50**	
	3/4	17.5 (0.69)	13.5 (0.53)	32.5 (1.28)	6.80 (15.00)	**TWR-75**	
	1	22.4 (0.88)	13.5 (0.53)	40.4 (1.59)	7.71 (17.00)	**TWR-100**	
	1-1/4	24.6 (0.97)	21.3 (0.84)	49.3 (1.94)	18.14 (40.00)	**TWR-125**	
Connectors — Two Piece — Concrete Tight — Steel							
	1/2	7.9 (0.31)	8.6 (0.34)	26.9 (1.06)	2.72 (6.00)	**92T050**	
	3/4	7.9 (0.31)	11.2 (0.44)	32.5 (1.28)	3.99 (8.80)	**92T075**	
	1	8.6 (0.34)	10.4 (0.41)	41.4 (1.63)	5.90 (13.00)	**92T100**	
Combination Coupling — EMT to Flexible Metal Conduit — Zinc Diecast							
	1/2	32.5 (1.28)	31.8 (1.25)	23.9 (0.94)	3.40 (7.50)	**TW38-50DC** ①	
Combination Coupling — EMT to Flexible Metal Conduit — Malleable Body/Nut							
	1/2	21.3 (0.84)	16.0 (0.63)	26.9 (1.06)	5.44 (12.00)	**TWCC38-50** ①	
	1/2	22.4 (0.88)	16.0 (0.63)	26.9 (1.06)	6.58 (14.50)	**TWCC-50**	
	3/4	26.9 (1.06)	16.8 (0.66)	33.3 (1.31)	11.34 (25.00)	**TWCC-75**	
	1	30.2 (1.19)	21.3 (0.84)	47.8 (1.88)	27.67 (61.00)	**TWCC-100**	

① *Not UL Listed.*

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EMT Transition Couplings

Combination, Straight, 90°

NEC:
Listed for Ordinary Locations

NEC:
Listed for Ordinary Locations

Type ETR

Features

- Threaded RMC and IMC to compression EMT
- Concretetight
- NPT female hub

Standard Materials

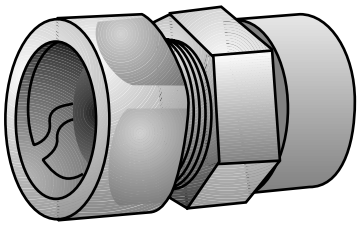
- Malleable iron

Standard Finishes

- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853



Trade Size (Inches)	Dimensions in Millimeters (Inches) Length	Max. Dia.	Catalog Number
1/2	35.10 (1.38)	28.70 (1.13)	**ETR-50**
3/4	23.90 (0.94)	35.10 (1.38)	**ETR-75**
1	38.10 (1.50)	44.50 (1.75)	**ETR-100**
1-1/4	47.80 (1.88)	60.50 (2.38)	**ETR-125**
1-1/2	47.80 (1.88)	63.50 (2.50)	**ETR-150**
2	58.70 (2.31)	76.20 (3.00)	**ETR-200**

Type ESR

Features

- Threaded RMC and IMC to Flexible Metal Conduit
- NPT female hub

Standard Materials

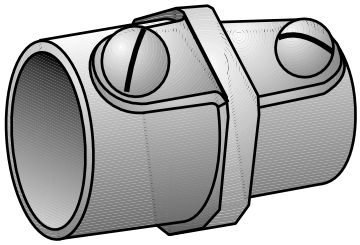
- Malleable iron

Standard Finishes

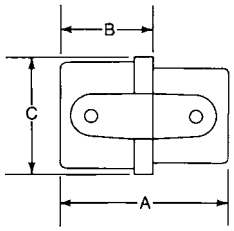
- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	42.93 (1.69)	33.27 (1.31)	31.75 (1.25)	**ESR-50**
3/4	52.32 (2.06)	28.70 (1.13)	38.10 (1.50)	**ESR-75**
1	63.50 (2.50)	35.05 (1.38)	45.90 (1.81)	**ESR-100**

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EMT Angle Set Screw Connectors

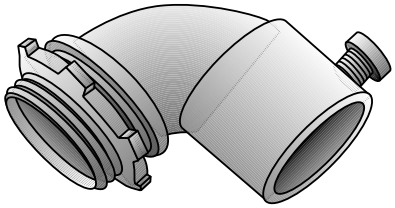
NEC/CEC:
Rated for Ordinary Locations

Type 8000SS

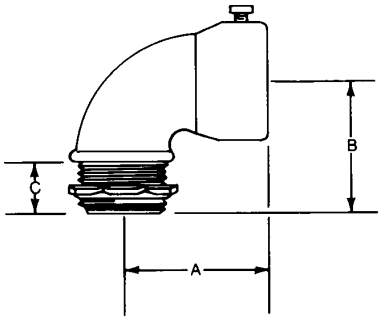
Features
- Male hub threads NPS.

Standard Materials
- Malleable iron

Standard Finishes
- Zinc plated



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	28.70 (1.13)	28.70 (1.13)	12.70 (0.5)	**8050SS**
3/4	36.58 (1.44)	36.58 (1.44)	11.18 (0.44)	**8075SS**
1	41.40 (1.63)	41.40 (1.63)	11.18 (0.44)	**8100SS**

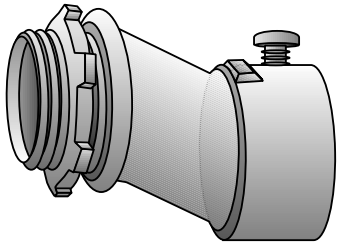
NEC/CEC:
Rated for Ordinary Locations

Type OE

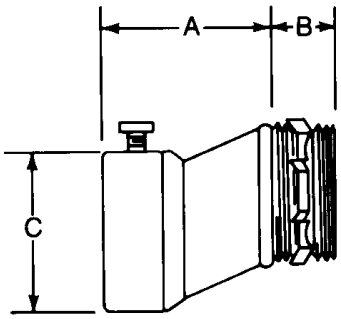
Features
- Male hub threads NPS.

Standard Materials
- Malleable iron

Standard Finishes
- Zinc plated



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	42.93 (1.69)	12.70 (0.5)	16.00 (0.63)	**OE-50**
3/4	42.93 (1.69)	12.70 (0.5)	16.00 (0.63)	**OE-75**
1	44.45 (1.75)	14.22 (0.56)	17.53 (0.69)	**OE-100**

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EMT Angle Compression Connectors

NEC/CEC:
Listed for Ordinary Locations

Features

- Concretetight.
- Male hub threads NPS
- Available with insulated throat

Standard Materials

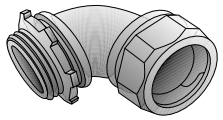
- Malleable iron

Standard Finishes

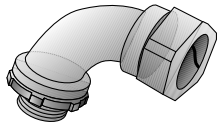
- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14895
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795

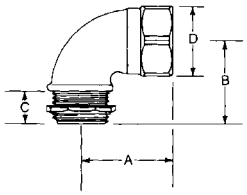


Type 8050W

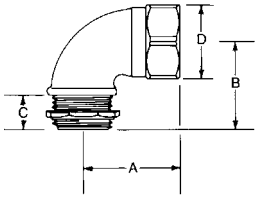


Type 3050W

90° EMT Short Angle Elbows	Dimensions in Millimeters (Inches)						
Trade Size (Inches)	A	B	C	D	Turning Radius	Catalog Number	Insulated Throat Catalog Number
1/2	31.75 (1.25)	28.70 (1.13)	12.70 (0.5)	28.70 (1.13)	16.00 (0.63)	**8050W**	**8050WT**
3/4	44.45 (1.75)	36.58 (1.44)	14.22 (0.56)	35.05 (1.38)	17.53 (0.69)	**8075W**	**8075WT**
1	44.45 (1.75)	41.40 (1.63)	12.70 (0.50)	44.45 (1.75)	26.92 (1.06)	**8100W**	—
1-1/4	57.15 (2.25)	54.10 (2.13)	14.22 (0.56)	55.63 (2.19)	28.70 (1.13)	**8125W**	—
1-1/2	63.50 (2.50)	60.45 (2.38)	14.22 (0.56)	63.50 (2.50)	41.40 (1.63)	**8150W**	—
2	77.72 (3.06)	74.68 (2.94)	17.53 (0.69)	77.72 (3.06)	63.50 (2.50)	**8200W**	—



90° EMT Short Angle Elbows	Dimensions in Millimeters (Inches)					
Trade Size (Inches)	A	B	C	D	Wire Radius	Catalog Number
1/2	50.80 (2.00)	49.28 (1.94)	12.70 (0.50)	28.70 (1.13)	31.75 (1.25)	**3050W**
3/4	61.98 (2.44)	61.98 (2.44)	16.00 (0.63)	35.05 (1.38)	36.58 (1.44)	**3075W**
1	66.80 (2.63)	65.02 (2.56)	17.53 (0.69)	44.45 (1.75)	47.75 (1.88)	**3100W**
1-1/4	77.72 (3.06)	76.20 (3.00)	42.93 (1.69)	55.63 (2.19)	57.15 (2.25)	**3125W**



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EMT Angle Compression Connectors

NEC/CEC:
Rated for Ordinary Locations

Features

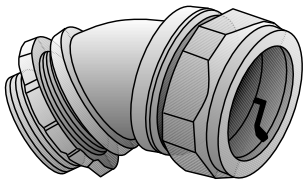
- Male hub threads NPS.

Standard Materials

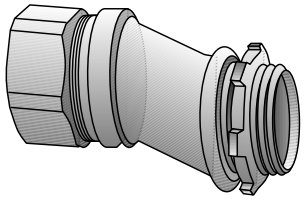
- Malleable iron

Standard Finishes

- Zinc plated

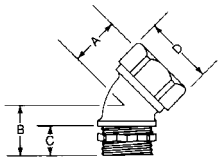


Type 8E

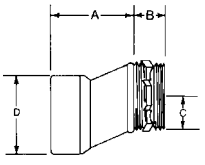


Type OEG

Trade Size (Inches)	A	B	Offset C	D	Catalog Number
		Dimensions in Millimeters (Inches)			
45° Short Angle Elbows					
1/2	23.88 (0.94)	23.88 (0.94)	12.70 (0.5)	28.70 (1.13)	**8E-450**
3/4	20.57 (0.81)	31.75 (1.25)	14.22 (0.56)	35.05 (1.38)	**8E-475**
1	22.35 (0.88)	36.58 (1.44)	16.00 (0.63)	44.45 (1.75)	**8E-4100**



Trade Size (Inches)	A	B	Offset C	D	Catalog Number
		Dimensions in Millimeters (Inches)			
Offset Connectors for EMT					
1/2	31.75 (1.25)	12.70 (0.50)	9.65 (0.38)	28.70 (1.13)	**OEG-50**
3/4	33.27 (1.31)	12.70 (0.50)	9.65 (0.38)	35.05 (1.38)	**OEG-75**
1	33.27 (1.31)	14.22 (0.56)	9.65 (0.38)	44.45 (1.75)	**OEG-100**



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EMT Angle Compression Connectors

NEC/CEC:
Rated for Ordinary Locations

Application

- Connectors are used to secure and terminate steel EMT to knockouts and concrete tight box.

Features

- Compact design.
- Quick installations.

Material/Finish

- Steel/malleable iron - Zinc electroplated

NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-14895
- NEMA: FB-1

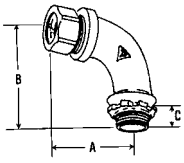


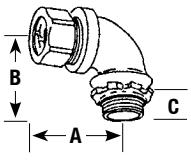
Type TWLL



Type TWL

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
Gland Compression 90° Long Connectors — Concrete Tight — Malleable/Steel Nut					
1/2	47.8 (1.88)	52.3 (2.06)	15.0 (0.59)	14.51 (32.00)	**TWLL-50L**
3/4	55.6 (2.19)	62.0 (2.44)	11.2 (0.44)	22.68 (50.00)	**TWLL-75L**
1	65.8 (2.59)	76.2 (3.00)	11.2 (0.44)	47.63 (105.00)	**TWLL-100L**
1-1/4	71.4 (2.81)	84.1 (3.31)	14.2 (0.56)	61.69 (136.00)	**TWLL-125L**
Gland Compression 90° Short Connectors — Concrete Tight — Malleable/Steel Nut					
1/2	31.0 (1.22)	33.3 (1.31)	10.4 (0.41)	9.07 (20.00)	**TWL-50L**
3/4	33.3 (1.31)	36.6 (1.44)	11.2 (0.44)	13.61 (30.00)	**TWL-75L**
1	41.4 (1.63)	39.6 (1.56)	11.2 (0.44)	24.04 (53.00)	**TWL-100L**





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EMT Combination Couplings

NEC/CEC:
Listed for Ordinary Locations

Application

- For compression EMT to flexible steel conduit.

Standard Materials

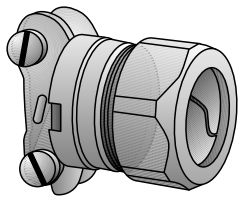
- Malleable iron

Standard Finishes

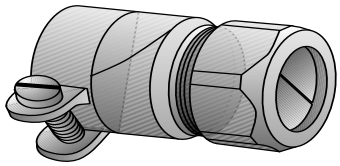
- Zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795
- NEMA: FB-1

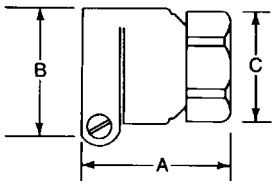


Type 9038–W



Type 9050–W — Type 9200–W

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	CatalogNumber
1/2 3/8	30.23 (1.19)	36.58 (1.44)	28.70 (1.13)	**9038-W** ①
1/2	41.40 (1.63)	38.10 (1.50)	31.75 (1.25)	**9050-W**
3/4	49.28 (1.94)	44.45 (1.75)	38.10 (1.50)	**9075-W**
1	50.80 (2.00)	55.63 (2.19)	47.75 (1.88)	**9100-W**
1-1/4	55.63 (2.19)	61.98 (2.44)	57.15 (2.25)	**9125-W**
1-1/2	74.68 (2.94)	69.85 (2.75)	63.50 (2.50)	**9150-W**
2	82.55 (3.25)	88.90 (3.50)	77.72 (3.06)	**9200-W**



① *Not UL Listed.*

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NEER™ Zinc Gland Compression Connectors and Couplings

For EMT.

NEC/CEC:
Listed for Ordinary Locations

TC-600: Couplings

Application

- To join lengths of steel EMT for concretetight, dry or damp location applications.

Features

- Concretetight.
- Raintight (wet locations) Canada.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC–611

Dimensions in Millimeters (Inches)			
Trade Size (Inches)	Body Length	Maximum Diameter	Catalog Number
1/2	43.2 (1.70)	24.9 (0.98)	**TC-611**
3/4	45.2 (1.78)	30.7 (1.21)	**TC-612**
1	46.2 (1.82)	38.6 (1.52)	**TC-613**
1-1/4	53.8 (2.12)	46.5 (1.83)	**TC-614**
1-1/2	59.7 (2.35)	54.1 (2.13)	**TC-615**
2	62.7 (2.47)	64.8 (2.55)	**TC-616**
2 - 1/2 ①	83.3 (3.28)	83.8 (3.30)	**TC-617** ①
3 ①	85.1 (3.35)	100.1 (3.94)	**TC-618** ①
3 - 1/2 ①	89.9 (3.54)	126.2 (4.97)	**TC-619** ①
4	89.9 (3.54)	126.2 (4.97)	**TC-620** ①

① *For EMT and threadless rigid metal conduit and IMC.*

NEC/CEC:
Listed for Ordinary Locations

TC-600: Connectors

Application

- To secure and terminate steel EMT to knockouts in concretetight box, dry or damp location applications.

Features

- Male hub threads — NPS.
- Concretetight.
- Available with insulated throat.
- Furnished with locknut.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC–601

Dimensions in Millimeters (Inches)					
Trade Size (Inches)	Body Length	Maximum Diameter	Thread Length	Catalog Number	Insulated Throat Catalog Number
1/2	32.0 (1.26)	10.2 (0.40)	24.9 (0.98)	**TC-601**	**TCI-601**
3/4	32.8 (1.29)	10.2 (0.40)	30.7 (1.21)	**TC-602**	**TCI-602**
1	36.6 (1.44)	10.9 (0.43)	38.6 (1.52)	**TC-603**	**TCI-603**
1-1/4	44.2 (1.74)	16.0 (0.63)	46.5 (1.83)	**TC-604**	**TCI-604**
1-1/2	47.2 (1.86)	16.5 (0.65)	54.1 (2.13)	**TC-605**	**TCI-605**
2	54.6 (2.15)	18.5 (0.73)	64.8 (2.55)	**TC-606**	**TCI-606**
2 - 1/2	66.5 (2.62)	23.1 (0.91)	83.8 (3.30)	**TC-607** ①	**TCI-607** ①
3	68.3 (2.69)	24.4 (0.96)	100.1 (3.94)	**TC-608** ①	**TCI-608** ①
3 - 1/2	72.1 (2.84)	24.4 (0.96)	126.2 (4.97)	**TC-609** ①	**TCI-609** ①
4	72.1 (2.84)	24.4 (0.96)	126.2 (4.97)	**TC-610** ①	**TCI-610** ①

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NEER™ Zinc Set Screw Connectors and Couplings

NEC/CEC:
Listed for Ordinary Locations

TC-500: Couplings

Application

- To join lengths of steel EMT for concretetight or dry location applications.

Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC–511

Trade Size (Inches)	Dimensions in Millimeters (Inches) Body Length	Maximum Diameter	Weight per 100 kg (lb)	Catalog Number
1/2	38.1 (1.50)	26.7 (1.05)	8.62 (19.00)	**TC-511**
3/4	47.8 (1.88)	31.5 (1.24)	11.34 (25.00)	**TC-512**
1	50.8 (2.00)	38.9 (1.53)	17.69 (39.00)	**TC-513**
1-1/4	63.5 (2.50)	50.3 (1.98)	39.92 (88.00)	**TC-514**
1-1/2	72.9 (2.87)	55.9 (2.20)	47.17 (104.00)	**TC-515**
2	87.4 (3.44)	68.3 (2.69)	67.59 (149.00)	**TC-516**
2 - 1/2	101.9 (4.01)	84.6 (3.33)	108.86 (240.00)	**TC-517** ①
3	113.8 (4.48)	101.1 (3.98)	158.76 (350.00)	**TC-518** ①
3 - 1/2	125.2 (4.93)	113.8 (4.48)	215.46 (475.00)	**TC-519** ①
4	132.8 (5.23)	126.5 (4.98)	272.16 (600.00)	**TC-520** ①

① For EMT and threadless rigid metal conduit and IMC.
Note:
- *TC-511, 512 and 513 are single set screw each end. TC-514, 515, 516, 517, 518, 519 and 520 are double set screw each end.*

NEC/CEC:
Listed for Ordinary Locations

TC-500: Connectors

Application

- To secure and terminate steel EMT to knockouts in concretetight box or dry location applications.

Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Furnished with locknut.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC–501

Trade Size (Inches)	Dimensions in Millimeters (Inches) Body Length	Maximum Diameter	Thread Length	Catalog Number	Insulated Throat Catalog Number
1/2	29.2 (1.15)	10.2 (0.40)	26.7 (1.05)	**TC-501**	**TCI-501**
3/4	35.8 (1.41)	11.7 (0.46)	32.8 (1.29)	**TC-502**	**TCI-502**
1	39.6 (1.56)	13.5 (0.53)	38.4 (1.51)	**TC-503**	**TCI-503**
1-1/4	50.0 (1.97)	15.7 (0.62)	50.3 (1.98)	**TC-504**	**TCI-504**
1-1/2	56.1 (2.21)	18.5 (0.73)	55.9 (2.20)	**TC-505**	**TCI-505**
2	63.8 (2.51)	19.3 (0.76)	68.3 (2.69)	**TC-506**	**TCI-506**
2 - 1/2	78.7 (3.10)	26.4 (1.04)	84.6 (3.33)	**TC-507** ①	**TCI-507** ①
3	86.1 (3.39)	26.9 (1.06)	101.1 (3.98)	**TC-508** ①	**TCI-508** ①
3 - 1/2	90.4 (3.56)	26.9 (1.06)	113.8 (4.48)	**TC-509** ①	**TCI-509** ①
4	96.0 (3.78)	28.2 (1.11)	126.5 (4.98)	**TC-510** ①	**TCI-510** ①

Note:
- *TC-501, 502 and 503 are single set screw. TC-504, 505, 506, 507, 508, 509 and 510 are double set screw. TCI-501, 502, and 503 are single set screw. TCI-504, 505, 506, 507, 508, 509 and 510 are double set screw.*

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NEER™ Zinc Combination Couplings

For EMT.

NEC/CEC:
Listed for Ordinary Locations

EGC: Screw-In Compression

Application

- A combination coupling to provide a transition from EMT to flexible metal conduit.

Material/Finish

- Zinc diecast

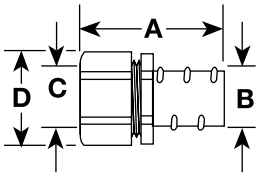
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



EGC–50

Illustrated Dimensions



Trade Size (Inches) EMT to Flex.	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2 to 1/2	42.2 (1.66)	18.0 (0.71)	18.3 (0.72)	25.4 (1.00)	**EGC-50**
3/4 to 3/4	42.7 (1.68)	23.4 (0.92)	23.4 (0.92)	30.0 (1.18)	**EGC-75**

NEC/CEC:
Listed for Ordinary Locations

EFC: EMT to Set Screw

Application

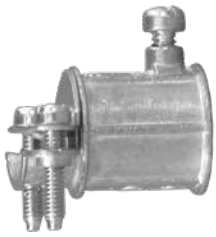
- EFC-50
  - — A combination coupling to provide a transition from EMT to 12/2 NM cable. Not for use with flexible metal conduit.
- EFC-75 and EFC-100
  - — A combination coupling to provide a transition from EMT to flexible metal conduit.

Material/Finish

- Zinc diecast

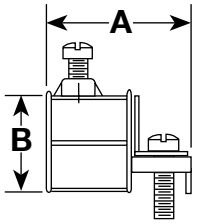
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

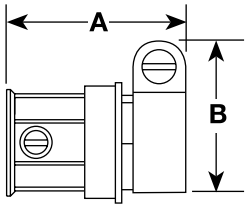


EFC–50

Illustrated Dimensions



EFC–50



EFC–75 and EFC–100

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	33.8 (1.33)	23.6 (0.93)	**EFC-50** ①
1/2 to 1/2	41.1 (1.62)	34.3 (1.35)	**EFC-75**
3/4 to 3/4	49.8 (1.96)	40.6 (1.60)	**EFC-100**

① *EMT to 12/2 non-metallic sheathed cable.*

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NEER™ Zinc 90° Gland Compression Connectors

For EMT.

NEC/CEC:
Listed for Ordinary Locations

Application

- Compression type 90° EMT connectors used to terminate EMT to an unthreaded box or enclosure.

Features

- Concretetight.
- Furnished with locknut.
- Raintight (wet locations) Canada.

Material/Finish

- Zinc diecast

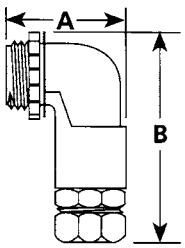
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TWL–50

Illustrated Dimensions



Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**A**	**B**	**Catalog Number**
1/2	46.7 (1.84)	58.9 (2.32)	**TWL-50**
3/4	52.6 (2.07)	66.5 (2.62)	**TWL-75**

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NEER™ Zinc 90° Corner Pulling Elbows

For EMT.

NEC/CEC:
Rated for Ordinary Locations

THL: 90° Female/Female

Application

- 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of EMT. The removable cover gives ample access so that wire pulling can be achieved without any obstructions.

Material/Finish

- Zinc diecast

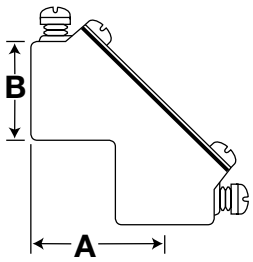
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



THL–500

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	33.3 (1.31)	23.6 (0.93)	**THL-500**
1/2	33.3 (1.31)	23.6 (0.93)	**THL-500G** ①
3/4	35.6 (1.40)	30.0 (1.18)	**THL-750**
3/4	35.6 (1.40)	30.0 (1.18)	**THL-750G** ①

① *Provided with neoprene gasket.*

CPL: 90° Set Screw

Application

- 90° corner pulling elbows are used to facilitate pulling conductors through a sharp bend in a run of EMT. These products are used where it is essential to make tight turns within limited space.

Material/Finish

- Zinc diecast

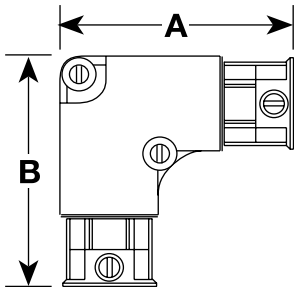
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- CSA Standard: C22.2 No. 18.3
- NEMA: FB-1



CPL–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	58.4 (2.30)	58.4 (2.30)	**CPL-50**
3/4	66.3 (2.61)	66.3 (2.61)	**CPL-75**

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NEER™ Zinc Set Screw Offset Nipples

For EMT.

NEC/CEC:
Listed for Ordinary Locations

Application

- Set screw type offset connectors are used to make a slight adjustment in terminating the end of a run of EMT to an enclosure or box.

Features

- Male hub threads — NPS.
- Concretetight when taped.
- Furnished with locknut.

Material/Finish

- Zinc diecast

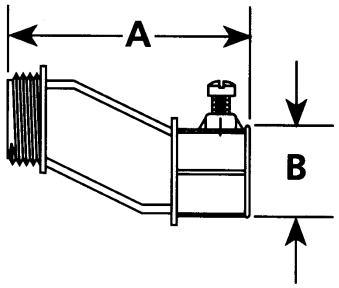
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TN–50

Illustrated Dimensions



Dimensions in Millimeters (Inches)			
Trade Size (Inches)	**A**	**B**	**Catalog Number**
1/2	53.3 (2.10)	23.6 (0.93)	**TN-50**

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EMT Clamps and Straps

NEC/CEC:
Rated for Ordinary Locations

Application

- Clamps and straps are used to secure oval/round cables or support runs of rigid metal conduit, IMC and EMT.

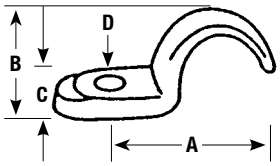
Features

- Malleable iron clamps are exceptionally rugged and strong.
- Steel clamps and adapters offer economy and have integral formed gussets for excellent strength.

Material

- Steel or malleable iron

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Weight per 100 kg (lb)	Catalog Number
Clamps — EMT — Malleable							
	1/2	26.90 (1.06)	22.40 (0.88)	16.00 (0.63)	6.40 (0.25)	2.27 (5.00)	**TWCL-50MN**
	3/4	30.20 (1.19)	26.90 (1.06)	19.10 (0.75)	6.40 (0.25)	2.72 (6.00)	**TWCL-75MN**
	1	35.10 (1.38)	35.10 (1.38)	20.60 (0.81)	6.40 (0.25)	4.54 (10.00)	**TWCL-100MN**
	1-1/4	41.40 (1.63)	44.50 (1.75)	22.40 (0.88)	9.70 (0.38)	5.90 (13.00)	**TWCL-125MN**
	1-1/2	46.00 (1.81)	49.30 (1.94)	23.90 (0.94)	9.70 (0.38)	6.80 (15.00)	**TWCL-150MN**
	2	58.70 (2.31)	63.50 (2.50)	26.90 (1.06)	12.70 (0.50)	9.07 (20.00)	**TWCL-200MN**



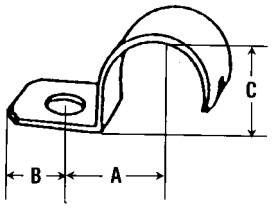
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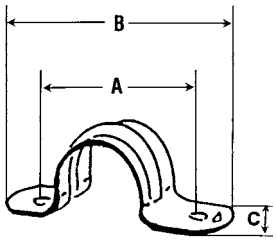
EMERSON

EMT Clamps and Straps

NEC/CEC:
Rated for Ordinary Locations

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
No-Thread to Threaded Fittings — Conversion Adapters — Steel						
	1/2	23.9 (0.94)	11.9 (0.47)	17.5 (0.69)	1.54 (3.40)	**TWCL-50**
	3/4	26.2 (1.03)	13.5 (0.53)	23.1 (0.91)	2.09 (4.60)	**TWCL-75**
	1	29.5 (1.16)	11.2 (0.44)	28.7 (1.13)	2.95 (6.50)	**TWCL-100**
	1-1/4	4.0 (1.34)	12.7 (0.50)	54.1 (2.13)	4.54 (10.00)	**TWCL-125**
	1-1/2	42.9 (1.69)	15 (0.59)	79.5 (3.13)	8.62 (19.00)	**TWCL-150**
	2	46.7 (1.84)	16 (0.63)	104.9 (4.13)	11.34 (25.00)	**TWCL-200**
Clamps — EMT — Malleable						
	1/2	38.1 (1.50)	51.6 (2.03)	16.0 (0.63)	0.45 (1.00)	**TW2500**
	3/4	44.5 (1.75)	61.2 (2.41)	16.0 (0.63)	0.73 (1.60)	**TW2750**
	1	53.1 (2.09)	71.4 (2.81)	16.0 (0.63)	0.91 (2.00)	**TW2100**
	1-1/4	65.8 (2.59)	84.1 (3.31)	19.1 (0.75)	1.81 (4.00)	**TW2125**
	1-1/2	68.3 (2.69)	87.4 (3.44)	19.1 (0.75)	1.81 (4.00)	**TW2150**
	2	88.9 (3.50)	120.7 (4.75)	23.9 (0.94)	2.13 (4.70)	**TW2200**





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EMT Straps

CEC:
Rated for Ordinary Locations

Features

- Snap type-double ribbed.

Standard Materials

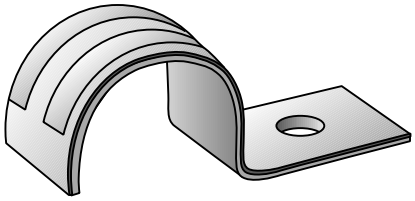
- Steel

Standard Finishes

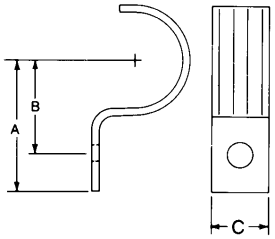
- Zinc plated

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Type 15

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Bolt Size	Catalog Number
One Hole						
	1/2	31.75 (1.25)	22.35 (0.88)	14.22 (0.56)	6.35 (0.25)	**15-50S**
	3/4	35.05 (1.38)	26.92 (1.06)	16.00 (0.63)	6.35 (0.25)	**15-75S**
	1	41.40 (1.63)	31.75 (1.25)	19.05 (0.75)	6.35 (0.25)	**15-100S**
	1-1/4	50.80 (2.00)	38.10 (1.50)	22.35 (0.88)	7.87 (0.31)	**15-125S**
	1-1/2	54.10 (2.13)	42.93 (1.69)	25.40 (1.00)	9.65 (0.38)	**15-150S**
	2	66.80 (2.63)	50.80 (2.00)	28.70 (1.13)	11.18 (0.44)	**15-200S**
	2-1/2	111.25 (4.38)	66.80 (2.63)	31.75 (1.25)	12.70 (0.50)	**14-250S**
	3	120.65 (4.75)	76.20 (3.00)	31.75 (1.25)	12.70 (0.50)	**14-300S**
	3-1/2	131.83 (5.19)	90.42 (3.56)	38.10 (1.50)	16.00 (0.63)	**14-350S**
	4	138.18 (5.44)	100.08 (3.94)	38.10 (1.50)	16.00 (0.63)	**14-400S**

Type 15

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EMT Malleable Iron Straps and Clamp Backs

CEC:
Rated for Ordinary Locations

Type 15-G

Standard Materials

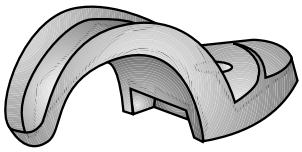
- Malleable iron

Standard Finishes

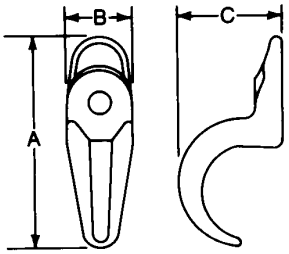
- Hot dip galvanized

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Illustrated Dimensions



CEC:
Rated for Ordinary Locations

Type 141G

Standard Materials

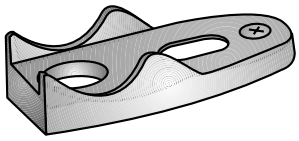
- Malleable iron or cast iron

Standard Finishes

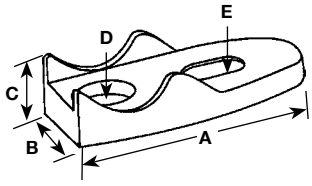
- Mechanically galvanized or hot dip galvanized

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Illustrated Dimensions

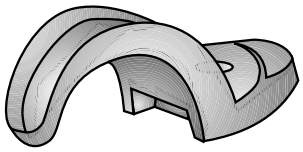


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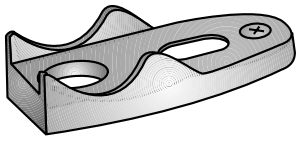
EMT Malleable Iron Straps and Clamp Backs

CEC:
Rated for Ordinary Locations



Type 15–G

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Bolt Size	Catalog Number
1/2	49.28 (1.94)	19.05 (0.75)	22.35 (0.88)	6.35 (0.25)	**15-50G**
3/4	56.39 (2.22)	18.29 (0.72)	28.70 (1.13)	6.35 (0.25)	**15-75G**
1	64.26 (2.53)	19.05 (0.75)	34.04 (1.34)	6.35 (0.25)	**15-100G**
1-1/4	65.79 (2.59)	19.81 (0.78)	34.04 (1.34)	7.87 (0.31)	**15-125G**
1-1/2	82.55 (3.25)	22.35 (0.88)	49.28 (1.94)	9.65 (0.38)	**15-150G**
2	96.01 (3.78)	25.40 (1.00)	61.98 (2.44)	11.18 (0.44)	**15-200G**
2-1/2	150.88 (5.94)	35.05 (1.38)	77.72 (3.06)	12.70 (0.50)	**14-250G** ①
3	188.98 (7.44)	41.40 (1.63)	96.77 (3.81)	12.70 (0.50)	**14-300G** ①
4	220.73 (8.69)	50.80 (2.00)	127.00 (5.00)	16.00 (0.63)	**14-400G** ①



Type 141G

Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	E	Catalog Number
1/2	35.81 (1.41)	26.92 (1.06)	11.18 (0.44)	9.65 (0.38)	9.65 (0.38) x 14.22 (0.56)	**141G**
3/4	63.50 (2.50)	28.7 (1.13)	12.70 (0.50)	9.65 (0.38)	11.18 (0.44) x 14.22 (0.56)	**142G**
1	81.03 (3.19)	30.99 (1.22)	14.22 (0.56)	9.65 (0.38)	11.18 (0.44) x 19.05 (0.75)	**143G**
1-1/4	93.73 (3.69)	35.81 (1.41)	17.78 (0.70)	12.70 (0.50)	12.70 (0.50) x 19.05 (0.75)	**144G**
1-1/2	100.08 (3.94)	39.62 (1.56)	20.57 (0.81)	14.22 (0.56)	13.97 (0.55) x 23.88 (0.94)	**145G**
2	130.30 (5.13)	50.8 (2.00)	19.05 (0.75)	14.22 (0.56)	16.00 (0.63) x 25.4 (1.00)	**146G**
2-1/2	146.05 (5.75)	62.74 (2.47)	19.05 (0.75)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	**147G**
3	181.10 (7.13)	71.37 (2.81)	20.57 (0.81)	11.94 (0.47)	16.00 (0.63) x 28.7 (1.13)	**148G**

① Suitable for use with rigid conduit or IMC.
② Cast Iron.

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NEER™ Conduit Hangers

With Bolts and Nuts

NEC:
Listed for Ordinary Locations

Application

- Secure and suspend rigid conduit, IMC, EMT or PVC conduit from overhead supports.

Features

- Furnished with carriage bolt.

Standard Material/Finish

- Steel/zinc plated

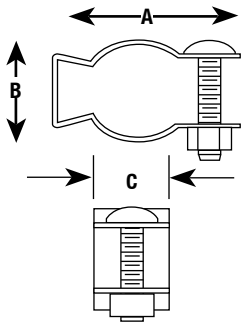
NEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806



CH–050–B

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/8 and 1/2	49.0 (1.93)	23.1 (0.91)	19.1 (0.75)	**CH-050-B**
3/4	54.9 (2.16)	27.9 (1.10)	19.1 (0.75)	**CH-100-B**
1	61.5 (2.42)	34.8 (1.37)	22.4 (0.88)	**CH-200-B**
1-1/4TW	69.1 (2.72)	39.4 (1.55)	22.4 (0.88)	**CH-250-B**
1-1/4HW	72.4 (2.85)	48.3 (1.90)	22.4 (0.88)	**CH-300-B**
1-1/2	80.0 (3.15)	49.0 (1.93)	25.4 (1.00)	**CH-400-B**
2	94.7 (3.73)	68.3 (2.69)	25.7 (1.01)	**CH-500-B**
2-1/2	118.1 (4.65)	85.1 (3.35)	28.7 (1.13)	**CH-600-B**
3	134.6 (5.30)	99.1 (3.90)	30.2 (1.19)	**CH-700-B**
3-1/2	146.1 (5.75)	102.9 (4.05)	31.8 (1.25)	**CH-800-B**
4	162.6 (6.40)	128.3 (5.05)	31.8 (1.25)	**CH-900-B**

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NEER™ Straps

For Rigid Conduit and IMC.

NEC/CEC:
Rated for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

1800: One Hole Click-On

Applications

- Click-on type one hole straps for rigid conduit or IMC.
- Provides support for the conduits, as required by the National Electrical Code.

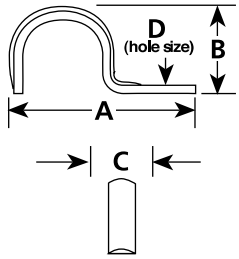
Material/Finish

- Steel/zinc plated



1801

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	47.0 (1.85)	20.3 (0.80)	15.7 (0.62)	6.4 (0.25)	**1801**
3/4	31.0 (1.22)	23.4 (0.92)	19.1 (0.75)	6.4 (0.25)	**1802**
1	67.3 (2.65)	29.2 (1.15)	22.1 (0.87)	7.9 (0.31)	**1803**
1-1/4	75.7 (2.98)	35.8 (1.41)	25.1 (0.99)	9.7 (0.38)	**1804**
1-1/2	89.2 (3.51)	40.9 (1.61)	25.4 (1.00)	11.2 (0.44)	**1805**
2	105.9 (4.17)	50.0 (1.97)	29.0 (1.14)	13.5 (0.53)	**1806**
2 - 1/2	126.7 (4.99)	72.4 (2.85)	31.5 (1.24)	13.5 (0.53)	**1807**
3	141.0 (5.55)	88.1 (3.47)	31.8 (1.25)	13.5 (0.53)	**1808**
3 - 1/2	158.8 (6.25)	104.1 (4.10)	31.8 (1.25)	13.5 (0.53)	**1809**
4	177.8 (7.00)	114.6 (4.51)	32.0 (1.26)	13.5 (0.53)	**1810**

TH-1800: Two Hole Snap-On

Application

- Snap-on type two hole straps for rigid conduit and IMC are used where higher load bearing supports are desired.

Material/Finish

- Steel/zinc plated

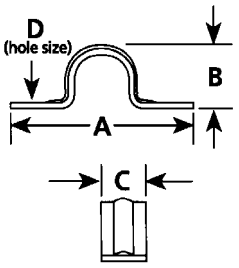
NEC/CEC Certifications and Compliances

- UL Standard: 2239
- UL Listed: E333806
- CSA Standard: C22.2 No. 18.4
- cUL Listed: E333806



TH –1801

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
1/2	62.7 (2.47)	21.8 (0.86)	15.7 (0.62)	4.8 (0.19)	**TH-1801**
3/4	71.6 (2.82)	27.9 (1.10)	17.3 (0.68)	4.8 (0.19)	**TH-1802**
1	85.9 (3.38)	32.3 (1.27)	19.1 (0.75)	6.4 (0.25)	**TH-1803**
1-1/4	101.6 (4.00)	42.7 (1.68)	21.8 (0.86)	6.4 (0.25)	**TH-1804**
1-1/2	107.7 (4.24)	42.4 (1.67)	22.1 (0.87)	6.4 (0.25)	**TH-1805**
2	112.8 (4.44)	50.3 (1.98)	23.9 (0.94)	9.7 (0.38)	**TH-1806**
2 - 1/2	131.8 (5.19)	72.9 (2.87)	24.9 (0.98)	9.7 (0.38)	**TH-1807**
3	161.8 (6.37)	90.4 (3.56)	25.1 (0.99)	9.7 (0.38)	**TH-1808**
3 - 1/2	187.2 (7.37)	102.9 (4.05)	25.4 (1.00)	11.2 (0.44)	**TH-1809**
4	206.2 (8.12)	114.6 (4.51)	25.4 (1.00)	11.2 (0.44)	**TH-1810**

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NEER™ Nail Straps

For EMT.

NEC:
Listed for Ordinary Locations

NS: Nail Straps

Applications

- To secure EMT to wooden mounting structure.
- Use in place of one hole straps.

Standard Material/Finish

- Steel/zinc plated

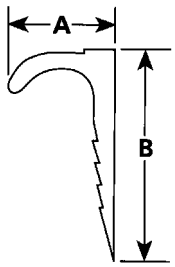
NEC Certifications and Compliances

- UL Listed: E333806



NS–901

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	30.2 (1.19)	52.6 (2.07)	**NS-901**
3/4	31.2 (1.23)	52.6 (2.07)	**NS-902**
1	39.1 (1.54)	57.2 (2.25)	**NS-903**

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NEER™ Beam Clamps, Jack Chain and S Hooks

NEC/CEC:
Rated for Ordinary Locations

TBC: Beam Clamps

Applications

- Clamp on to the mounting structure to provide mounting means for the attachment of conduit hangers either directly or by means of threaded rod.

Features

- 1/4-20 threaded holes.
- Jaw opening 5/8".

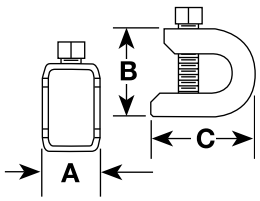
Material/Finish

- Stamped steel/zinc plate



BC–250

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1-1/4 x 5/16 -18	22.9 (0.90)	11.2 (0.44)	42.7 (1.68)	**BC-250**

NEC/CEC:
Rated for Ordinary Locations

JC: Steel Jack Chain

Applications

- For suspending lighting fixtures, etc.

Feature

- Standard weight maximum working load: 29#.

Material/Finish

- Galvanized steel

Note:
- *Order in 30.5 meter (100 foot) increments.*



JC–12–S

Trade Size (Inches)	Meters (Feet)	Catalog Number
No.12	30.5 (100) Spool	**JC-12-S**

NEC/CEC:
Rated for Ordinary Locations

SH: Standard and Heavy S Hooks

Applications

- For terminating end of jack chain, used to suspend lighting fixtures, etc.

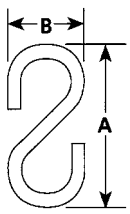
Material/Finish

- Steel/zinc plated



SH–100–D

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
0.1009 dia.	31.0 (1.22)	16.8 (0.66)	**SH-100-D**
0.1429 dia.	38.6 (1.52)	25.4 (1.00)	**SH-142**

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NEER™ Cable Staples

NEC/CEC:
Rated for Ordinary Locations

SN: Cable Staples

Applications

- To secure nonmetallic sheathed cable and type SE/U cable to wooden mounting structure.

Standard Material

- Steel

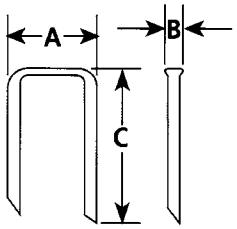
Note:

- *SN cable staples are furnished in plastic containers.*



SN

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Standard Carton	Package	Catalog Number
NMC 2-Cond. 12 and 14						
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	100	10,000	**SN-400**
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	500	10,000	**SN-405**
1 X 1/2	18.5 (0.73)	3.3 (0.13)	28.4 (1.12)	-	15,000	**SN-410**
NMC 3-Cond. 10-12 and 14 Wire						
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	100	5,000	**SN-1000**
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	500	5,000	**SN-1050**
1-1/4 x 9/16	20.3 (0.80)	3.6 (0.14)	34.8 (1.37)	-	10,000	**SN-1100**
SE/U 3-Cond. No. 6						
1-3/8 x 13/16	33.0 (1.30)	6.6 (0.26)	33.5 (1.32)	100	5,000	**SN-3000**

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Capacity of Steel Boxes and Covers

NEC:
Listed for Ordinary Locations

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies. Boxes and conduit bodies shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors.

FPN: For volume requirements of motor terminal housings, see 430.12.

Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with the provisions of 314.28.

(A) Box Volume Calculations. The volume of a wiring enclosure (box) shall be the total volume of the assembled sections and, where used, the space provided by plaster rings, domed covers, extension rings, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A).

(1) Standard Boxes. The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).

(2) Other Boxes. Boxes 1650 cm3 (100 in.3) or less, other than those described in Table 314.16(A), and Nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume. Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

(B) Box Fill Calculations. The volumes in paragraphs 314.16(B) (1) through (B) (5), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings.

Table 314.16(A) Metal Boxes

Box Trade Size mm (in)		Minimum Volume cm^3 ($in.^3$)	Maximum Number of Conductors ① 18	16	14	12	10	8	6
100x32 (4x1¼)	round/ octagon	205 (12.5)	8	7	6	5	5	5	2
100x38 (4x1½)	round/ octagon	254 (15.5)	10	8	7	6	6	5	3
100x54 (4x2)	round/ octagon	353 (21.5)	14	12	10	9	8	7	4
100x32 (4x1¼)	square	295 (18)	12	10	9	8	7	6	3
100x38 (4x1½)	square	344 (21)	14	12	10	9	8	7	4
100x54 (4x2)	square	497 (30.3)	20	17	15	13	12	10	6
120x32 (4x1¼)	square	418 (25.5)	17	14	12	11	10	8	5
120x38 (4x1½)	square	484 (29.5)	19	16	14	13	11	9	5
120x54 (4x2)	square	689 (42)	28	24	21	18	16	14	8
75x50x38 (3x2x1½)	device	123 (7.5)	5	4	3	3	3	2	1
75x50x50 (3x2x2)	device	164 (10)	6	5	5	4	4	3	2
75x50x57 (3x2x2¼)	device	172 (10.5)	7	6	5	4	4	3	2
75x50x65 (3x2x2½)	device	205 (12.5)	8	7	6	5	5	4	2
75x50x70 (3x2x2¾)	device	230 (14)	9	8	7	6	5	4	2
75x50x90 (3x2x3½)	device	295 (18)	12	10	9	8	7	6	3
100x54x38 (4x2x1½)	device	169 (10.3)	6	5	5	4	4	3	2
100x54x48 (4x2x1)	device	213 (13)	8	7	6	5	5	4	2
100x54x54 (4x2x2)	device	238 (14.5)	9	8	7	6	5	4	2
95x50x65 (3¾x2x2½)	masonry box/gang	230 (14)	9	8	7	6	5	4	2
95x50x90 (3¾x2x3½)	masonry box/gang	344 (21)	14	12	10	9	8	7	4
min. 44.5 depth	FS - single cover/ gang (1¾)	221 (13.5)	9	7	6	6	5	4	2
min. 60.3 depth	FD - single cover/ gang (2)	295 (18)	12	10	9	8	7	6	3
min. 44.5 depth	FS - multi. cover/ gang (1¾)	295 (18)	12	10	9	8	7	6	3
min. 60.3 depth	FD - multi. cover/ gang (2)	395 (24)	16	13	12	10	9	8	4

① Where no volume allowances are required by 314.16(B)(2) through (B)(5). Reproduced with permission NFPA. – All National Electrical Code references are from the 2008 edition.

(1) Conductor Fill. Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. A looped, unbroken conductor not less than twice the minimum length required for free conductors in 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors or not over four fixture wires smaller than 14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire (fixture) or similar canopy and terminate within that box.

(2) Clamp Fill. Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.

(3) Support Fittings Fill. Where one or more luminaire (fixture) studs or hickeys are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.

Table 314.16(B) Volume Allowance Required per Conductor

Size of Conductor (AWG)	Free Space Within Box for Each Conductor cm^3 (in^3)
18	24.6 (1.50)
16	28.7 (1.75)
14	32.8 (2.00)
12	36.9 (2.25)
10	41 (2.50)
8	49.2 (3.00)
6	81.9 (5.00)

(4) Device or Equipment Fill. For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap.

(5) Equipment Grounding Conductor Fill. Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

406.8 Receptacles in Damp or Wet Locations.

(B) Wet Locations.

(1) 15- and 20-Ampere Receptacles in a Wet Location. 15- and 20-Ampere, 125- and 250-Volt receptacles installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

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Outlet and Switch Boxes

Material, Finish, Knockouts, Fire-Rated Assemblies, Compliances, Groundskeeper Raised Ground Boss

NEC:
Listed for Ordinary Locations

Material/Finish

- AISI/SAE 1008
- Pre-galvanized G60, 183.09 g/sq m (0.60 oz/sq ft)
- Thickness: 0.0625” minimum

Concentric and Eccentric Knockouts

- Boxes with concentric or eccentric knockouts are suitable for bonding without any additional bonding means where used in circuits above or below 250 V. Unless otherwise noted all concentric or eccentric knockouts are 1/2” – 3/4” combinations.

Use in Fire-Rated Assemblies

- Single and double gang metallic outlet and switch boxes are acceptable for use in two-hour fi re rated walls. For additional information refer to the UL guide card information for metallic outlet boxes, QCIT.

Groundskeeper Raised Ground Boss

- Groundskeeper raised ground feature on boss inside box provides one or two #10-32 tapped hole, allowing a 3/8” long green ground screw to be threaded into box without contacting mounting surface. Other boxes provided with flat ground tapped hole, except Plenum Boxes.

NEC/CEC Compliances and Certifications

- UL Standard: 514A, 514B, 514D
- UL Listed: E2527, E14817
- NEMA: FB-1, OS-1

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Outlet and Switch Boxes

Styles of Clamps and Brackets

NEC:
Listed for Ordinary Locations

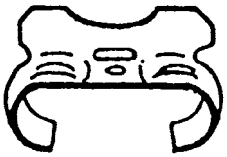
Clamps ①



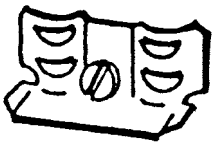
CL–9
For nonmetallic cable



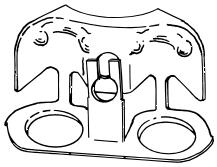
CL–20
For nonmetallic cable



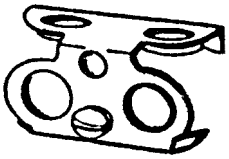
CL–24
For nonmetallic cable



CL–26
For nonmetallic cable

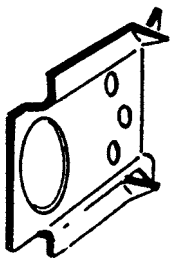


CL–13
For armored cable (AC), metal clad cable (MCI, MCI–A, MCC) and flexible metal conduit

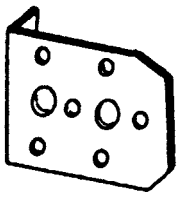


CL–25
For armored cable and flexible metal conduit

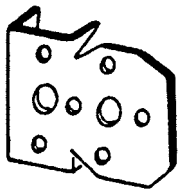
Brackets ①



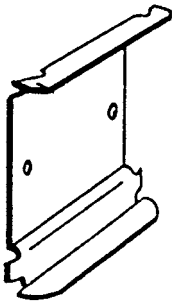
JB



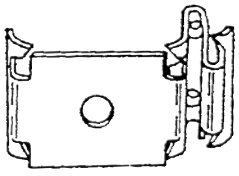
Plain NL



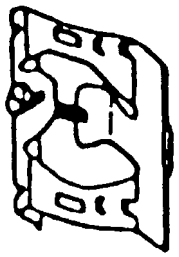
Stud NL



Snap–in metal stud



MSC–OBN
Outlet box metal stud clip
for individual sale ②



892
LOX BOX™ switch box supports
for individual sale ②

① *Products available as installed parts only.*
② *Products available as individual parts. Order by product catalog number.*

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Outlet and Switch Boxes

Styles of Clamps and Brackets

NEC:
Listed for Ordinary Locations

Brackets ①



Plain, Offset Side Combination



Barbed–Hook, Vertical



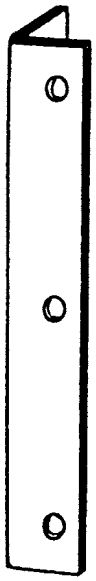
Plain, Vertical



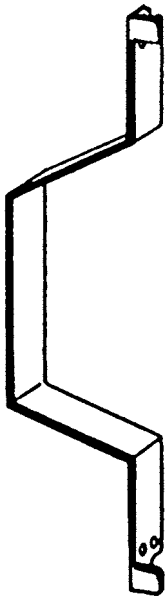
Vertical with Stud



Plain, Vertical



Plain, Vertical Angle



Offset, Vertical



Plain, Vertical

① *Products available as installed parts only.*

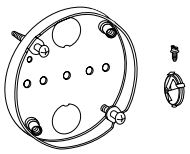
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Outlet and Switch Boxes

4” Round Ceiling Fan Box With and Without Support Bar Hanger

NEC:
Listed for Ordinary Locations

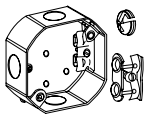
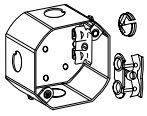
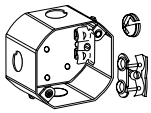
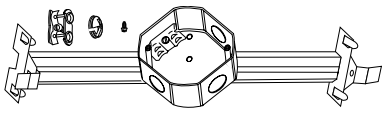
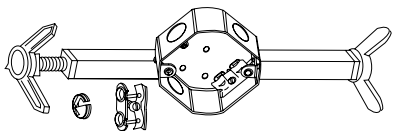
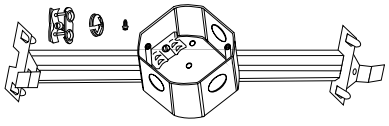
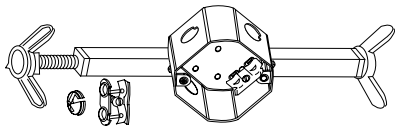
	Depth (Inches)	Clamp Type	Bracket, Offset or Expansion	Knockouts (Inches)	dm^3 (in^3)	Catalog Number
4" Round - without Support Bar Hangers						
	1/2	—	—	(2) 1/2	—	**FFS-4CL**

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Outlet and Switch Boxes

4” Octagon Ceiling Fan Boxes With and Without Support Bar Hangers

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Clamp Type	Bracket, Offset or Expansion	Knockouts (Inches)	dm^3 (in^3)	Catalog Number
4" Octagon - without Support Bar Hangers						
	1-1/2	AC/MC, NM	–	(3) 1/2	0.25 (15.5)	**FFS-561L**
	2-1/8	AC/MC, NM	–	(3) 1/2	0.35 (21.5)	**FFS-561LD**
	2-1/8	AC/MC, NM	FB, 1/2”	(2) 1/2	0.35 (21.5)	**FFS-561LD-VB-NW**
4" Octagon - with Support Bar Hangers ①						
	1-1/2	AC/MC, NM	NBH, 16” to 24”	(3) 1/2	0.25 (15.5)	**FFS-561L-NBH**
	1-1/2	AC/MC, NM	OBH, 16” to 24”	(3) 1/2	0.25 (15.5)	**FFS-561L-OBH**
	2-1/8	AC/MC, NM	NBH, 16” to 24”	(3) 1/2	0.35 (21.5)	**FFS-561LD-NBH**
	2-1/8	AC/MC, NM	OBH, 16” to 24"	(3) 1/2	0.35 (21.5)	**FFS-561LD-OBH**

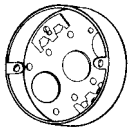
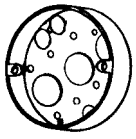
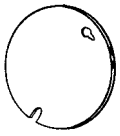
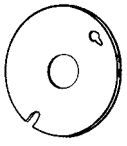
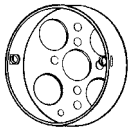
① *NBH is for new construction. OBH is for rehabbing old construction. Complies with NEC 442.18 for up to 70 lbs (32 kg) of ceiling fan load or 70 lbs (32 kg) fixture load.*

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Outlet and Switch Boxes

Round Boxes and Covers

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
3-1/4" Round Boxes - with Nonmetallic Sheathed Cable Clamps ①								
 **1/2" Deep**	1/2	4.5	CL-9	—	—	(3) 1/2” (4) 21/32”	13.15 (29.0)	**510LC** (36115)
 **1/2" Deep**	1/2	4.5	—	—	—	(3) 1/2” (4) 21/32”	21.77 (48.0)	**510L** ①
3-1/4" Round Covers - For 3-1/4" Octagon and Round Boxes ②								
	Flat	0.0	—		Blank		7.71 (17.0)	**8301A** (24C1)
	Flat	0.0	—		1/2” KO		7.71 (17.0)	**8320** (24C6)
4" Round Box - with Knockouts in Bottom ③								
 **1/2" Deep**	1/2	6.0	—	—	—	(5) 1/2”	16.33 (36.0)	**4CL** (56111)

① Not UL Listed.
② 2-3/4” Cover Hole Centerline.
③ 3-1/2” Cover Hole Centerline.

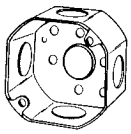
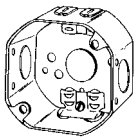
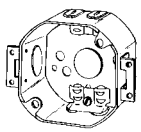
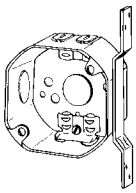
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Outlet and Switch Boxes

3-1/4" Octagon Boxes and Extension Ring

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
3-1/4" Octagon Boxes - with Knockouts								
 **30–1/2 1–1/2" Deep**	1-1/2	10.5	—	(4) 1/2"	—	(1) 1/2"	17.24 (38.0)	**30-1/2** (24151-1/2)
3-1/4" Octagon Boxes - with Nonmetallic Sheathed Cable Clamps								
 **560L 1–1/2" Deep; Two nail holes each end**	1-1/2	11.9	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	21.77 (48.0)	**560L** (24151-N)
 **560LXE 1–1/2" Deep; Plaster Ears**	1-1/2	11.9	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	23.13 (51.0)	**560LXE** (24151-NE)
 **560LVB 1–1/2" Deep; Plain Vertical Bracket; Set back 5/8"**	1-1/2	11.9	CL-26	(1) 1/2"	(4) 21/32"	(1) 1/2"	25.40 (56.0)	**560LVB** (24151NF)
3-1/4" Octagon Box Extension Ring - with Knockouts								
 **30E–1/2 1–1/2" Deep**	1-1/2	10.5	—	(4) 1/2"	—	—	15.42 (34.0)	**30E-1/2** (25151-1/2)

① *2-3/4" Cover Hole Centerline.*

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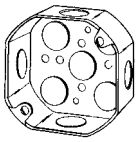
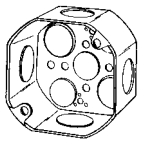
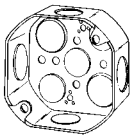
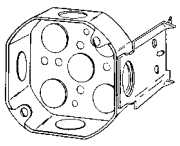
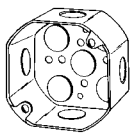
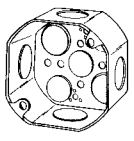
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Outlet and Switch Boxes

4" Octagon Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
			Sides	Ends	Bottom		
 **1–1/2" Deep**	1-1/2	15.5	(4) 1/2"	—	(5) 1/2"	23.59 (52.0)	**4O-1/2** (54151-1/2)
 **1–1/2" Deep**	1-1/2	15.5	(4) 3/4"	—	(3) 1/2" (2) 3/4"	23.59 (52.0)	**4O-3/4** (54151-3/4)
 **1–1/2" Deep**	1-1/2	15.5	(2) 1/2" (2) 3/4"	—	(3) 1/2" (2) 3/4"	23.59 (52.0)	**4O-SPL** (54151SPL)
 **1–1/2" Deep; JB Bracket set flush Gauging notches 3/8" & 1/2"**	1-1/2	15.5	(4) 1/2"	—	(5) 1/2"	30.84 (68.0)	**4OJB-1/2** (54151J-1/2)
 **2–1/8" Deep**	2-1/8	21.5	(4) 1/2"	—	(5) 1/2"	29.94 (66.0)	**4OD-1/2** (54171-1/2)
 **2–1/8" Deep**	2-1/8	21.5	(4) 3/4"	—	(3) 1/2" (2) 3/4"	29.94 (66.0)	**4OD-3/4** (54171-3/4)

① 3-1/2" Cover Hole Centerline.

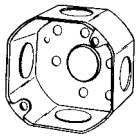
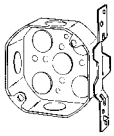
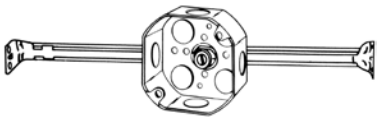
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Outlet and Switch Boxes

4" Octagon Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
			Sides	Ends	Bottom		
 **2–1/8" Deep**	2-1/8	21.5	(2) 1/2" (2) 3/4"	—	(3) 1/2" (2) 3/4"	30.84 (68.0)	**4OD-SPL** (54171SPL)
 **1–1/2" Deep; Vertical bracket with stud; Set back 5/8"**	1-1/2	15.5	(3) 1/2"	—	(5) 1/2"	28.12 (62.0)	**4OVB-1/2** (54151F-1/2)
 **1–1/2" Deep; 40–1/2 box on SX115; Stud bar hanger; Adjusts from 11–1/2" to 18–1/2"**	1-1/2	15.5	(4) 1/2"	—	(4) 1/2"	41.73 (92.0)	**SX115-4O-1/2** ②

① *3-1/2" Cover Hole Centerline.*
② *Not fan box rated.*

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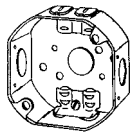
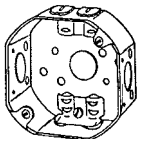
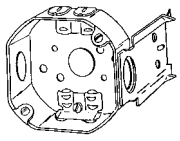
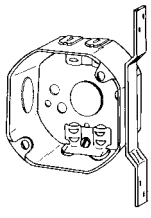
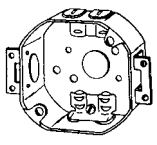
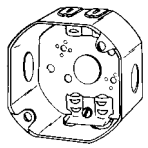
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Outlet and Switch Boxes

4" Octagon Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	25.85 (57.0)	**561L** (54151)
 **1–1/2" Deep; Four nail holes each end**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	25.85 (57.0)	**561N** (54151N)
 **1–1/2" Deep; JB Bracket set flush; Gauging notches 3/8" & 1/2"**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	33.57 (74.0)	**561LJB** (54151JN)
 **1–1/2" Deep; Bracket set back 5/8"**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	29.94 (66.0)	**561LVB** (54151FN)
 **1–1/2" Deep; Plaster ears**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	28.12 (62.0)	**561LXE** (54151NE)
 **2–1/8" Deep**	2-1/8	21.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	31.75 (70.0)	**561LD** (54171N)

① 3-1/2" Cover Hole Centerline.

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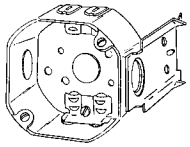
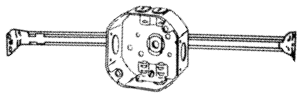
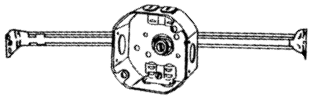
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Outlet and Switch Boxes

4" Octagon Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 **2–1/8" Deep; JB Bracket set back 1"; Gauging notches set back 1–3/8" & 1–1/2"**	2-1/8	21.5	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	38.10 (84.0)	**561LDJB** (54171JN)
 **1–1/2" Deep; 561L box on SX18 clip bar hanger; Adjusts from 11–1/2" to 18–1/2"**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	—	43.54 (96.0)	**SX18-561L** ②③
 **1–1/2" Deep; 561L box on SX115 stud bar hanger; Adjusts from 11–1/2" to 18–1/2"**	1-1/2	15.5	CL-26	(2) 1/2"	(4) 21/32"	—	44.91 (99.0)	**SX115-561L** ③

① 3-1/2" Cover Hole Centerline.
② Not UL Listed.
③ Not fan box rated.

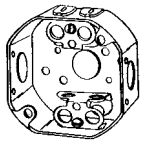
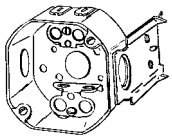
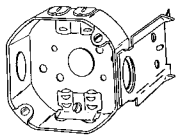
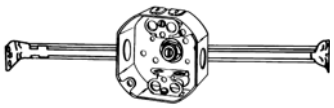
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Outlet and Switch Boxes

4" Octagon Boxes

With Armored Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep Two nail holes each end**	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	27.67 (61.0)	**551L** (54151X)
 **1–1/2" Deep JB Bracket set flush; Gauging Notches 3/8" & 1/2"**	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	33.57 (74.0)	**551LJB**
 **2–1/8" Deep JB Bracket set back 1"; Gauging Notches 3/8" & 1/2"**	2-1/8	21.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	(1) 1/2"	38.10 (84.0)	**551LDJB**
 **1–1/2" Deep 551L box on SX115 stud bar hanger; Adjusts from 11–1/2" to 18–1/2"**	1-1/2	15.5	CL-25	(2) 1/2"	(4) 21/32" (4) 21/32"	—	46.72 (103.0)	**SX115-551L** ②

① *3-1/2" Cover Hole Centerline.*
② *Not fan box rated.*

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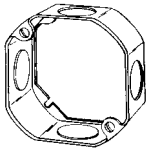
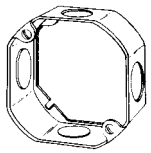
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Outlet and Switch Boxes

4" Octagon Box Extension Rings

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Clamp Type	Knockout Description			Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep**	1-1/2	15.5	—	(4) 1/2"	—	—	16.78 (37.0)	**4OE-1/2** (551511/2)
 **1–1/2" Deep**	1-1/2	15.5	—	(2) 1/2" (2) 3/4"	—	—	17.69 (39.0)	**4OE-3/4** (551513/4)
 **1–1/2" Deep**	1-1/2	15.5	—	(2) 1/2"	—	—	44.91 (99.0)	**4OE-SPL** (55151-SPL)

① *3-1/2" Cover Hole Centerline.*

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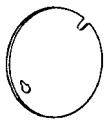
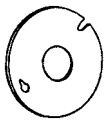
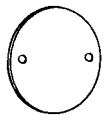
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Outlet and Switch Boxes

4" Octagon and Round Covers

For 4" Octagon and Round Boxes

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description	Weight per 100 kg (lb)	Catalog Number ① (Universal No.)
 **1/2" Raised**	1/2" Raised	3.5	Ears 2-3/4" C to C	8.16 (18.0)	**8409A** (54C31/2)
 **5/8" Raised**	5/8" Raised	4.5	Ears 2-3/4" C to C	9.07 (20.0)	**8409** (54C33/4)
 **Flat**	Flat	3.5	Blank	11.79 (26.0)	**8403** (5401)
 **Flat**	Flat	0.0	1/2" Knockout	11.79 (26.0)	**8413** (54C6)
 **Flat**	Flat	0.0	One Single Flush Receptacle 1-13/32" D	9.53 (21.0)	**8419LR** (54-S)
 **Flat**	Flat	0.0	Duplex Receptacle	8.62 (19.0)	**8420LR** (54-D)
 **Beveled**	Beveled (White)	0.0	Blank	11.79 (26.0)	**WCRB4W**

① *3-1/2" Cover Hole Centerline.*

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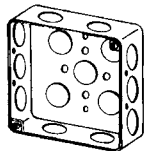
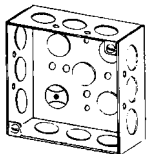
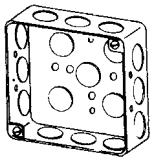
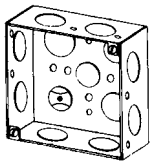
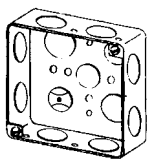
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Outlet and Switch Boxes

4” Square Boxes - 1-1/2" Deep

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
	 **1–1/4" Deep, Drawn**	1-1/4	18.0	(10) 1/2”	—	(5) 1/2”	27.67 (61.0)	**4SL-1/2** (52141-1/2)
	 **1–1/2" Deep, Welded**	1-1/2	21.0	(12) 1/2”	—	(4) 1/2”	33.11 (73.0)	**4S-1/2** (52151-1/2)
		1-1/2	21.0	(12) 1/2”	—	(4) 1/2”	33.11 (73.0)	**4S-1/2RD** ①
	 **1–1/2" Deep, Drawn**	1-1/2	21.0	(12) 1/2”	—	(5) 1/2”	33.11 (73.0)	**4S1/2-DR** (52151-1/2)
	 **1–1/2" Deep, Welded**	1-1/2	21.0	(8) 3/4”	—	(2) 1/2” (2) 3/4”	30.39 (67.0)	**4S-3/4** (52151-3/4)
	 **1–1/2" Deep, Drawn**	1-1/2	21.0	(8) 3/4”	—	(2) 1/2” (2) 3/4”	30.39 (67.0)	**4S3/4-DR** (52151-3/4)

① *For fire alarm circuits. Red powder coat finish.*

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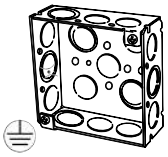
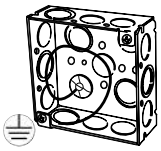
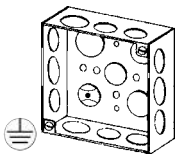
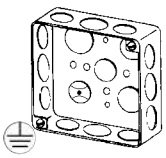
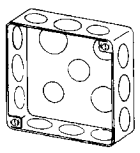
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Outlet and Switch Boxes

4" Square Boxes - 1-1/2" Deep

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep, Welded**		1-1/2	21.0	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	32.66 (72.0)	**4SEK**
 **1–1/2" Deep, Welded**	With Green Ground Wire	1-1/2	21.0	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	32.66 (72.0)	**4SEKP** ①
 **1–1/2" Deep, Welded**		1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(2) 1/2" (2) 3/4"	33.11 (73.0)	**4S-SPL** (52151-SPL)
 **1–1/2" Deep, Drawn**		1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(2) 1/2" (2) 3/4"	33.11 (73.0)	**4S-SPL-DR** (52151-SPL)
	Red Box Option	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	33.11 (73.0)	**4S-SPL-DRRD** ②
 **1–1/2" Deep, Drawn**	With Green Ground Wire	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 1/2"	33.11 (73.0)	**4S-SPL-DRP** ①
 **Plenum Box; 1–1/2" Deep, Drawn; Without any holes and with reset knockouts (Screws supplied with cover, Catalog number 8465P)**		1-1/2	21.0	(8) 1/2" (4) 3/4"	—	(3) 1/2" (2) 3/4"	31.75 (70.0)	**4SP**

① *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*
② *For fire alarm circuits. Red powder coat finish.*

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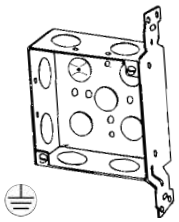
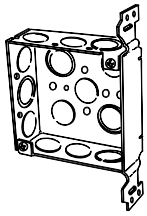
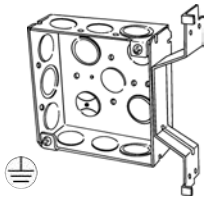
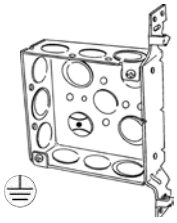
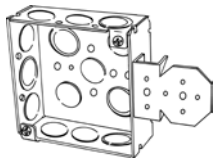
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Outlet and Switch Boxes

4” Square Boxes - 1-1/2" Deep

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2” Deep, Welded; Plain vertical bracket**		1-1/2	21.0	(6) 3/4”	—	(2) 1/2” (2) 3/4”	36.74 (81.0)	**4SVB3/4PL** (52151-V-3/4)
 **1–1/2” Deep, Welded; Plain vertical bracket**		1-1/2	21.0	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	36.74 (81.0)	**4SVB-EK-PL**
	Red Box Option	1-1/2	21.0	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	36.74 (81.0)	**4SVB-EK-PLRD** ①
 **1–1/2” Deep, Welded; 1–3/8” offset vertical bracket**		1-1/2	21.0	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	40.37 (89.0)	**4SOB-EK**
 **1–1/2” Deep, Welded; Vertical bracket with barbed hooks**		1-1/2	21.0	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	37.19 (82.0)	**4SAB-EK**
 **1–1/2” Deep, Welded; Stud NL bracket set flush with front of box**		1-1/2	21.0	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	35.38 (78.0)	**4SB-EK** (52151-B-1/2)

① *For fire alarm circuits. Red powder coat finish.*

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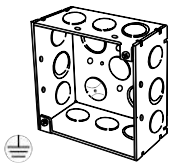
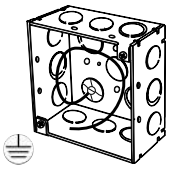
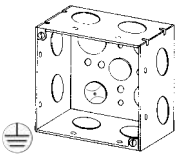
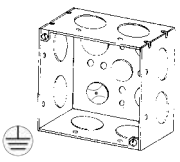
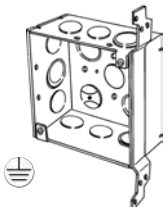
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Outlet and Switch Boxes

4" Square Boxes - 2-1/8" Deep

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **2–1/8" Deep, Welded**		2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	**4SD-EK**
	Red Box Option	2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	"(2) 1/2" (2) Eccentric KO	37.19 (82.0)	**4SD-EKRD** ①
 **2–1/8" Deep, Welded**	With Green Ground Wire	2-1/8	30.3	(8) 1/2" (4) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	37.19 (82.0)	**4SD-EKP** ②
 **2–1/8" Deep, Welded**		2-1/8	30.3	(8) 3/4"	—	(3) 1/2" (2) 3/4"	38.10 (84.0)	**4SD-3/4** (52171-3/4)
 **2–1/8" Deep, Welded**		2-1/8	30.3	(8) 1"	—	(3) 1/2" (2) 3/4"	38.10 (84.0)	**4SD-1** (52171-1)
 **2–1/8" Deep, Welded; Plain vertical bracket; Set flush with front of box**		2-1/8	30.3	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	47.17 (104.0)	**4SDVB-EK-PL**
		2-1/8	30.3	(6) 1/2" (3) Eccentric KO	—	(2) 1/2" (2) Eccentric KO	47.17 (104.0)	**4SDVB-EK-PLRD** ①

① *For fire alarm circuits. Red powder coat finish.*
② *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

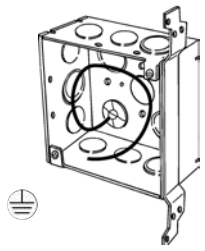
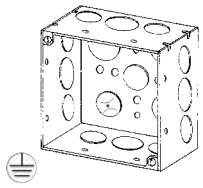
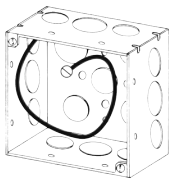
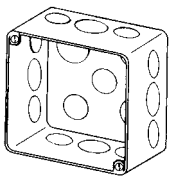
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Outlet and Switch Boxes

4” Square Boxes - 2-1/8" Deep

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **2–1/8” Deep, Welded; Plain vertical bracket; Set flush with front of box**	With Green Ground Wire	2-1/8	30.3	(6) 1/2” (3) Eccentric KO	—	(2) 1/2” (2) Eccentric KO	47.17 (104.0)	**4SDVB-EK-PLP** ①
 **2–1/8” Deep, Welded**		2-1/8	30.3	(8) 1/2” (4) 3/4”	—	(3) 1/2” (2) 3/4”	38.56 (85.0)	**4SD-SPL** (52171-SPL)
	Red Box Option	2-1/8	30.3	(8) 1/2” (4) 3/4”	—	(3) 1/2” (2) 3/4”	38.56 (85.0)	**4SD-SPLRD** ②
 **2–1/8” Deep, Welded**	With Green Ground Wire	2-1/8	30.3	(8) 1/2” (4) 3/4”	—	(3) 1/2” (2) 3/4”	38.56 (85.0)	**4SD-SPLP** ①
 **Plenum Box, 2–1/8” Deep, Drawn; Without any holes and with reset knockouts (Screws supplied with cover, catalog number 8465P)**		2-1/8	30.3	(8) 1/2” (4) 3/4”	—	(3) 1/2” (2) 3/4”	38.10 (84.0)	**4SPD**

① *Provided with green ground screw and 8” long No. 12 AWG solid, insulated green ground wire.*
② *For fire alarm circuits. Red powder coat finish.*

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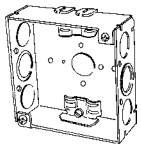
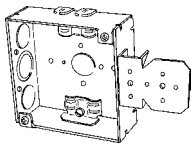
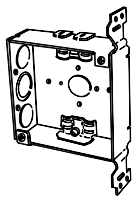
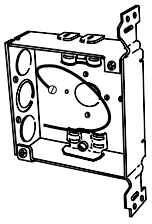
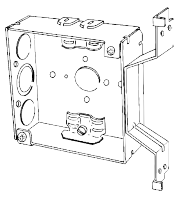
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Outlet and Switch Boxes

4" Square Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep, Welded Nail holes**	1-1/2	21.0	CL-26	(4) 1/2" (2) Eccentric KO	(4) 21/32"	(1) 1/2"	33.57 (74.0)	**4SR-EK**
 **1–1/2" Deep, Welded; Stud NL Bracket set flush with front of box**	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	39.92 (88.0)	**4SRB-EK**
 **1–1/2" Deep, Welded; 1–3/8" offset vertical bracket; Set flush with front of box**	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	38.10 (84.0)	**4SRVB-EK-PL**
 **1–1/2" Deep, Welded; Plain vertical bracket** With Green Ground Wire	1-1/2	21.0	CL-26	(2) 1/2"	(4) 21/32"	(1) 1/2"	38.10 (84.0)	**4SRVB-EK-PLP** ①
 **1–1/2" Deep, Welded; 1–3/8" offset vertical bracket; Set flush with front of box**	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	42.64 (94.0)	**4SROB-EK**

① *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

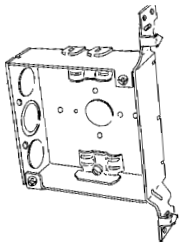
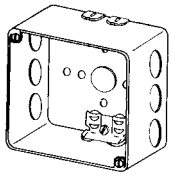
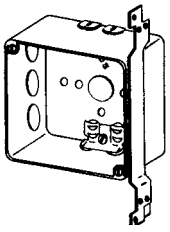
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Outlet and Switch Boxes

4" Square Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/8" Deep, Welded; Vertical bracket with barbed hooks**	1-1/2	21.0	CL-26	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	39.92 (88.0)	**4SRAB-EK**
 **2–1/8" Deep, Drawn Nail holes**	2-1/8	30.3	CL-26	(6) 1/2"	(4) 21/32"	(1) 1/2"	40.82 (90.0)	**4SRD**
 **2–1/8" Deep, Drawn; Plain vertical bracket flush with front of box**	2-1/8	30.3	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	45.36 (100.0)	**4SRDVB-PL**

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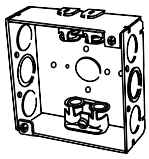
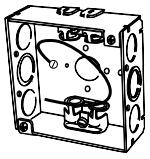
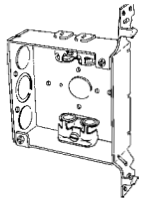
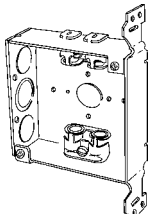
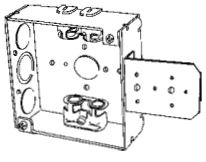
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Outlet and Switch Boxes

4" Square Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
					Sides	Ends	Bottom		
 **1–1/2" Deep, Welded**		1-1/2	21.0	CL-13	(4) 1/2" (2) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	**4SX-EK** (52151VB)
 **1–1/2" Deep, Welded**	With Green Ground Wire	1-1/2	21.0	CL-13	(4) 1/2" (2) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	**4SX-EKP** ①
 **1–1/2" Deep, Welded; Vertical bracket with barbed hooks**		1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	45.36 (100.0)	**4SXAB-EK** (52151VB)
 **1–1/2" Deep, Welded; Plain vertical bracket**		1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	51.71 (114.0)	**4SXVB-EK-PL**
 **1–1/2" Deep, Welded; Plain NL bracket set flush with front of box**		1-1/2	21.0	CL-13	(2) 1/2" (1) Eccentric KO	(4) 21/32"	(1) 1/2"	52.62 (116.0)	**4SXB-EK-PL**

① *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

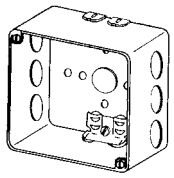
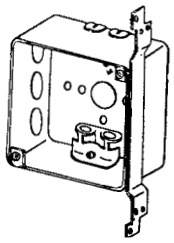
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Outlet and Switch Boxes

4" Square Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **2–1/8" Deep, Drawn**	2-1/8	30.3	CL-13	(6) 1/2"	(4) 21/32"	(1) 1/2"	45.36 (100.0)	**4SXD**
 **2–1/8" Deep, Drawn; Plain vertical bracket; Set flush with front of box**	2-1/8	30.3	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	51.71 (114.0)	**4SXDVB-PL**

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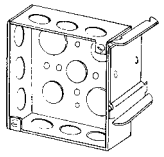
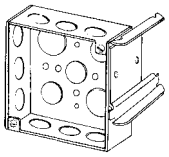
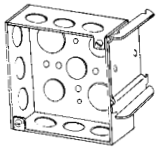
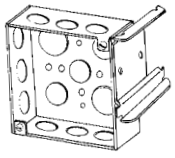
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Outlet and Switch Boxes

4" Square Boxes with Snap-In Brackets

For 2-1/2" and 3-5/8" Metal Studs

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Stud Size (Inches)	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
					Sides	Ends	Bottom		
 **1–1/2" Deep, Welded; For 2–1/2" metal stud**	1-1/2	2-1/2	21.0	—	(9) 1/2"	—	(5) 1/2"	41.73 (92.0)	**4S1/2-SB2-1/2**
 **1–1/2" Deep, Welded; For 3–5/8" metal stud**	1-1/2	3-5/8	21.0	—	(9) 1/2"	—	(5) 1/2"	46.27 (102.0)	**4S1/2-SB3-5/8**
 **1–1/2" Deep, Welded; For 2–1/2" metal stud**	1-1/2	2-1/2	21.0	—	(6) 1/2" (3) 3/4"	—	(3) 1/2" (2) 3/4"	41.73 (92.0)	**4S-SPL-SB2-1/2**
 **1–1/2" Deep, Welded; For 3–5/8" metal stud**	1-1/2	3-5/8	21.0	—	(6) 1/2" (3) 3/4"	—	(3) 1/2" (2) 3/4"	46.27 (102.0)	**4S-SPL-SB3-5/8**

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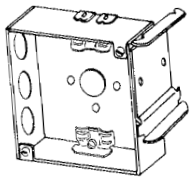
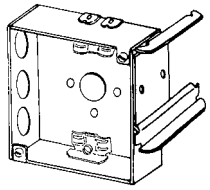
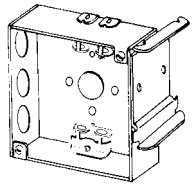
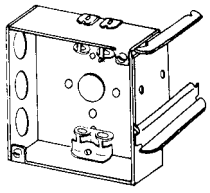
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Outlet and Switch Boxes

4" Square Boxes with Snap-In Brackets

For 2-1/2" and 3-5/8" Metal Studs

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Stud Size (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
					Sides	Ends	Bottom		
With Nonmetallic Sheathed Cable Clamps									
 **1–1/2" Deep, Welded For 2–1/2" metal stud**	1-1/2	2-1/2	21.0	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	42.18 (93.0)	**4SR-SB2-1/2**
 **1–1/2" Deep, Welded For 3–5/8" metal stud**	1-1/2	3-5/8	21.0	CL-26	(3) 1/2"	(4) 21/32"	(1) 1/2"	46.72 (103.0)	**4SR-SB3-5/8**
With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC) Clamps									
 **1–1/2" Deep, Welded For 2–1/2" metal stud**	1-1/2	2-1/2	21.0	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	53.98 (119.0)	**4SX-SB2-1/2**
 **1–1/2" Deep, Welded For 3–5/8" metal stud**	1-1/2	3-5/8	21.0	CL-13	(3) 1/2"	(4) 21/32"	(1) 1/2"	58.51 (129.0)	**4SX-SB3-5/8**

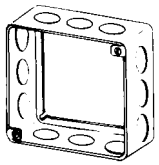
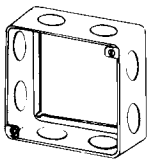
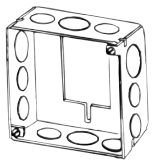
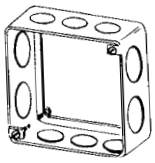
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Outlet and Switch Boxes

4" Square Box Extension Rings and Thru-Ring

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **Extension Ring 1–1/2" Deep, Drawn Top: Two 8–32 screws Bottom: Two slide–on slots**		1-1/2	21.0	(12) 1/2"	—	—	19.96 (44.0)	**4SE-1/2**
 **Extension Ring 1–1/2" Deep, Drawn Top: Two 8–32 screws Bottom: Two slide–on slots**		1-1/2	21.0	(8) 3/4"	—	—	19.96 (44.0)	**4SE-3/4** (53151-3/4)
 **Extension Ring 1–1/2" Deep, Welded Top: Two 8–32 screws Bottom: Cutout for switch or handy box**		1-1/2	21.0	(8) 1/2" (4) 3/4"	—	—	29.03 (64.0)	**4SSBE-SPL**
	Red Box Option	1-1/2	21.0	(8) 1/2" (4) 3/4"	—	—	29.03 (64.0)	**4SSBE-SPLRD** ①
 **Combo Extension–Thru–Ring 1–1/2" Deep, Drawn Top: Two 8–32 screws Bottom: Two 8–32 screws and two slide–on screws**		1-1/2	21.0	(6) 1/2" (4) 3/4"	—	—	21.32 (47.0)	**4SES** (53151-1/2)
	Red Box Option	1-1/2	21.0	(6) 1/2" (4) 3/4"	—	—	21.32 (47.0)	**4SESRD** ①

① *For fire alarm circuits. Red powder coat finish.*

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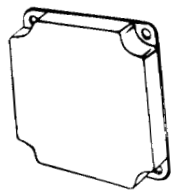
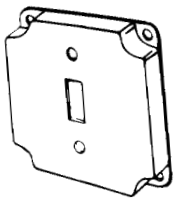
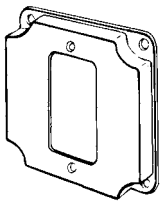
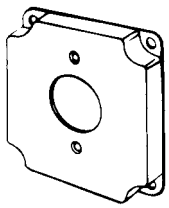
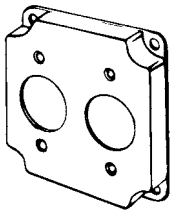
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Outlet and Switch Boxes

4" Square Covers

Raised Surface Covers

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	7.0	Blank	20.41 (45.0)	**8360**
 **1/2" Raised**	1/2	7.0	One Toggle Switch	19.96 (44.0)	**8361** (52-1T)
 **1/2" Raised**	1/2	7.0	One GFCI Device	15.88 (35.0)	**8362**
 **1/2" Raised 1–13/32" Opening**	1/2	7.0	One Single Flush Receptacle 1-13/32" D	18.14 (40.0)	**8363**
 **1/2" Raised 1–13/32" Openings**	1/2	7.0	Two Single Flush Receptacles 1-13/32" D	17.24 (38.0)	**8364**

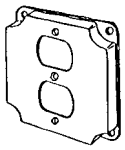
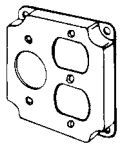
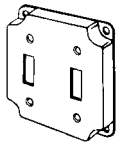
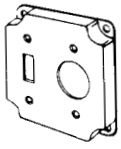
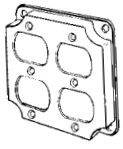
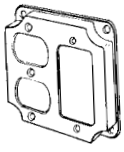
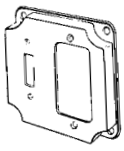
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Outlet and Switch Boxes

4" Square Covers

Raised Surface Covers

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	7.0	One Duplex Flush Receptacle ①	16.33 (36.0)	**8365N**
 **1/2" Raised**	1/2	7.0	One Duplex Flush Receptacle ①, One Single Flush Receptacle 1-13/32" D	14.97 (33.0)	**8366**
 **1/2" Raised**	1/2	7.0	Two Toggle Switches	19.05 (42.0)	**8367** (52-2T)
 **1/2" Raised 1–13/32" Opening**	1/2	7.0	One Toggle Switch, One Single Flush Receptacle 1-13/32" D	17.69 (39.0)	**8368**
 **1/2" Raised**	1/2	7.0	Two Duplex Flush Receptacles ①	14.97 (33.0)	**8371N**
 **1/2" Raised**	1/2	7.0	One Duplex Flush, One GFCI Device ①	14.51 (32.0)	**8373N**
 **1/2" Raised**	1/2	7.0	One Toggle Switch, One GFCI Device	17.24 (38.0)	**8374**

① Extra mounting screws and nuts provided.

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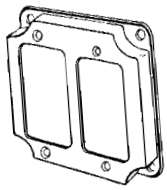
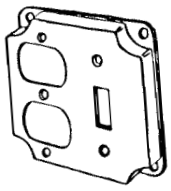
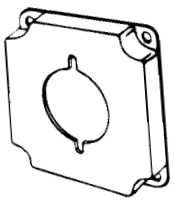
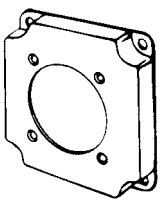
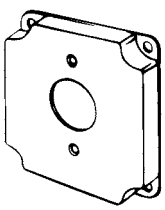
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Outlet and Switch Boxes

4" Square Covers

Raised Surface Covers

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	7.0	Two GFCI or Decora Switches	20.41 (45.0)	**8362N**
 **1/2" Raised**	1/2	7.0	One Toggle Switch, One Duplex Flush ①	20.41 (45.0)	**8375N**
 **1/2" Raised 2–9/64" Opening**	1/2	7.0	30-50A Single Flush Receptacle 2-9/64" D	19.96 (44.0)	**8377**
 **1/2" Raised 2–1/2" Opening**	1/2	7.0	One Single Flush Receptacle 2-1/2" D	15.88 (35.0)	**8378**
 **1/2" Raised 1–19/32" Opening**	1/2	7.0	20A Twist Lock Receptacle 1-19/32" D	18.14 (40.0)	**8379** (52R54)

① *Extra mounting screws and nuts provided.*

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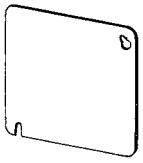
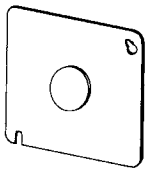
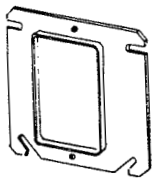
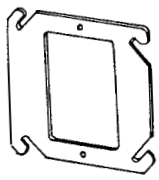
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Outlet and Switch Boxes

4" Square Covers

Flat Covers and Single Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
Flat Covers						
 **Blank**		Flat	—	Blank	14.51 (32.0)	**8465** (52C1)
	Red Box Option	Flat	—	Blank	14.51 (32.0)	**8465RD** ①
 **1/2" KO**		Flat	—	1/2" KO	14.51 (32.0)	**8474** (52C6)
 **Plenum box cover with gasket and screws**		Flat	—	Blank Plenum Box Cover Gasketed with Two Captive Screws	15.88 (35.0)	**8465P**
Single Device						
 **1/4" Raised**		1/4	1.5	Single Device	9.98 (22.0)	**8468WB** (52C36)
 **Flat**		Flat	0.0	Single Device	9.53 (21.0)	**8468F** (52C-0)

① *For fire alarm circuits. Red powder coat finish.*

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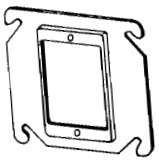
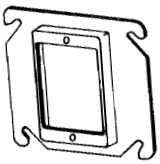
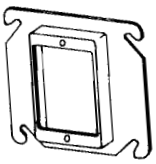
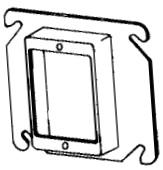
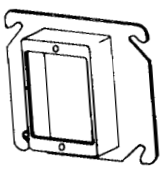
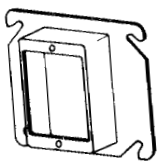
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Outlet and Switch Boxes

4" Square Covers

Single Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/4" Raised**	1/4	2.0	Single Device	10.43 (23.0)	**8468B** (52C62)
 **1/2" Raised**	1/2	3.5	Single Device - Drawn	12.70 (28.0)	**8468A** (52C13)
 **5/8" Raised**	5/8	4.5	Single Device - Drawn	12.70 (28.0)	**8468C** (52C14-5/8)
 **3/4" Raised**	3/4	5.5	Single Device - Drawn	14.51 (32.0)	**8468** (52C14)
 **1" Raised**	1	7.5	Single Device - Drawn	16.33 (36.0)	**8466A** (52C15)
 **1–1/4" Raised**	1-1/4	9.5	Single Device - Drawn	18.14 (40.0)	**8466** (52C16)

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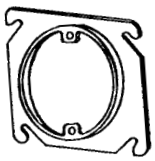
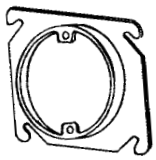
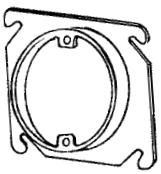
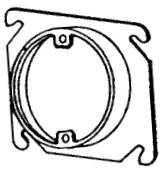
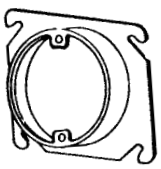
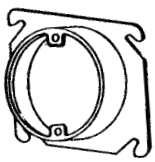
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Outlet and Switch Boxes

4" Square Covers

Single Device - Ceiling Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/4" Raised**	1/4	1.5	Ears 2-3/4" C to C Open	9.98 (22.0)	**8461E** (52C3-1/4)
 **1/2" Raised**	1/2	3.5	Ears 2-3/4" C to C Open	10.89 (24.0)	**8461A** (52C3-1/2)
 **5/8" Raised**	5/8	4.5	Ears 2-3/4" C to C Open	11.79 (26.0)	**8461** (52C)
 **3/4" Raised**	3/4	5.0	Ears 2-3/4" C to C Open	12.70 (28.0)	**8461B** (52C3-3/4)
 **1" Raised**	1	7.0	Ears 2-3/4" C to C Open	24.49 (54.0)	**8461C** (52C3-1)
 **1–1/4" Raised**	1-1/4	9.0	Ears 2-3/4" C to C Open	33.11 (73.0)	**8461D** (52C3-1-1/4)

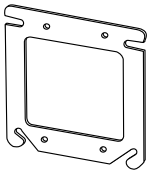
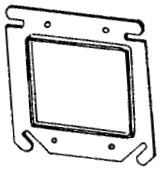
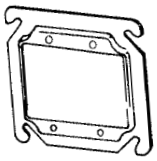
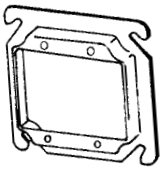
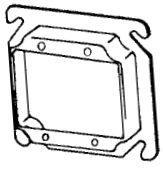
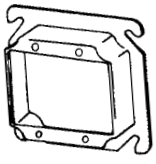
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Outlet and Switch Boxes

4" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **Flat**	Flat	0.0	Double Device	5.89 (13.0)	**8470F** (52C-00)
 **1/4" Raised**	1/4	3.5	Double Device	7.71 (17.0)	**8470WB** (52C37)
 **1/4" Raised**	1/4	3.0	Double Device	5.89 (13.0)	**8470B** (52C20)
 **1/2" Raised**	1/2	6.0	Double Device	9.07 (20.0)	**8470A** (52C17)
 **5/8" Raised**	5/8	8.0	Double Device	9.98 (22.0)	**8470C** (52C185/8)
 **3/4" Raised**	3/4	9.0	Double Device	10.89 (24.0)	**8470** (52C18)

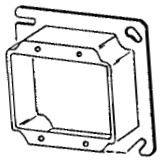
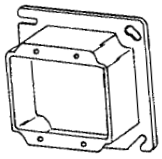
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Outlet and Switch Boxes

4" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1" Raised**	1	12.0	Double Device	13.61 (30.0)	**8469A** (52C19)
 **1–1/4" Raised**	1-1/4	15.0	Double Device	18.14 (40.0)	**8469B** (52C21)

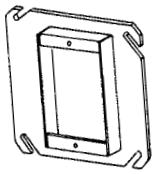
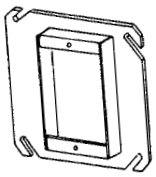
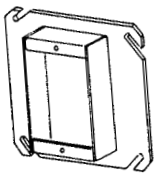
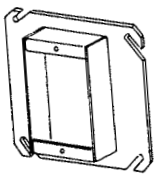
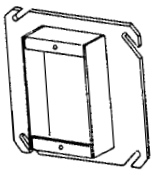
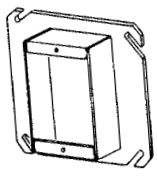
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Outlet and Switch Boxes

4” Square Tile Covers

Single Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **Flat**	1/2	3.5	Single Device	13.61 (30.0)	**846-50** (52C49-1/2)
 **1/4” Raised**	3/4	5.8	Single Device	15.88 (35.0)	**846-75** (52C49-3/4)
 **1/4” Raised**	1	7.5	Single Device	18.14 (40.0)	**846-100** (52C49-1)
 **1/2” Raised**	1-1/4	9.3	Single Device	20.87 (46.0)	**846-125** (52C49-1-1/4)
 **5/8” Raised**	1-1/2	11	Single Device	23.59 (52.0)	**846-150** (52C50-1-1/2)
 **3/4” Raised**	2	14.8	Single Device	29.03 (64.0)	**846-200** (52C51-2)

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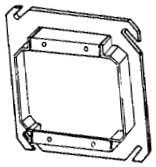
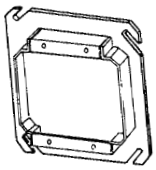
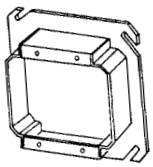
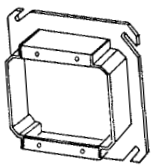
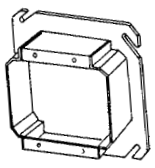
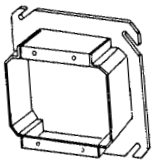
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Outlet and Switch Boxes

4" Square Tile Covers

Double Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	3.5	Single Device	13.61 (30.0)	**847-50** (52C52-1/2)
 **3/4" Raised**	3/4	5.8	Single Device	15.88 (35.0)	**847-75** (52C52-3/4)
 **1" Raised**	1	7.5	Single Device	18.14 (40.0)	**847-100** (52C5-1)
 **1–1/4" Raised**	1-1/4	9.3	Single Device	20.87 (46.0)	**847-125** (52C52-1-1/4)
 **1–1/2" Raised**	1-1/2	11	Single Device	23.59 (52.0)	**847-150** (52C53-1-1/2)
 **2" Raised**	2	14.8	Single Device	29.03 (64.0)	**847-200** (52C54-2)

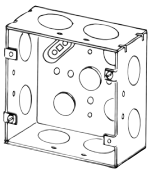
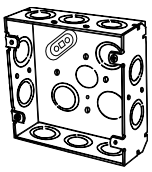
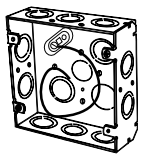
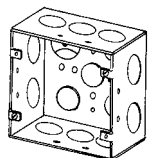
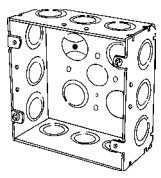
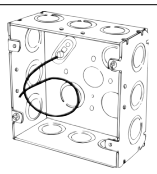
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Outlet and Switch Boxes

4-11/16" Square Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep, Welded**		1-1/2	29.5	(8) 3/4"	—	(2) 1/2" (2) 3/4"	39.46 (87.0)	**4SJ-3/4** (72151-3/4)
 **1–1/2" Deep, Welded**		1-1/2	29.5	(10) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	39.92 (88.0)	**4SJ-EK** (72151-SPL)
 **1–1/2" Deep, Welded**	With Green Ground Wire	1-1/2	29.5	(10) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	39.92 (88.0)	**4SJ-EKP** ②
 **2–1/8" Deep, Welded**		2-1/8	42.0	(10) 3/4"	—	(2) 1/2" (2) 3/4"	47.17 (104.0)	**4SJD-3/4** (72171-3/4)
 **2–1/8" Deep, Welded**		2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	**4SJD-EK** (72171-SPL)
	Red Box Option	2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	**4SJD-EKRD** ①
 **2–1/8" Deep, Welded**	With Green Ground Wire	2-1/8	42.0	(12) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	47.17 (104.0)	**4SJD-EKP** ②

① *For fire alarm circuits. Red powder coat finish.*
② *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

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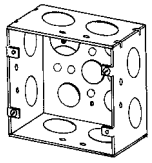
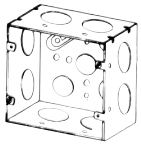
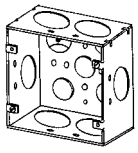
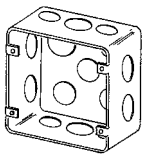
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Outlet and Switch Boxes

4-11/16" Square Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 **2–1/8 Deep, Welded**	2-1/8	42.0	(4) 3/4" (4) 1"	—	(2) 1/2" (2) 3/4"	48.99 (108.0)	**4SJD-3/4-1** (72171-3/4-1-SPL)
 **2–1/8 Deep, Welded**	2-1/8	42.0	(8) 1"	—	(2) 1/2" (2) 3/4"	43.99 (97.0)	**4SJD-1** (72171-1)
 **2–1/8 Deep, Welded**	2-1/8	42.0	(6) 1-1/4"	—	(2) 1/2" (2) 3/4"	48.08 (106.0)	**4SJD-1-1/4** (72171-1-1/4)
 **Plenum Box 2–1/8 Deep, Drawn (Screws supplied with cover, catalog number 8487P)**	2-1/8	42.0	(4) 1/2" (6) 3/4"	—	(3) 1/2" (2) 3/4"	48.99 (108.0)	**4SPJD**

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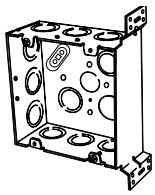
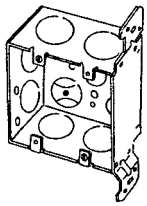
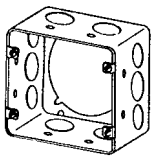
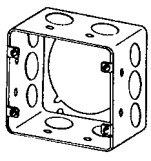
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Outlet and Switch Boxes

4-11/16" Square Boxes and Extension Rings

With Knockouts

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
4-11/16" Square Boxes								
 **2–1/8" Deep, Welded Offset vertical bracket flush with front of box**		2-1/8	42.0	(9) Eccentric KO	—	(1) 1/2" (1) 3/4" (2) Eccentric KO	56.25 (124.0)	**4SJD-EK-VB**
 **2–1/8" Deep, Welded Offset vertical bracket flush with front of box**		2-1/8	42.0	(6) 1"	—	(2) 1/2" (2) 3/4"	56.25 (124.0)	**4SJD-1-VB**
4-11/16" Square Box Extension Rings								
 **2–1/8" Deep, Drawn 8–32 tapped holes and slide–on screw slots in bottom**		2-1/8	42.0	(4) 1/2" (6) 3/4"	—	—	29.94 (66.0)	**4SJDE-1/2-3/4**
	Red Box Option	2-1/8	42.0	(4) 1/2" (6) 3/4"	—	—	29.94 (66.0)	**4SJDE-1/2-3/4RD** ①
 **2–1/8" Deep, Drawn 8–32 tapped holes and slide–on screw slots in bottom**		2-1/8	42.0	(8) 1"	—	—	29.94 (66.0)	**4SJDE-1**

① *For fire alarm circuits. Red powder coat finish.*

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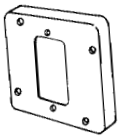
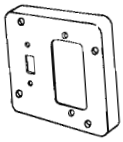
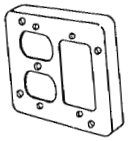
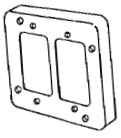
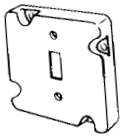
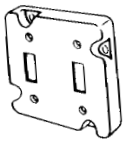
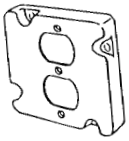
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Outlet and Switch Boxes

4-11/16" Square Covers

Raised Surface

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	10.0	One GFCI Device	22.68 (50.0)	**8484**
 **1/2" Raised**	1/2	10.0	One Toggle Switch, One GFCI Device	22.68 (50.0)	**8484A**
 **1/2" Raised**	1/2	10.0	One Duplex Receptacle, One GFCI Device ①	20.41 (45.0)	**8484BN**
 **1/2" Raised**	1/2	10.0	Two GFCI Device or Decora Switches	20.41 (45.0)	**8484N**
 **1/2" Raised**	1/2	10.0	One Toggle Switch	24.49 (54.0)	**8489**
 **1/2" Raised**	1/2	10.0	Two Toggle Switches	24.49 (54.0)	**8490**
 **1/2" Raised**	1/2	10.0	One Duplex Receptacle ①	22.68 (50.0)	**8491N**
 **1/2" Raised**	1/2	10.0	Blank	24.95 (55.0)	**8495**

① *Extra mounting screws and nuts provided.*

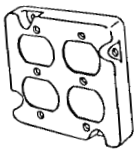
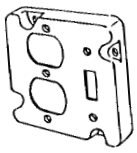
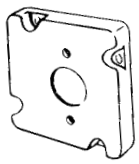
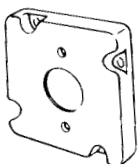
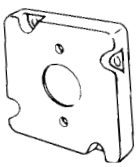
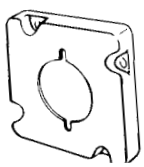
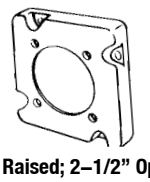
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Outlet and Switch Boxes

4-11/16" Square Covers

Raised Surface

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/2" Raised**	1/2	10.0	Two Duplex Receptacles ①	20.41 (45.0)	**8492N**
 **1/2" Raised**	1/2	10.0	One Toggle Switch, One Duplex Receptacle ①	22.68 (50.0)	**8493N**
 **1/2" Raised; 1–13/32" Opening**	1/2	10.0	Single Receptacle 1-13/32" D	24.49 (54.0)	**8494**
 **1/2" Raised; 1–19/32" Opening**	1/2	10.0	Single Receptacle 1-19/32" D	24.49 (54.0)	**8496**
 **1/2" Raised; 1–3/4" Opening**	1/2	10.0	Twist Lock Receptacle 1-3/4" D	23.13 (51.0)	**8497**
 **1/2" Raised; 2–5/32" Opening**	1/2	10.0	Single Receptacle 2-5/32" D	24.49 (54.0)	**8498**
 **1/2" Raised; 2–1/2" Opening**	1/2	10.0	Single Receptacle 2-1/2" D	24.49 (54.0)	**8499**

① *Extra mounting screws and nuts provided.*

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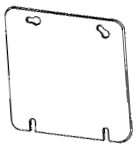
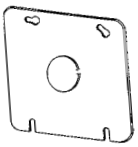
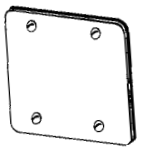
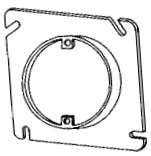
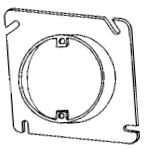
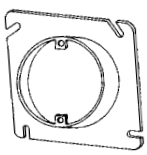
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Outlet and Switch Boxes

4-11/16" Square Covers

Flat and Single - Ceiling Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
Flat						
		Flat	—	Blank	19.05 (42.0)	**8487** (72CI)
	Red Box Option	Flat	—	Blank	19.05 (42.0)	**8487RD** ①
		Flat	—	One 1/2" Knockout	19.50 (43.0)	**8487K** (72C6)
		Flat	—	Blank Plenum Box Cover Gasketed with Four Captive Screws	21.77 (48.0)	**8487P**
Single Device						
 **1/2" Raised**		1/2	3.0	Ears 2-3/4" C to C	16.33 (36.0)	**8488A**
 **5/8" Raised**		5/8	4.0	Ears 2-3/4" C to C	19.05 (42.0)	**8488B**
 **3/4" Raised**		3/4	5.0	Ears 2-3/4" C to C	21.77 (48.0)	**8488C**

① *For fire alarm circuits. Red powder coat finish.*

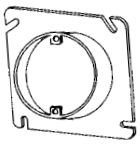
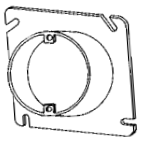
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Outlet and Switch Boxes

4-11/16" Square Covers

Single Device - Ceiling Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1" Raised**	1	7.0	Ears 2-3/4 C to C	27.22 (60.0)	**8488D**
 **1–1/4" Raised**	1-1/4	9.0	Ears 2-3/4 C to C	32.66 (72.0)	**8488E**

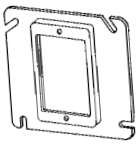
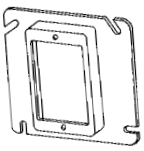
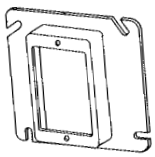
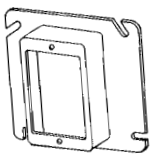
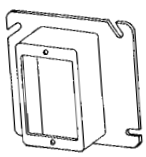
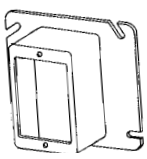
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Outlet and Switch Boxes

4-11/16" Square Covers

Single Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **1/4" Raised**	1/4	2.5	Single Device	15.42 (34.0)	**8485B**
 **1/2" Raised**	1/2	4.0	Single Device	17.24 (38.0)	**8485A** (72C13)
 **5/8" Raised**	5/8	4.8	Single Device	17.69 (39.0)	**8485C**
 **3/4" Raised**	3/4	5.5	Single Device	18.14 (40.0)	**8485** (72C14)
 **1" Raised**	1	6.3	Single Device	20.41 (45.0)	**8485D**
 **1–1/4" Raised**	1-1/4	8.0	Single Device	22.68 (50.0)	**8485E**

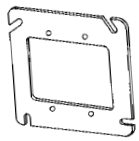
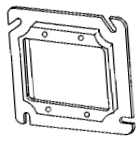
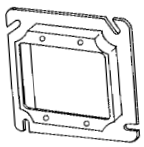
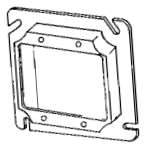
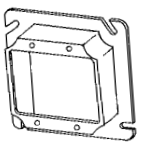
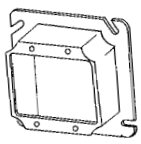
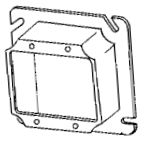
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Outlet and Switch Boxes

4-11/16" Square Covers

Double Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
 **Flat**	Flat	0.0	Double Devices	4.99 (11.0)	**8486F**
 **1/4" Raised**	1/4	2.8	Double Devices	5.44 (12.0)	**8486B**
 **1/2" Raised**	1/2	7.5	Double Devices	13.61 (30.0)	**8486A** (72C17)
 **5/8" Raised**	5/8	6.8	Double Devices	14.52 (32.0)	**8486C**
 **3/4" Raised**	3/4	8.5	Double Devices	16.33 (36.0)	**8486**
 **1" Raised**	1	11.3	Double Devices	18.14 (40.0)	**8486D**
 **1–1/4" Raised**	1-1/4	13.5	Double Devices	22.68 (50.0)	**8486E**

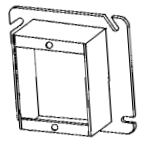
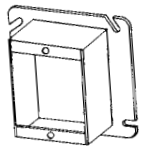
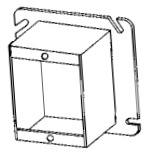
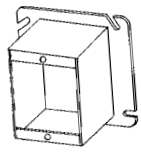
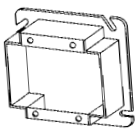
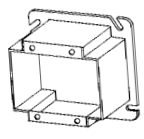
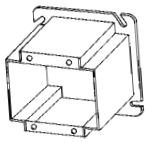
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Outlet and Switch Boxes

4-11/16" Square Tile Covers

Single Device and Double Device - Plaster Rings/Mud Rings

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
Single Device					
 **1" Raised**	1	6.8	Single Device	19.05 (42.0)	**856-100**
 **1–1/4" Raised**	1-1/4	9.5	Single Device	21.77 (48.0)	**856-125**
 **1–1/2" Raised**	1-1/2	11.3	Single Device	24.49 (54.0)	**856-150**
 **2" Raised**	2	15.0	Single Device	29.94 (66.0)	**856-200**
Double Device					
 **1" Raised**	1	12.5	Double Devices	18.14 (40.0)	**857-100**
 **1–1/2" Raised**	1-1/2	18.8	Double Devices	24.49 (54.0)	**857-150**
 **2" Raised**	2	24.5	Double Devices	31.75 (70.0)	**857-200**

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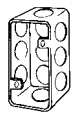
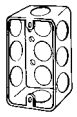
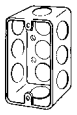
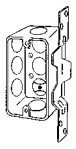
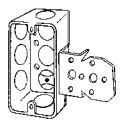
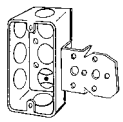
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Outlet and Switch Boxes

Handy Boxes

3-3/4" x 1-1/2" and 4" x 2-1/8" with Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
3-3/4" x 1-1/2" with Knockouts							
	1-1/2	7.0	(6) 1/2"	(2) 1/2"	(3) 1/2"	15.42 (34.0)	**4SS**
1–1/2" Deep, Drawn							
4" x 2-1/8" with Knockouts							
	1-1/4	9.5	(6) 1/2"	(2) 1/2"	(3) 1/2"	17.69 (39.0)	**4CSL-1/2** (58361-1/2)
1–1/4" Deep, Drawn							
	1-1/2	10.3	(6) 1/2"	(2) 1/2"	(3) 1/2"	20.87 (46.0)	**4SSLS-1/2** (58351-1/2)
1–1/2" Deep, Drawn							
	1-7/8	13.0	(6) 1/2"	(2) 1/2"	(2) 1/2"	23.59 (52.0)	**4CS-1/2** ① (58361-1/2)
1–7/8" Deep, Drawn							
	1-7/8	13.0	(4) 3/4"	(2) 3/4"	(1) 3/4"	22.23 (49.0)	**4CS-3/4** (58361-3/4)
1–7/8" Deep, Drawn							
	1-7/8	13.0	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	**4CSVB-1/2** (58361-V-1/2)
1–7/8" Deep, Drawn; Plain vertical bracket; Set back 5/8"							
	1-7/8	10.3	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	**4CS12NL-1/2**
1–7/8" Deep, Drawn; NL bracket; Set back 1/2"							
	1-7/8	10.3	(3) 1/2"	(2) 1/2"	(2) 1/2"	29.48 (65.0)	**4CS12NL-5/8**
1–7/8" Deep, Drawn; NL bracket; Set back 5/8"							

① *Add suffix* **-C** *for CSA Certification.*

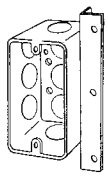
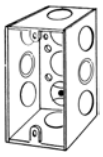
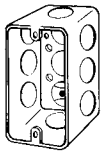
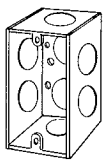
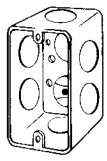
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Outlet and Switch Boxes

Handy Boxes

4" x 2-1/8" with Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
 **1–7/8" Deep, Drawn; Plain vertical angle; Bracket set back 5/8"**	1-7/8	13.0	(3) 1/2"	(2) 1/2"	(3) 1/2"	29.94 (66.0)	**4CSX-1/2PL** (58361-A-1/2)
 **2–1/8" Deep, Welded**	2-1/8	14.5	(4) 1/2" (2) Eccentric KO	(2) 1/2"	(2) 1/2"	24.49 (54.0)	**4SSL-EK** (58371-1/2)
 **2–1/8" Deep, Drawn**	2-1/8	14.5	(6) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	**4SSL1/2-DR** (58371-1/2)
 **2–1/8" Deep, Welded**	2-1/8	14.5	(4) 3/4"	(2) 3/4"	(2) 3/4"	24.49 (54.0)	**4SSL-3/4** (58371-3/4)
 **2–1/8" Deep, Drawn**	2-1/8	14.5	(4) 3/4"	(2) 3/4"	(1) 3/4"	24.49 (54.0)	**4SSL3/4-DR** (58371-3/4)

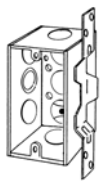
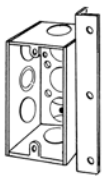
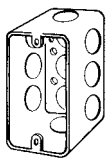
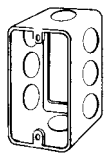
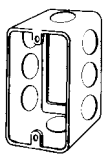
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Outlet and Switch Boxes

Handy Boxes and Extension Ring

4" x 2-1/8" with Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
4" x 2-1/8" - with Knockouts							
 **2–1/8" Deep, Welded Plain vertical bracket set back 3/4"**	2-1/8	14.5	(2) 1/2" (1) Eccentric	(2) 1/2"	(2) 1/2"	33.57 (74.0)	**4SSLVB-EK** (58371-F1/2)
 **2–1/8" Deep, Welded Plain vertical angle bracket set back 5/8"**	2-1/8	14.5	(2) 1/2" (1) Eccentric	(2) 1/2"	(2) 1/2"	32.21 (71.0)	**4SSLX-EKPL**
 **2–1/2" Deep, Drawn**	2-1/2	18.3	(6) 1/2"	(2) 1/2"	(3) 1/2"	28.58 (63.0)	**4SSLD-1/2** (58351-1/2)
Extension Ring for 4" x 2-1/8" Handy Box with Knockouts							
 **1–1/2" Deep, Drawn**	1-1/2	10.3	(6) 1/2"	(2) 1/2"	— With Slide on	16.33 (36.0)	**4SSLE-1/2** (59351)
 **1–7/8" Deep, Drawn**	1-7/8	13.0	(6) 1/2"	(2) 1/2"	— With Slide on	21.77 (48.0)	**4CSE1/2** (59361-1/2)

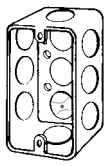
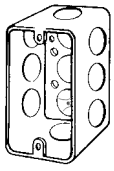
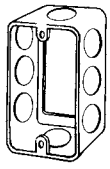
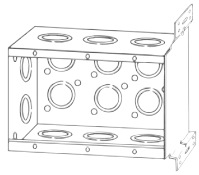
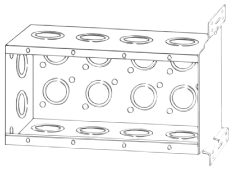
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Outlet and Switch Boxes

Handy Boxes and Extension Rings

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
4-1/8" x 2-3/8" with Knockouts							
 **1–3/4" Deep, Drawn**	1-3/4	15	(6) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	**180-1/2** (68361-1/2)
 **2–1/4" Deep, Drawn**	2-1/4	18.3	(6) 1/2"	(2) 1/2"	(2) 1/2"	27.22 (60.0)	**181-1/2** (68371-1/2)
Extension Ring for 4-1/8" x 2-3/8" Handy Box with Knockouts							
 **1–1/2" Deep, Drawn**	1-1/2	13.5	(6) 1/2"	(2) 1/2"	— With Slide on	17.69 (39.0)	**184E** (69351)
4" Solid Gang with Knockouts							
 **2–1/2" Deep, Welded; Three Gang 5–7/16" Wide; Plain offset side combination bracket set back 1/2"**	2-1/2	46.5	(2) Concentric KO	(6) Concentric KO	(6) Concentric KO	67.59 (149.0)	**133APFB-1/2**
 **2–1/2" Deep, Welded; Four Gang 7–3/8" Wide; Plain offset side combination bracket set back 1/2"**	2-1/2	67	(2) Concentric KO	(8) Concentric KO	(8) Concentric KO	78.02 (172.0)	**134APFB-1/2**

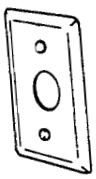
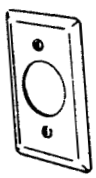
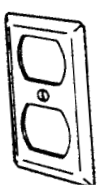
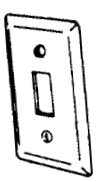
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Outlet and Switch Boxes

Handy Box Covers

For 3-3/4" x 1-1/2" and 4" x 2-1/8" Boxes

NEC:
Listed for Ordinary Locations

	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
For 3-3/4" x 1-1/2" 4SS Box			
	Blank	5.44 (12.0)	**2520** (48C1)
For 4" x 2-1/8" Boxes			
	Blank	4.99 (11.0)	**2540** (58C1)
	One 1/2" Knockout	8.16 (18.0)	**2555** (58C6)
	Single Receptacle 1-19/32" D	4.54 (10.0)	**2538** (58C4)
	Single Receptacle 1-13/32" D	4.54 (10.0)	**2539** (58C5)
	Duplex Receptacle	3.63 (8.0)	**2510** (58C7)
	One Toggle Switch	4.54 (10.0)	**2594** (58C30)

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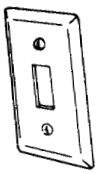
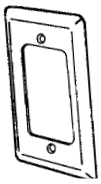
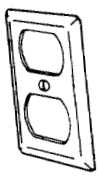
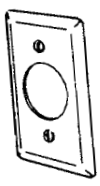
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Outlet and Switch Boxes

Handy Box Covers

4-1/8" x 2-3/8" Boxes

NEC:
Listed for Ordinary Locations

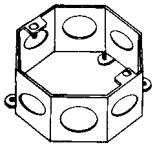
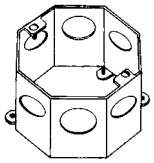
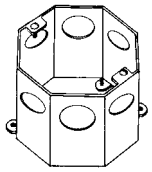
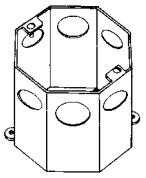
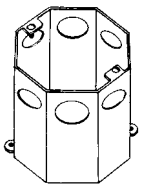
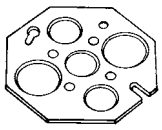
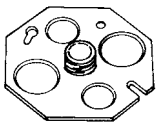
	Description	Weight per 100 kg (lb)	Catalog Number (Universal No.)
	Blank	5.89 (13.0)	**180A** (68C-1)
	One Toggle Switch	5.44 (12.0)	**180T** (68C-30)
	GFI Receptacle	4.08 (9.0)	**180G**
	Duplex Receptacle	4.08 (9.0)	**180W** (68C-7)
	Single Receptacle 1-13/32" D	4.54 (10.0)	**180X** (68C-5)

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Outlet and Switch Boxes

4” Octagon Concrete Boxes and Back Plates

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
			Sides	Ends	Bottom		
4" Octagon Concrete Boxes with 1/2” and 3/4” Single Row Knockouts ①							
	2	25.0	(4) 1/2” (4) 3/4”	—	—	23.59 (52.0)	**OCR2** (54531)
	2-1/2	31.0	(4) 1/2” (4) 3/4”	—	—	31.75 (70.0)	**OCR2-1/2** (54541)
	3	37.0	(4) 1/2” (4) 3/4”	—	—	37.65 (83.0)	**OCR3** (54551)
	3-1/2	43.0	(4) 1/2” (4) 3/4”	—	—	45.36 (100.0)	**OCR3-1/2** (54561)
	4	49.0	(4) 1/2” (4) 3/4”	—	—	51.26 (113.0)	**OCR4** (54571)
4" Octagon Back Plate, No Stud ②							
	Flat	—	—	—	(3) 1/2” (2) 3/4”	13.61 (30.0)	**OCP** (54712)
4" Octagon Back Plate, with 3/8" Fixture Stud ②							
	Flat	—	—	—	(2) 1/2” (2) 3/4”	13.15 (29.0)	**OCP-3/8** (54717)

① *Not rated for ceiling fan usage.*
② *Rings furnished with screws for back plates. Back plate mounting holes are designed to slide onto ring screws.*

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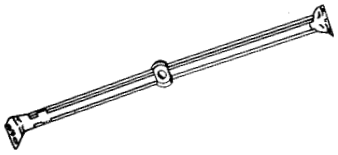
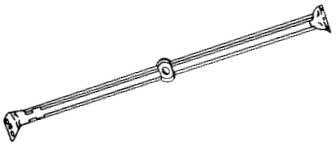
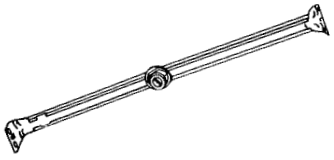
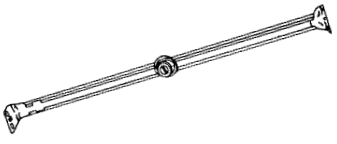
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Outlet and Switch Boxes

Adjustable Bar Hangers

With Slide-on Clip and with Slide-on Stud

NEC:
Listed for Ordinary Locations

	Description	Weight per 100 kg (lb)	Catalog Number
With Slide-on Clip ①			
	Use between 14”, 16”, 18” and 20” joists	15.42 (34.0)	**SX18**
	Use between 18”, 20”, 22”, 24” and 26” joists OC	22.68 (50.0)	**SX26**
With Slide-on Stud			
	Use between 14”, 16”, 18” and 20” joists OC	19.05 (42.0)	**SX115**
	Use between 18”, 20”, 22”, 24” and 26” joists OC	23.59 (52.0)	**SX160**

① *Not rated for ceiling fan usage.*

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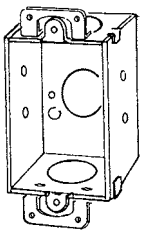
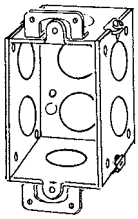
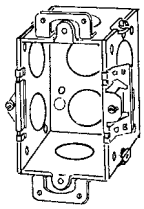
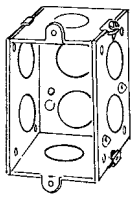
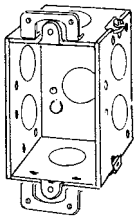
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
	1-1/2	7.5	—	(2) 1/2"	(1) 1/2"	18.14 (40.0)	**94** ①
1–1/2" Deep, Welded; Plaster ears							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	23.13 (51.0)	**111** ①
2" Deep, Gangable; Plaster ears							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	24.49 (54.0)	**111HB** ①
2" Deep, Gangable; "Loxbox" support on each side; Plaster ears							
	2	10	(4) 1/2"	(2) 1/2"	(2) 1/2"	21.32 (47.0)	**111LE**
2" Deep, Gangable; Four nail holes, each side; side leveling bosses							
	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	26.31 (58.0)	**222** ①
2–1/2" Deep, Gangable; Plaster ears							

① *Plaster ears support GFCI and decorative cover plates.*

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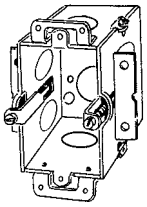
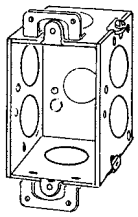
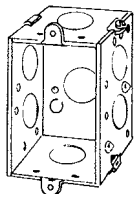
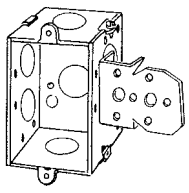
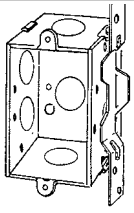
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 **2–1/2" Deep, Gangable Old work –support clamps Plaster ears**	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	30.84 (68.0)	**222-OW** ①
 **2–1/2" Deep, Gangable; Plaster ears**	2-1/2	12.5	(4) 3/4"	(2) 3/4"	(1) 1/2"	26.31 (58.0)	**225** ①
 **2–1/2" Deep, Gangable; Four nail holes,each side; Side leveling bosses**	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	25.40 (56.0)	**222LE**
 **2–1/2" Deep, Gangable Stud NL bracket set back 1/2"**	2-1/2	12.5	(4) 1/2"	(2) 1/2"	(1) 1/2"	29.94 (66.0)	**222NL**
 **2–1/2" Deep, Gangable; Plain vertical bracket set back 3/4"**	2-1/2	12.5	(2) 1/2"	(2) 1/2"	(1) 1/2"	27.22 (60.0)	**222VB-PL**

① *Plaster ears support GFCI and decorative cover plates.*

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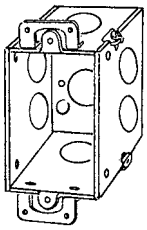
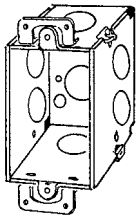
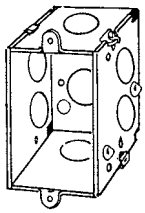
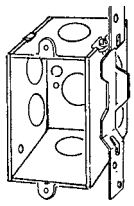
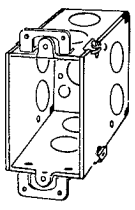
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
	2-3/4	14.0	(4) 1/2"	(2) 1/2"	(1) 1/2"	28.58 (63.0)	**333** ①
2–3/4" Deep, Gangable; Plaster ears							
	2-3/4	14.0	(4) 3/4"	(2) 3/4"	(1) 1/2"	29.03 (64.0)	**335** ①
2–3/4" Deep, Gangable Plaster ears							
	2-3/4	14.0	(4) 1/2"	(2) 1/2"	(1) 1/2"	27.22 (60.0)	**333LE**
2–3/4" Deep, Gangable; Two nail holes each side; side leveling bosses							
	2-3/4	14.0	(2) 1/2"	(2) 1/2"	(1) 1/2"	30.40 (67.0)	**333VB**
2–3/4" Deep, Gangable; Plain vertical bracket set back 3/4"							
	3-1/2	14.0	(4) 1/2"	(4) 1/2"	(1) 1/2"	34.93 (77.0)	**333D** ①
3–1/2" Deep, Gangable; Plaster ears							

① *Plaster ears support GFCI and decorative cover plates.*

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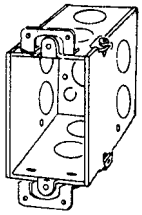
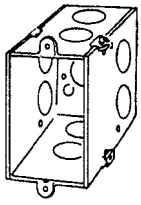
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
	3-1/2	18.0	(4) 3/4"	(4) 3/4"	(1) 1/2"	35.38 (78.0)	**336** ①
3–1/2" Deep, Gangable; Plaster ears							
	3-1/2	18.0	(4) 1/2"	(4) 1/2"	(1) 1/2"	33.57 (74.0)	**333D-LE**
3–1/2" Deep, Gangable; Two nail holes each side							

① *Plaster ears support GFCI and decorative cover plates.*

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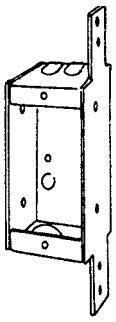
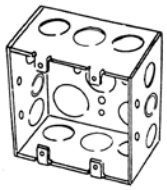
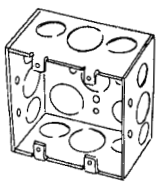
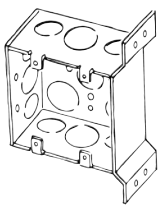
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Outlet and Switch Boxes

3-3/4" x 2" and 4" Square Corner Switch Boxes

With Knockouts

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
3-3/4" x 2" Square Corner Switch Box							
 **1" Deep, Welded; Plain flat vertical bracket perfect for remodeling**	1	6.5	—	(1) 1/2" (2) 21/32"	—	16.78 (37.0)	**SB1**
4" Square Corner Switch Boxes							
 **2–1/8" Deep, Welded; Two gang**	2 1/8	30.3	(4) 1/2" (2) Eccentric	(6) 1/2"	(5) 1/2"	39.92 (88.0)	**132APEK**
 **2–1/8" Deep, Welded; Two gang**	2 1/8	30.3	(4) 1/2" (2) 3/4"	(4) 1/2" (2) 3/4"	(3) 1/2" (2) 3/4"	39.92 (88.0)	**132AP-SPL**
 **2–1/8" Deep, Welded; Two gang plain vertical bracket**	2 1/8	30.3	(2) 1/2" (1) 3/4"	(2) 1/2" (4) 3/4"	(3) 1/2" (2) 3/4"	45.36 (100.0)	**132APFB-SPL**

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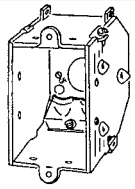
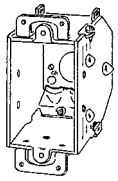
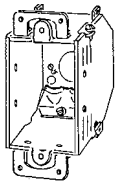
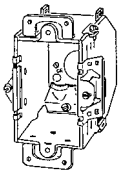
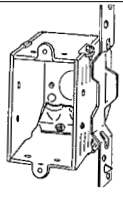
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Outlet and Switch Boxes

3" x 2" Bevel Corner Switch Boxes 2-1/4" Deep

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **2–1/4" Deep, Gangable; External nail brackets; Leveling bosses**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	23.59 (52.0)	**388LE-OR-44LE**
 **2–1/4" Deep, Gangable; external nail brackets; leveling bosses; Plaster ears**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	**388LR-OR-44LR** ①
 **2–1/4" Deep, Gangable; External nail brackets; Plaster ears**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	**388-OR-44** ①
 **2–1/4" Deep, Gangable; "Loxbox" support; welded on each side; Plaster ears**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	27.22 (60.0)	**388HB** ①
 **2–1/4" Deep, Gangable Plain vertical bracket set back 3/4"**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	29.03 (64.0)	**388VB-OR-44VB**

① *Plaster ears support GFCI and decorative cover plates.*

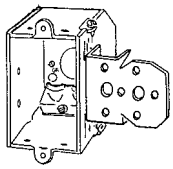
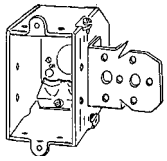
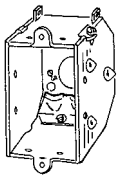
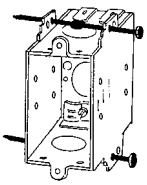
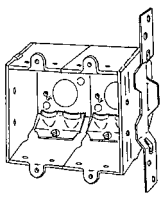
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Outlet and Switch Boxes

3" x 2" Bevel Corner Switch Boxes 2-1/4" Deep

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **2–1/4" Deep, Gangable; Stud NL bracket; Set back 1/4"**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	28.12 (62.0)	**388DW**
 **2–1/4" Deep, Gangable; Stud NL bracket; Set back 1/2"**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	28.12 (62.0)	**388NL-OR-44NL**
 **2–1/4" Deep, Gangable, Welded; External nail brackets; Leveling bosses**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	23.59 (52.0)	**388LES**
 **2–1/4" Deep, Welded; Two 16 penny nails in external brackets leveling bosses**	2-1/4	10.5	CL-20	—	(4) 21/32"	(1) 1/2"	25.40 (56.0)	**388LESN**
 **2–1/4" Deep, Welded; Plain vertical bracket set back 3/4"**	2-1/4	21.0	CL-20	—	(8) 21/32"	(2) 1/2"	38.10 (84.0)	**388VB-PL2G**

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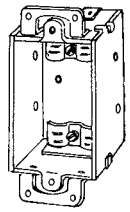
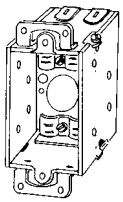
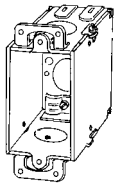
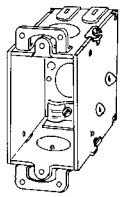
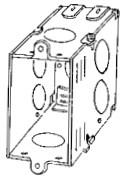
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number (Universal No.)
				Sides	Ends	Bottom		
 **1–1/2" Deep, Welded; Plaster ears** ①	1-1/2	7.5	CL-26	—	(4) 21/32"	—	19.96 (44.0)	**95**
 **2" Deep, Gangable; Plaster ears** ①	2	10.0	CL-26	—	(4) 21/32"	(1) 1/2"	24.04 (53.0)	**383** ①
 **2–1/2" Deep, Gangable; Plaster ears** ①	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.12 (62.0)	**384** ①
 **2–1/2" Deep, Gangable; Leveling bosses; Plaster ears**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.58 (63.0)	**384LR** ①
 **2–1/2" Deep, Gangable; Two nail holes each side; Leveling bosses**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	27.22 (60.0)	**384LE**

① *Plaster ears support GFCI and decorative cover plates.*

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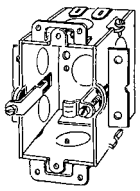
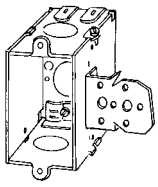
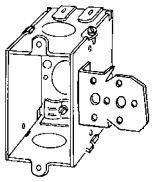
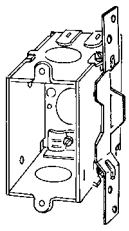
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **2–1/2" Deep, Gangable; Old work support clamps; Plaster ears**	2-1/2	12.5	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	30.84 (68.0)	**384-OW** ①
 **2–1/2" Deep, Gangable Stud NL bracket; Set back 1/2"**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	31.75 (70.0)	**384NL**
 **2–1/2" Deep, Gangable Stud NL bracket; Set back 1/4"**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	**384DW-PL**
 **2–1/2" Deep, Gangable bracket; Set back 3/4"**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	28.58 (63.0)	**384VB-PL**

① *Plaster ears support GFCI and decorative cover plates.*

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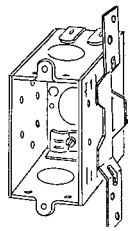
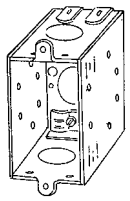
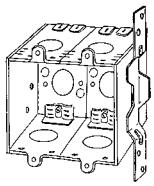
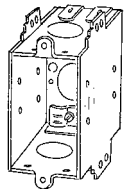
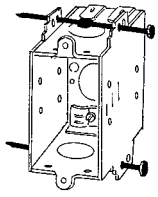
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **2–1/2" Deep, Non–Gangable, Welded; Plain vertical bracket; Set back 3/4"**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.94 (66.0)	**384LES-VB**
 **2–1/2" Deep, Non–Gangable, Welded; Four nail holes; Each side**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	27.67 (61.0)	**384LES**
 **2–1/2" deep, Non–Gangable, Assembly welded; Plain vertical bracket; Set back 3/4"**	2-1/2	25.0	CL-26	—	(2) 1/2" (8) 21/32"	(2) 1/2"	43.99 (97.0)	**384VB-PL2G**
 **2–1/2" Deep, Non–Gangable, Welded; External nail brackets**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.03 (64.0)	**385-LES**
 **2–1/2" Deep, Non–Gangable, Welded; Two 16 penny nails in side**	2-1/2	12.5	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	30.39 (67.0)	**385-LESN**

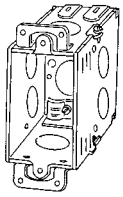
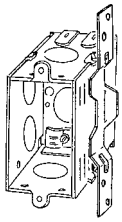
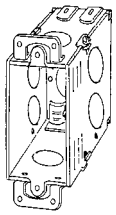
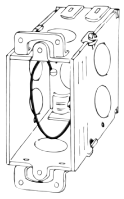
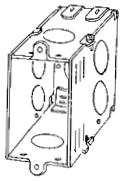
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
					Sides	Ends	Bottom		
 **2–3/4" Deep, Gangable; Plaster ears**		2-3/4	14.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	30.84 (68.0)	**389** ①
 **2–3/4" Deep, Deep, Gangable; Plain vertical bracket; Set back 3/4"**		2-3/4	14.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.21 (71.0)	**389VB**
 **3–1/2" Deep, Gangable Two nail holes each side; Plaster ears**		3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	37.19 (82.0)	**384D** ①
 **3–1/2" Deep, Gangable Two nail holes each side; Plaster ears**	With Green Ground Wire	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	37.19 (82.0)	**384DP** ②
 **3–1/2" Deep, Gangable; Two nail holes each side**		3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	**384DLE**

① *Plaster ears support GFCI and decorative cover plates.*
② *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

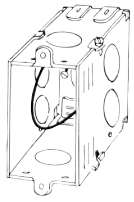
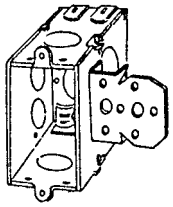
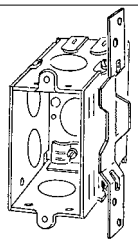
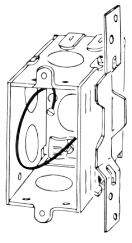
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Outlet and Switch Boxes

3" x 2" Square and Corner Switch Boxes

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
					Sides	Ends	Bottom		
3" x 2" Square Corner Switch Box - With Nonmetallic Sheathed Cable Clamp									
 **3–1/2" Deep, Gangable Two nail holes each side**	With Green Ground Wire	3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	**384DLEP** ①
3" x 2" Corner Switch Box - With Knockouts									
 **3–1/2" Deep, Gangable; Stud NL bracket; Set back 1/2"**		3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.46 (87.0)	**384D-NL**
 **3–1/2" Deep, Gangable; Plain vertical bracket; Set back 3/4"**		3-1/2	18.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32""	(1) 1/2"	39.01 (86.0)	**384D-VBPL**
 **3–1/2" Deep, Gangable; Plain vertical bracket set back 3/4"**	With Green Ground Wire	3-1/2	18.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	**384D-VBPLP** ①

① Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.

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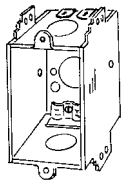
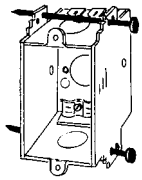
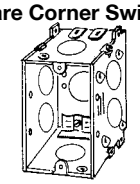
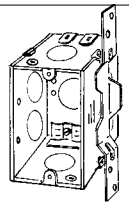
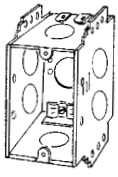
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Outlet and Switch Boxes

Square Corner Switch Boxes

With Nonmetallic Sheathed Cable Clamps

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
3" x 2-1/8" Square Corner Switch Boxes								
 **2–7/8" Deep, Non–Gangable, Welded; External nail brackets**	2-7/8	16.0	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	29.94 (66.0)	**16LES**
 **2–7/8" Deep, Non–Gangable, Welded; Two 16 penny nails in side**	2-7/8	16.0	CL-26	—	(2) 1/2" (4) 21/32"	(1) 1/2"	31.30 (69.0)	**16LESN**
3-3/4" x 2" Square Corner Switch Boxes								
 **2–1/2" Deep, Gangable; Patented raised ground screw hole, external nail brackets, leveling bosses**	2-1/2	16.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	15.88 (35.0)	**16LE**
 **2–1/2" Deep, Gangable; Patented raised ground screw hole; Bracket set back 3/4**	2-1/2	16.0	CL-26	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	18.14 (40.0)	**16LE-VB**
 **2–7/8" Deep, Non–Gangable, Welded; External nail brackets**	2-7/8	16.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	50.80 (112.0)	**18LES**

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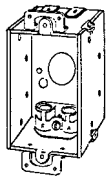
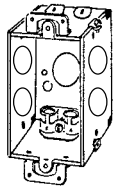
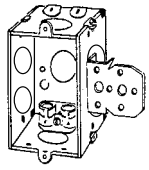
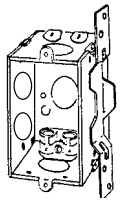
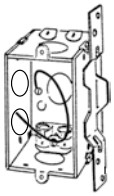
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Clamps for Armored Cable (AC); Metal Clad Cable (MCI, MCI-A, MCS, MCC); Flexible Metal Conduit (FMC)

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
					Sides	Ends	Bottom		
 **2" Deep, Gangable; Plaster ears**		2	10.7	(2) CL-13	—	(4) 21/32"	(1) 1/2"	24.95 (55.0)	**171F** ①
 **2–1/2" Deep, Gangable; Adjustable plaster ears**		2-1/2	12.5	(2) CL-13	(4) 1/2"	(4) 21/32"	(1) 1/2"	28.58 (63.0)	**173F** ①
 **2–1/2" Deep, Gangable; NL bracket set back 1/2"**		2-1/2	12.5	(2) CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	31.75 (70.0)	**173FNL**
 **2–1/2" Deep, Gangable; Plain vertical bracket set back 3/4"**		2-1/2	12.5	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	**173FVB**
 **2–1/2" Deep, Gangable; Plain vertical bracket set back 3/4"**	With Green Ground Wire	2-1/2	12.5	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	**173FVBP** ②

① *Plaster ears support GFCI and decorative cover plates.*
② *Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire.*

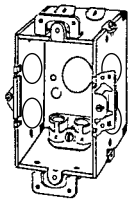
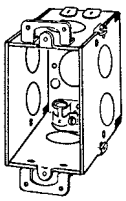
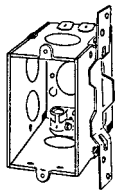
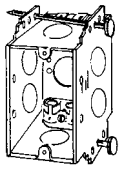
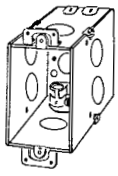
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Clamps for Armored Cable (AC); Metal Clad Cable (MCI, MCI-A, MCS, MCC); Flexible Metal Conduit (FMC)

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **2–1/2" Deep, Gangable; Lox Box™ supports; Adjustable plaster ears**	2-1/2	12.5	(2) CL-13	(4) 1/2"	(4) 21/32"	(1) 1/2"	28.58 (63.0)	**173FHB** ①
 **2–3/4" Deep, Gangable; Plaster ears**	2-3/4	14.0	(2) CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	31.75 (70.0)	**174F** ①
 **2–3/4" Deep, Gangable; Plain vertical bracket set back 3/4"**	2-3/4	14.0	(2) CL-13	(2) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	32.66 (72.0)	**174FVB-PL**
 **2–2–7/8" Deep, Welded; Two 16 penny nails in external brackets**	2-7/8	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	52.16 (115.0)	**18LESNX**
 **3–1/2" Deep, Gangable; Plaster ears**	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	**175F** ①

① *Plaster ears support GFCI and decorative cover plates.*

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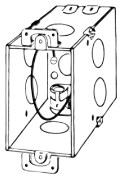
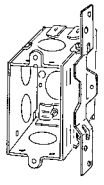
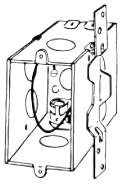
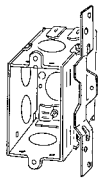
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Outlet and Switch Boxes

3" x 2" Square Corner Switch Boxes

With Armored Cable (AC)/Metal Clad Cable (MCI, MCI-A, MCC)/ Flexible Metal Conduit Clamps

NEC:
Listed for Ordinary Locations

		Depth (Inches)	Wiring Cubic Inch Capacity	Type Clamp	Knockout Description			Weight per 100 kg (lb)	Catalog Number
					Sides	Ends	Bottom		
 **3–1/2" Deep, Gangable; Plaster ears**	With Green Ground Wire	3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	35.83 (79.0)	**175FP** ①②
 **3–1/2" Deep, Gangable; Plain vertical bracket set back 7/8"**		3-1/2	18.0	CL-26	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	**175N1**
 **3–1/2" Deep, Gangable; Plain vertical bracket set back 3/4"**		3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	**175FVB**
 **3–1/2" Deep, Gangable; Plain vertical bracket set back 7/8"**		3-1/2	18.0	CL-13	(4) 1/2"	(2) 1/2" (4) 21/32"	(1) 1/2"	39.01 (86.0)	**175N2**

① Plaster ears support GFCI and decorative cover plates.
② Provided with green ground screw and 8" long No. 12 AWG solid, insulated green ground wire

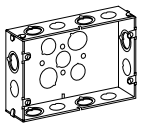
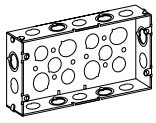
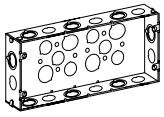
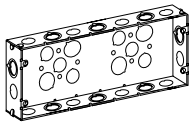
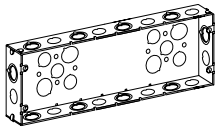
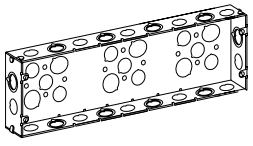
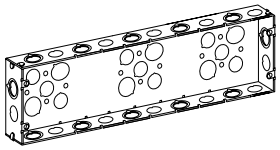
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Outlet and Switch Boxes

Multigang Switch Boxes

1-7/8" Deep with Knockouts

NEC:
Listed for Ordinary Locations

	Dimensions W x H	Wiring Cubic Inch Capacity	No. of Gangs	Knockout Description			Weight per 100 kg (lb)	Catalog Number
				Sides	Ends	Bottom		
 **Two Gang 6–13/16" Wide, Welded**	6-7/8" x 4-9/16"	56.3	2	(4) 1/2" (4) Eccentric	(2) 1/2" (2) Eccentric	(3) 1/2" (2) 3/4"	53.07 (117.0)	**2G5075S**
 **Three Gang 8–5/8" Wide, Welded**	8-3/4" x 4-9/16"	65.0	3	(6) 1/2" (4) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	69.85 (154.0)	**3G5075S**
 **Four Gang 10–9/16" Wide, Welded**	10-9/16" x 4-9/16"	80.0	4	(6) 1/2" (6) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	82.55 (182.0)	**4G5075S**
 **Five Gang 12–15/16" Wide, Welded**	12-5/16" x 4-9/16"	94.8	5	(8) 1/2" (6) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	92.98 (205.0)	**5G5075S**
 **Six Gang 14–1/8" Wide, Welded**	14-1/8" x 4-9/16"	111.1	6	(8) 1/2" (8) Eccentric	(2) 1/2" (2) Eccentric	(6) 1/2" (4) 3/4"	103.19 (227.5)	**6G5075S**
 **Seven Gang 15–15/16" Wide, Welded**	15-5/16" x 4-9/16"	127.0	7	(10) 1/2" (8) Eccentric	(2) 1/2" (2) Eccentric	(9) 1/2" (6) 3/4"	131.54 (290.0)	**7G5075S**
 **Eight Gang 17–3/4" Wide, Welded**	17-3/4" x 4-9/16"	142.1	8	(10) 1/2" (10) Eccentric	(2) 1/2" (2) Eccentric	(9) 1/2" (6) 3/4"	115.67 (255.0)	**8G5075S**

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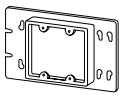
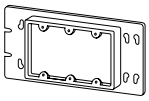
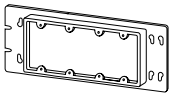
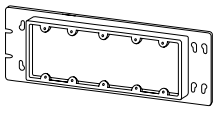
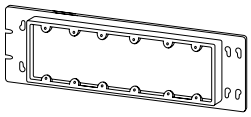
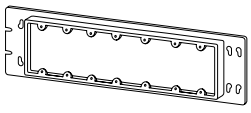
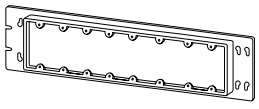
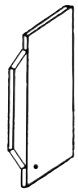
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Outlet and Switch Boxes

Multigang Switch Box Covers

3/4" Raised Device Covers

NEC:
Listed for Ordinary Locations

	Dimensions W x H	Wiring Cubic Inch Capacity	No. of Gangs	Weight per 100 kg (lb)	Catalog Number ①
 **Two Gang, 7–1/16" Wide**	6-7/8" x 4-9/16"	9.1	2	25.85 (57.0)	**2GC75N**
 **Three Gang, 8–7/8" Wide**	8-3/4" x 4-9/16"	14.9	3	31.75 (70.0)	**3GC75N**
 **Four Gang, 10–9/16" Wide**	10-9/16" x 4-9/16"	21.0	4	34.47 (76.0)	**4GC75N**
 **Five Gang, 12–5/16" Wide**	12-5/16" x 4-9/16"	25.5	5	37.65 (83.0)	**5GC75N**
 **Six Gang, 14–1/8" Wide**	14-1/8" x 4-9/16"	30.8	6	41.73 (92.0)	**6GC75N**
 **Seven Gang, 15–15/16" Wide**	15-5/16" x 4-9/16"	36.1	7	45.36 (100.0)	**7GC75N**
 **Eight Gang, 17–3/4" Wide**	17-3/4" x 4-9/16"	41.1	8	52.16 (115.0)	**8GC75N**
Low Voltage Partition for Multigang Switch Boxes					
	1-7/8" Partition for use with 3/4" raised covers			7.48 (16.5)	**LVP-1N**

① *Device covers will also fit the next smaller size box.*

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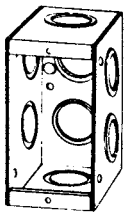
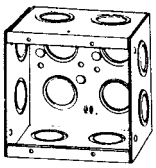
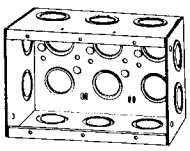
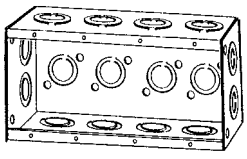
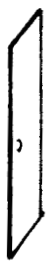
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Outlet and Switch Boxes

Masonry Boxes

2-1/2" Deep x 3-3/4" High With Concentric Knockouts (Non-Gangable)

NEC:
Listed for Ordinary Locations

	Width (Inches)	Wiring Cubic Inch Capacity	Concentric Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 **1–13/16" Wide, Welded, Single gang**	1-13/16	15.5	(4) 1/2" – 3/4"	(2) 1/2" – 3/4"	(2) 1/2" – 3/4"	29.94 (66.0)	**M1-250**
 **3–5/8" Wide, Welded, Two gang**	3-5/8	31.0	(4) 1/2" – 3/4"	(4) 1/2" – 3/4"	(4) 1/2" – 3/4"	52.62 (116.0)	**M2-250**
 **5–7/16" Wide, Welded; Three gang**	5-7/16	46.5	(4) 1/2" – 3/4"	(6) 1/2" – 3/4"	(6) 1/2" – 3/4"	63.50 (140.0)	**M3-250**
 **7–3/8" Wide, Welded, Four gang**	7-3/8	67.0	(4) 1/2" – 3/4"	(8) 1/2" – 3/4"	(4) 1/2" – 3/4"	72.57 (160.0)	**M4-250**
Low Voltage Partitions 		0.0	For 2-1/2" 2- and 3-Gang Masonry Boxes			7.26 (16.0)	**LVP-250**

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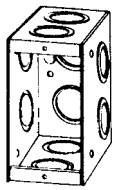
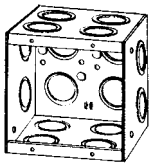
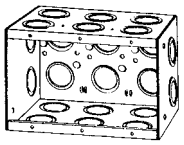
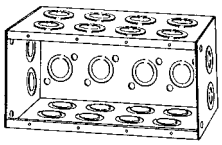
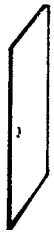
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Outlet and Switch Boxes

Masonry Boxes

3-1/2" Deep x 3-3/4" High with Concentric Knockouts (Non-Gangable)

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Knockout Description			Weight per 100 kg (lb)	Catalog Number
			Sides	Ends	Bottom		
 **1–13/16" Wide, Welded Single gang**	1-13/16	22.0	(4) 1/2" – 3/4"	(4) 1/2" – 3/4"	(2) 1/2" – 3/4"	39.01 (86.0)	**M1-350**
 **3–5/8" Wide, Welded Two gang**	3-5/8	44.0	(4) 1/2" – 3/4"	(8) 1/2" – 3/4"	(4) 1/2" – 3/4"	57.15 (126.0)	**M2-350**
 **5–7/16" Wide, Welded Three gang**	5-7/16	66.0	(4) 1/2" – 3/4"	(12) 1/2" – 3/4"	(6) 1/2" – 3/4"	73.94 (163.0)	**M3-350**
	7-3/8	92.0	(4) 1/2" – 3/4"	(16) 1/2" – 3/4"	(4) 1/2" – 3/4"	90.72 (200.0)	**M4-350**
Low Voltage Partitions 		0.0	For 3-1/2" 2-, 3- and 4-Gang Masonry Boxes			10.89 (24.0)	**LVP-350**

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Knockout Blanks and Fixture Stems

NEC:
Listed for Ordinary Locations

Applications

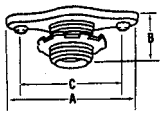
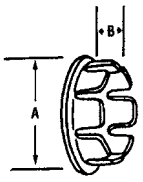
- Knockout blank: to close a knockout or sliphole in a sheet metal enclosure.
- Fixture stems: to suspend fixtures from threaded rods.

Material

- Blanks: steel
- Fixture stem: malleable iron

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- cUL Listed: E14817
- NEMA: FB-1

	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Appleton™ Catalog Number	O–Z/Gedney™ Catalog Number	
Open Type No Bolt Fixture Stems — Malleable Iron								
	3/8 Male	49.3 (1.94)	17.5 (0.69)	38.1 (1.50)	3.63 (8.00)	**NBFS-38**	—	
	3/8 Male 1/8 Female	49.3 (1.94)	17.5 (0.69)	38.1 (1.50)	3.63 (8.00)	**NBFS-38M**	—	
Snap-in Knockout Blanks — Steel ①								
	1/2	26.9 (1.06)	7.9 (0.31)	—	0.45 (1.00)	**S50**	**KO-50S**	
	3/4	31.8 (1.25)	7.9 (0.31)	—	0.91 (2.00)	**S75**	**KO-75S**	
	1	38.1 (1.50)	8.6 (0.34)	—	1.36 (3.00)	**S100**	**KO-100S**	
	1-1/4	46.0 (1.81)	7.9 (0.31)	—	1.45 (3.20)	**S125**	**KO-125S**	
	1-1/2	56.4 (2.22)	9.7 (0.38)	—	2.18 (4.80)	**S150**	**KO-150S**	
	2	68.3 (2.69)	9.7 (0.38)	—	2.72 (6.00)	**S200**	**KO-200S**	

① *Not UL Listed.*

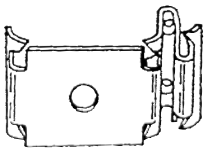
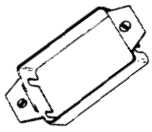
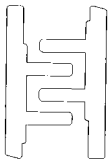
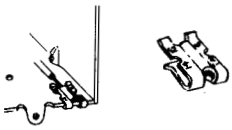
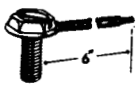
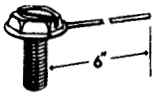
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Outlet and Switch Boxes

Outlet Box/Switch Box Accessories

NEC:
Listed for Ordinary Locations

	Depth (Inches)	Weight per 100 kg (lb)	Catalog Number
Outlet Box Metal Stud Clip			
	Mounts all types, sizes and depths of outlet boxes to any metal stud	2.68 (5.9)	**MSC-OBN**
Switch Box Extension			
	Fits all single gang switch boxes with 1/8" screws (7/8" depth; 4.5 cubic inch wiring capacity)	4.99 (11.0)	**1490**
Switch Box Supports			
	LOX BOX™ fits standard switch boxes (wall 1/4" minimum to 1-1/4" maximum)	1.18 (2.6)	**892**
	"E-Z-IN" wall 1/4" minimum to 1-1/4" maximum (sold in pairs)	1.18 (2.6)	**896** ①
Grounding Clip			
	For use with No. 14 or No. 12 nonmetallic sheathed cable having ground wire	0.18 (0.4)	**GR12**
Washer Head Grounding Screws and Pigtails			
	3/8" long – 10-32 thread green ground screw with 8" solid copper insulated green wire, No. 12 AWG wire pigtail	0.82 (1.80)	**SCR1032-PTL10C**
	3/8" long – 10-32 thread green ground screw with 10" solid copper bare wire, No. 14 AWG wire pigtail	0.54 (1.20)	**SCR1032-PTL10B**
	3/8" long – 10-32 thread green ground screw	0.23 (0.50)	**SCR1032**

① *Used in pairs, sold individually.*

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NEER™ Safety Plates and Switch Box Supports

NEC:
Rated for Ordinary Locations

NEC:
Rated for Ordinary Locations

NEC:
Rated for Ordinary Locations

SP: Safety Plates

Applications

- Installed over areas in wooden structures where cables are run to protect cable insulation from being damaged by protruding screws or nails.

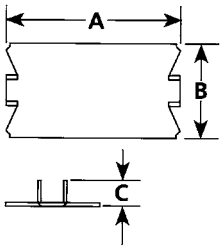
Standard Material

- Pre-galvanized steel



SP–100

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/16x1-1/2x2-/2	63.5 (2.50)	38.9 (1.53)	11.4 (0.45)	**SP-100**
1/16x1-1/2x2-1/2	63.5 (2.50)	38.9 (1.53)	11.4 (0.45)	**SP-150**

HI: Switch Box Supports

Applications

- To support attachment of boxes in drywall, paneling, etc., where there are no means of attaching the box to a mounting structure.

Feature

- Two are required per box.
- Sold in pairs.

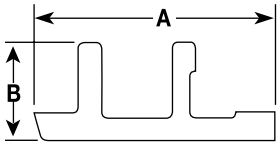
Standard Material

- Pre-galvanized steel



HI–102

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
—	129.8 (5.11)	57.2 (2.25)	**HI-102**

KO: Knockout Seals

Applications

- To close unused opening or knockout in sheet metal box, enclosure or cabinet.

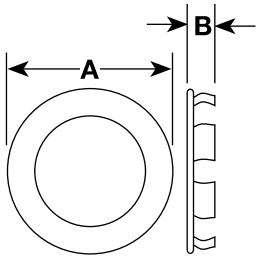
Standard Material

- Steel/zinc plated



KO–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	27.4 (1.08)	10.2 (0.40)	**KO-50**
3/4	31.8 (1.25)	8.4 (0.33)	**KO-75**
1	37.6 (1.48)	8.4 (0.33)	**KO-100**
1-1/4	46.0 (1.81)	8.4 (0.33)	**KO-125**
1-1/2	56.1 (2.21)	9.4 (0.37)	**KO-150**
2	68.1 (2.68)	9.7 (0.38)	**KO-200**

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

NEC/CEC:
Listed for Ordinary Locations

Applications

- Use in branch circuit wiring for wet, damp or dry locations.
- May be used as a junction box or a device box for switches, receptacles, GFCIs, etc.
- Lampholders are for use in exterior and interior applications to provide safety and security for driveways, doorways and walkways.
- Lighting fixtures are for use in areas where moisture ingress is a concern such as construction sites, tunnels, bridges and subways.

Features

- Rugged continuous and seamless diecast construction prevents entry of dirt, dust and moisture.
- Polyester powder coating is applied for uniform cosmetic coating and weatherproof durability.
- Mounting can be achieved with mounting lugs (provided) or by using the integral mounting knockouts.
- Smooth, accurately tapped hubs prevent wire abrasion.
- Clear UL marking and volumetric marking cast into each box and extension ring facilitate electrical inspection.
- Continuous box and cover compression ensure complete sealing at gasket interface to prevent moisture entry.
- Lockable covers and covers with integral devices are offered.
- Closure plugs (2), mounting lugs (2) and green ground screw provided with each box.
- Mounting hardware and gasket provided with each cover.
- Locking swivel knuckle on lampholders permits positive lamp positioning and accurate directional aiming.
- Lampholders are supplied with all hardware including locknuts, porcelain sockets and internal gaskets for reliability and weather protection.
- Photocells and lampholders are supplied with long leads (4" from the end of the knuckle) to facilitate wiring.
- Lighting fixtures are factory assembled and fully gasketed to ensure fast and easy installation.
- Complete installation instructions are provided with each item.
- In-Use covers include patented inserts and comply with NEC requirements.
- Lighting fixtures are individually boxed, labeled and bar coded for ease of handling and identification.

Standard Materials

- Boxes, extensions, covers, lamp-holders, lighting fixtures, and closure plugs: diecast aluminum
- In-use covers: polycarbonate or diecast aluminum
- Lugs: stamped aluminum (one- and two-gang boxes), integrally cast (round boxes)
- Cover screws: plated steel
- Gaskets: closed cell foam (covers), fiber (lampholders), closed cell foam or fiber (lighting fixtures)
- Glass: annealed glass
- Sockets: porcelain (lampholders and lighting fixtures)

NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514D, 1598 as applicable
- UL Listed: E2527, E53330
- CSA Standard: C22.2 No. 18.1, C22.2 No. 250.0 as applicable
- cUL Listed: E2527
- NEMA: FB-1, OS-1



Most of the boxes, covers and lampholders are individually shrink wrapped, labeled and bar coded for ease of handling and identification.



Sturdy corrugated boxes with easy lift–off top with shrink wrapping facilitate merchandising.

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	2	18.3	1/2	4	**WSL150** ①
	2	18.3	3/4	4	**WSL175**
	2	18.3	1/2	3	**WSM150** ①
	2	18.3	3/4	3	**WSM175**
	2	18.3	1	3	**WSM110**
	2	18.3	1/2	5	**WSP150**
	2	18.3	3/4	5	**WSP175**
	2	18.3	1/2	5	**WSX150**
	2	18.3	3/4	5	**WSX175**
	2	18.3	1	5	**WSX110**
	2-5/8	25.5	1/2	3	**WDM150**
	2-5/8	25.5	3/4	3	**WDM175**
	2-5/8	25.5	1	3	**WDM110**

① *Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	2-5/8	25.5	1/2	5	**WDX150**
	2-5/8	25.5	3/4	5	**WDX175**
	2-5/8	25.5	1	5	**WDX110**
	1	9.5	–	–	**WE1**
	1-1/2	12.5	1/2	4	**WEFX50**
	1-1/2	12.5	3/4	4	**WEFX75**

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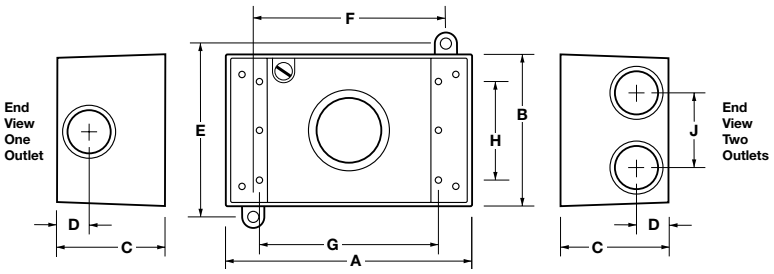
Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

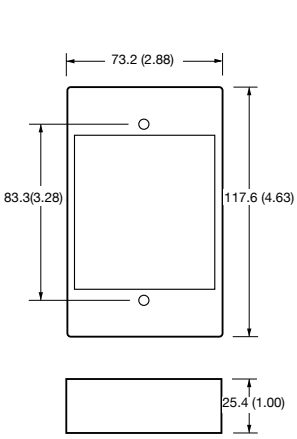
One-Gang Box and Extension Dimensions

Closure plugs, ground screw and mounting lugs included.

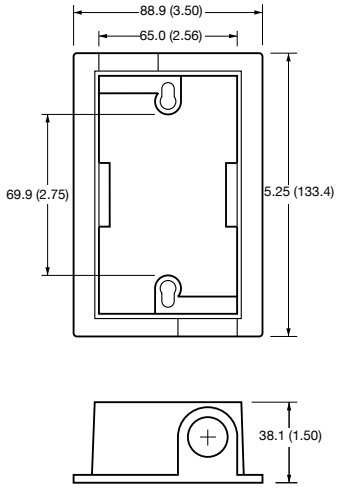
NEC/CEC:
Listed for Ordinary Locations

Dimensions in Millimeters (Inches)





Extension E1



Flanged Extension Adapter: WEFX50, WEFX75

Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add "takeoffs" to new boxes and/or devices.

A	B	C	D	E	F	G	H	J	Catalog Number
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	**WSL150**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	**WSL175**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WSM150**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WSM175**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WSM110**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	**WSP150**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	36.5 (1.43)	**WSP175**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WSX150**
115.8 (4.56)	71.4 (2.81)	50.8 (2.00)	17.5 (0.68)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WSX175**
114.8 (4.52)	70.4 (2.77)	50.8 (2.00)	17.5 (0.68)	86.4 (3.40)	100.1 (3.94)	82.6 (3.25)	47.8 (1.88)	–	**WSX110**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDM150**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDM175**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDM110**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDX150**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDX175**
115.8 (4.56)	71.4 (2.81)	66.8 (2.63)	19.1 (0.75)	77.7 (3.06)	88.9 (3.50)	82.6 (3.25)	47.8 (1.88)	–	**WDX110**

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. of Hubs	Catalog Number
	2.2	30.2	1/2	7	**WSK250**
	2.2	30.2	3/4	7	**WSK275**
	2.2	30.2	1/2	4	**WSL250**
	2.2	30.2	3/4	4	**WSL275**
	2.2	30.2	1/2	3	**WSM250**
	2.2	30.2	3/4	3	**WSM275**
	2.2	30.2	1	3	**WSM210**
	2.2	30.2	1/2	5	**WSP250**
	2.2	30.2	3/4	5	**WSP275**
	2.2	30.2	1/2	6	**WSR250**
	2.2	30.2	3/4	6	**WSR275**

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof Outlet Boxes and Extensions

Closure plugs, ground screw and mounting lugs included.

NEC/CEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	HubSize (Inches)	No. Of Hubs	Catalog Number
	2.2	30.2	1/2	7	**WST250**
	2.2	30.2	3/4	7	**WST275**
	2.2	30.2	1/2	5	**WSX250**
	2.2	30.2	3/4	5	**WSX275**
	2.2	30.2	1	5	**WSX210**
	2.78	36	1/2	7	**WDK250**
	2.78	36	3/4	7	**WDK275**
	2.78	36	1	7	**WDK210**
	2.78	36	1/2	5	**WDP250**
	2.78	36	3/4	5	**WDP275**
	2.78	36	1	5	**WDP210**
	1	16	—	—	**WE2**

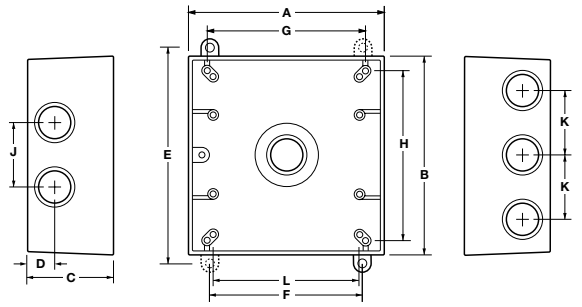
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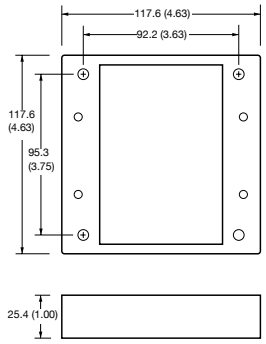
Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Box and Extension Dimensions

NEC/CEC:
Listed for Ordinary Locations

Dimensions in Millimeters (Inches)





Extension WE2 – Dimensions in Millimeters (Inches) Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add "take–offs" to new boxes and/or devices.

A	B	C	D	E	F	G	H	J	K	L	Catalog Number
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSK250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSK275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSL250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSL275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSM250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSM275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSM210**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSP250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSP275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSR250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WSR275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	38.1 (1.50)	82.6 (3.25)	**WST250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	38.1 (1.50)	82.6 (3.25)	**WST275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSX250**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSX275**
115.0 (4.52)	115.0 (4.52)	54.5 (2.14)	16.0 (0.63)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	–	–	82.6 (3.25)	**WSX210**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDK250**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDK275**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDK210**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDP250**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDP275**
115.0 (4.52)	115.0 (4.52)	67.8 (2.66)	21.7 (0.85)	123.6 (4.86)	98.2 (3.86)	93.7 (3.69)	96.1 (3.78)	38.1 (1.50)	–	82.6 (3.25)	**WDP210**

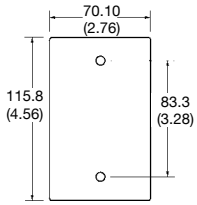
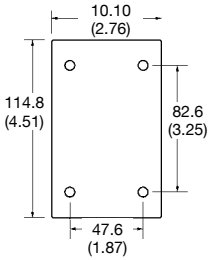
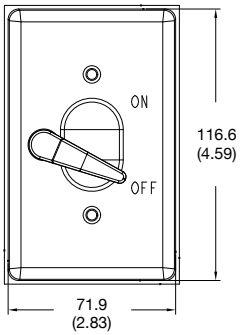
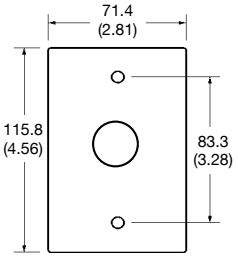
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Blank Cover, 2-screws (stamped aluminum)	Universal	—	Gray	**WCB1**	
	Blank Cover, 4-screws (stamped aluminum)	Universal	—	Gray	**WCB14**	
	Toggle Switch Cover	Vertical	Switch (10A - 20A)	Gray	**WCT1**	
	Toggle Switch Cover w/ switch	Vertical	Switch (15A, 1-pole)	Gray	**WCT115**	
	Toggle Switch Cover w/ switch	Vertical	Switch (15A, 3 Way)	Gray	**WCT113**	
	Cover with Photocell (stamped aluminum)	Universal	Photocell (120A, 300W)	Gray	**WCE1**	

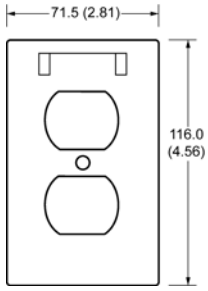
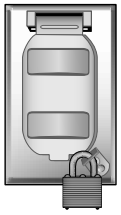
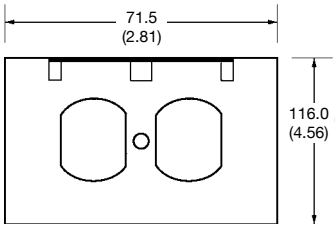
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Vertical	Duplex Recept or Switch	Gray	**WVD1** ①	
	Self closing cover 3/16" hole for padlock	Vertical	Duplex Recept or Switch	Gray	**WVDL1** ②	
	Self closing cover	Horizontal	Duplex Recept or Switch	Gray	**WHD1** ①	
	Stay open cover	Horizontal	Duplex Recept or Switch	Gray	**WHDO1** ③	
	Self closing cover w/ recept	Horizontal	Duplex Recept	Gray	**WHD1WR**	

*① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*
② Hasp diameter 3/16". Lock not included.
③ Not UL Listed.

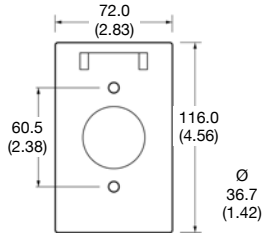
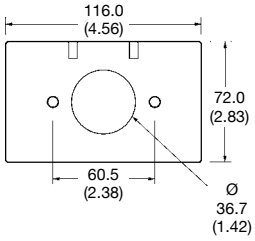
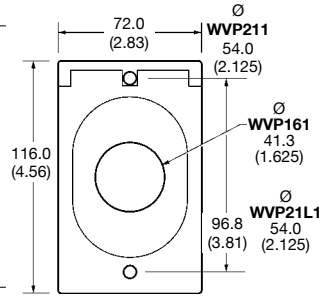
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self Closing Cover	Vertical	Single Recept or Switch	Gray	**WVS1**	
	Self Closing Cover	Horizontal	Single Recept or Switch	Gray	**WHS1**	
	Self Closing Power Outlet Cover (2.125" opening)	Vertical	Single Recept (20A-50A)	Gray	**WVP211**	
	Self Closing Power Outlet Cover (1.625" opening)	Vertical	Single Recept	Gray	**WVP161**	
	Self Closing Power Outlet Cover (2.125" opening)	Vertical	Single Recept (20A-50A)	Gray	**WVP21L1** ①	

① *Hasp diameter 3/16". Lock not included.*

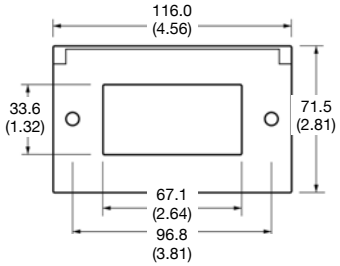
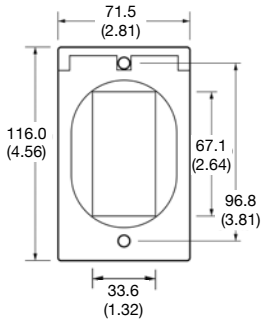
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Horizontal	GFCI	Gray	**WHG1** ①	
	Self closing cover	Vertical	GFCI	Gray	**WVG1** ①	

① *Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*

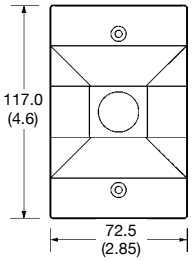
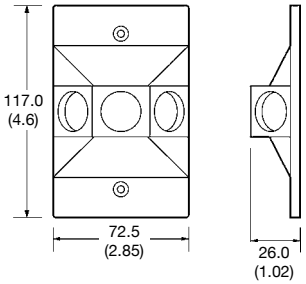
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Raised Cover, one 1/2" hub	Universal	1 Photocell or lampholder	Gray	**WC1150**	
	Raised Cover, three 1/2" hubs	Universal	3 Photocells or lampholders	Gray	**WC1350** ①	*For horizontal to downward aiming (For use with 150 W max lamp)* 
	Raised Cover, two 1/2" hubs with lampholders	Universal	2 Lampholders included	Gray	**WC12L**	

① *Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof In-Use Covers with Inserts

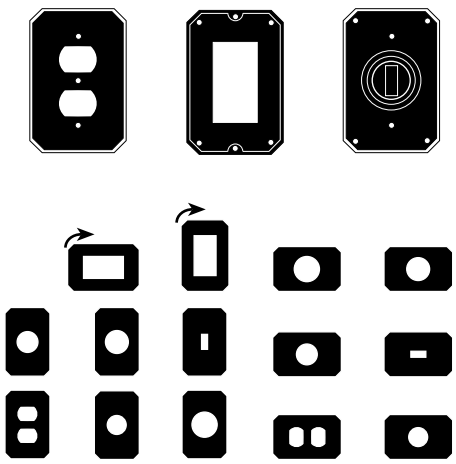
Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	Color	Catalog Number
	In-Use cover, 2-7/8" deep 3/8" hole for padlock (polycarbonate)	Universal	Clear	**WCIU1** ①
	In-Use cover, 3-1/2" deep 3/8" hole for padlock (polycarbonate)	Universal	Clear	**WCDIU1** ①

WCIU1 and WCDIU1 Inserts 3 inserts produce 14 configurations

Single gang In-Use inserts can be used in both vertical and horizontal applications, by simply changing the hinge points.



① *Provided with inserts, devices not included.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

One-Gang Weatherproof In-Use Covers with Inserts

NEC/CEC:
Listed for Ordinary Locations

Applications

- For use in damp or wet locations.

Features

- Extra-Duty rated per the requirements of the NEC.
- Provides weather protection with cover closed and cords plugged in.
- Multi-height lever adjusts to create a cover depth of 2-3/4" or 3-1/2".
- Impact rated.
- Adhesive sealing gasket factory installed to ease installation.
- Reinforced hinge withstands 40 lbs. stress test.
- Device inserts snap into place without the use of tools.
- Extra-large cord opening for heavy gauge cords.
- Sleek industrial design.
- Lockable.

Standard Materials

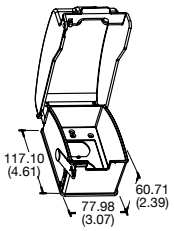
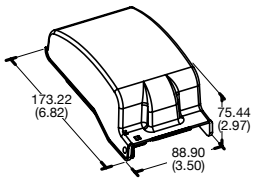
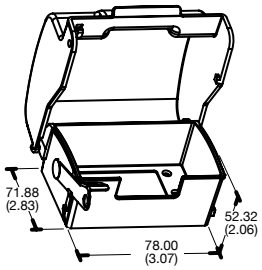
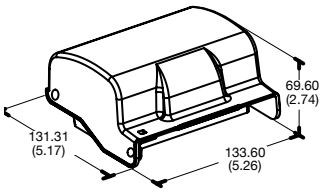
- Body/cover: diecast aluminum
- Lever: stamped steel

Standard Finishes

- Lever: zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514D
- CSA Standard: C22.1
- cULus Listed: E2527

	Description	Orientation	Catalog Number	Dimensions In Millimeters (Inches)
	1-Gang In Use Cover	Vertical	**WCIU1DV**	 
	1-Gang In Use Cover	Horizontal	**WCIU1DH**	 

Inserts

				Round		
Duplex	**GFCI**	**Switch**	**2–1/8"**	**1–11/16"**	**1–5/8"**	**1–5/8"**
						
Duplex Adapter	GFCI Adapter	2-1/8" Adapter 1-5/8" Ring Switch Adapter	2-1/8" Adapter	1-11/16" Ring	1-5/8" Ring	1-5/8" Ring

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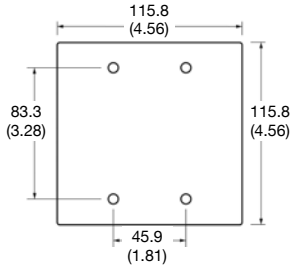
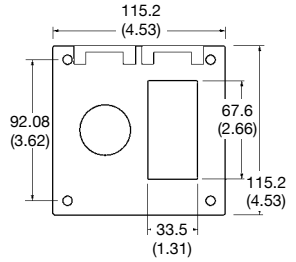
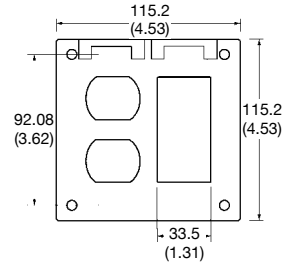
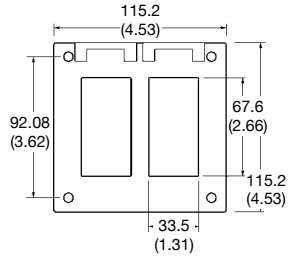
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Blank Cover (stamped aluminum)	Universal	—	Gray	**WCB24**	
	Self Closing Cover	Vertical	Single Recept and GFCI	Gray	**WVSG2**	
	Self Closing Cover	Vertical	Duplex Recept and GFCI	Gray	**WVDG2**	
	Self Closing Cover	Vertical	2 GFCI	Gray	**WVGG2**	

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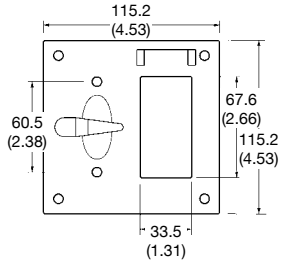
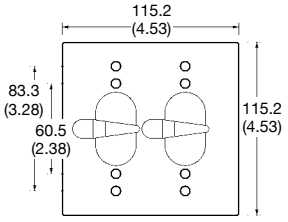
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self Closing Cover	Vertical	Switch and GFCI	Gray	**WVTG2**	
	Toggle Switch Cover (stamped aluminum)	Vertical	2 Switches (15A - 20A)	Gray	**WVTT2**	

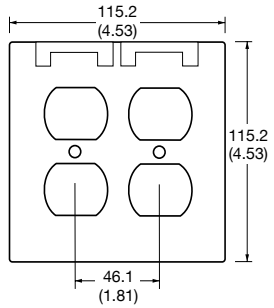
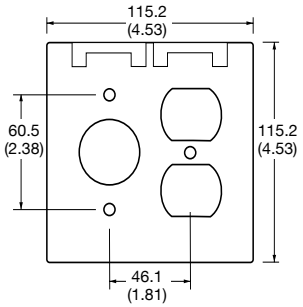
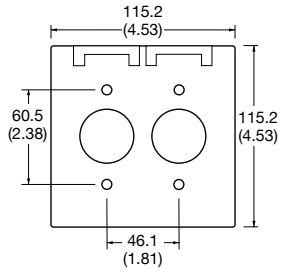
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof Covers

Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Self closing cover	Vertical	2 Duplex Recept or Switches	Gray	**WVDD2**	
	Self closing cover	Vertical	Single Recept and Duplex Recept	Gray	**WVSD2** ①	
	Self closing cover	Vertical	2 Single Recept or Switches	Gray	**WVSS2** ①	

① *Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof In-Use Covers with Inserts

NEC/CEC:
Listed for Ordinary Locations

Applications

- For use in damp or wet locations.

Features

- Extra-Duty rated per the requirements of the NEC.
- Provides weather protection with cover closed and cords plugged in.
- Multi-height lever adjusts to create a cover depth of 2-3/4" or 3-1/2".
- Impact rated.
- Adhesive sealing gasket factory installed to ease installation.
- Reinforced hinge withstands 40 lbs. stress test.
- Device inserts snap into place without the use of tools.
- Extra-large cord opening for heavy gauge cords.
- Sleek industrial design.
- Lockable.

Standard Materials

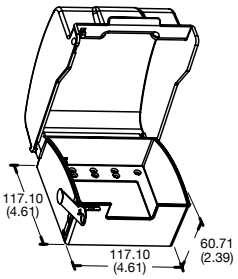
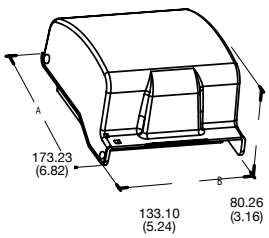
- Body/cover: diecast aluminum
- Lever: stamped steel

Standard Finishes

- Lever: zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514D
- CSA Standard: C22.1
- cULus Listed: E2527

	Description	Orientation	Catalog Number	Dimensions In Millimeters (Inches)
	2-Gang In Use Cover	Vertical	**WCIU2SD**	 

Inserts

				Round		
Duplex	**GFCI**	**Switch**	**2–1/8"**	**1–11/16"**	**1–5/8"**	**1–5/8"**
						
Duplex Adapter	GFCI Adapter	2-1/8" Adapter 1-5/8" Ring Switch Adapter	2-1/8" Adapter	1-11/16" Ring	1-5/8" Ring	1-5/8" Ring

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Two-Gang Weatherproof In-Use Covers with Inserts

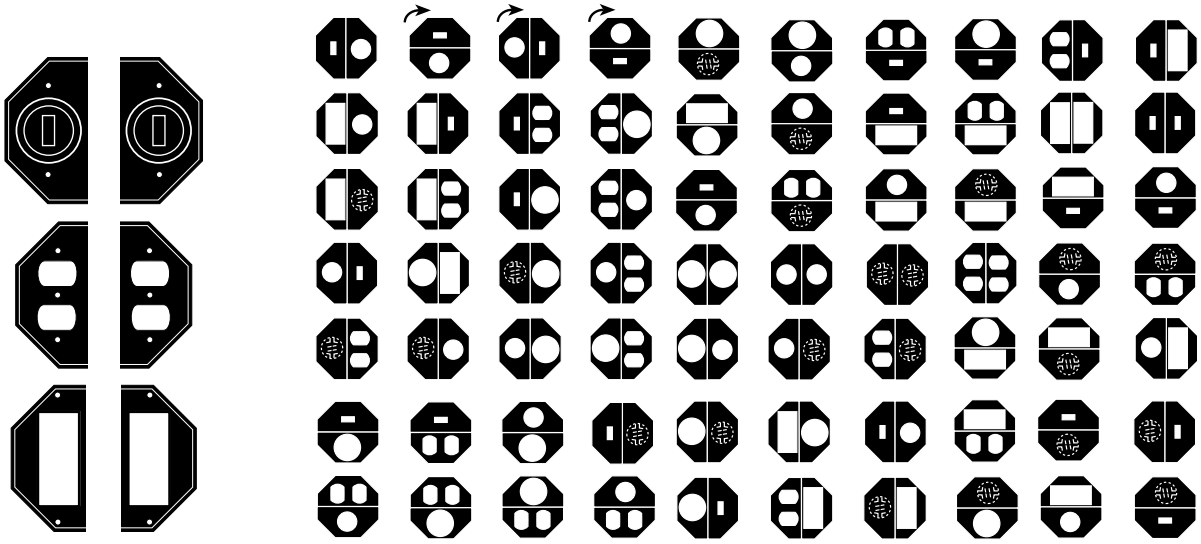
Gasket and mounting hardware included.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	Color	Catalog Number
	In-Use Cover, 2-1/4" Deep (polycarbonate) 3/8" hole for padlock	Vertical	Clear	**WCIU2** ①

WCIU2 Inserts– 6 inserts produce 70 configurations

Two gang In-Use convertible inserts snap together to create combinations for almost every application.



① *Provided with inserts, devices not included.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

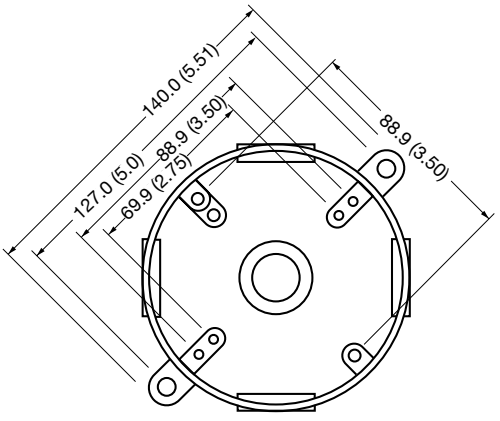
Round Weatherproof Outlet Boxes and Extensions

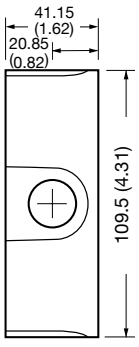
Closure plugs, ground screw and mounting lugs included.

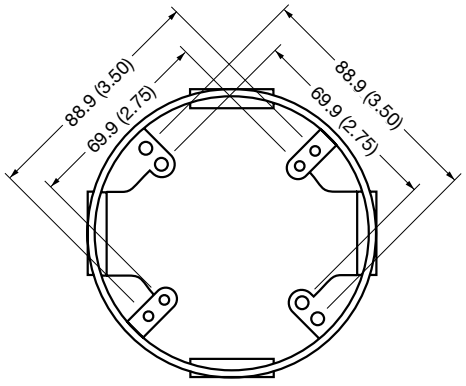
NEC/CEC:
Listed for Ordinary Locations

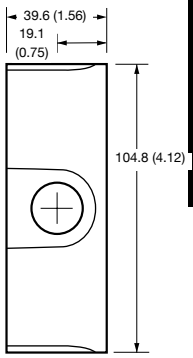
	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Catalog Number
	1.62	16	1/2	5	**WRX50** ①
	1.62	16	3/4	5	**WRX75** ①
	1.62	16	1/2	5	**WRX50CG**
	1.62	16	3/4	5	**WRX75CG**
	1.62	16.5	1/2	4	**WERX50**
	1.62	16.5	3/4	4	**WERX75**

Dimensions in Millimeters (Inches)









WRX50
WRX75
WRX50CG
WRX75CG

Extension WERX50/WERX75
Extensions and Extension Adapters are used to provide additional capacity needed for NEC box fill requirements. Adapters allow installer to add "take–offs" to new boxes and/or devices.

① *Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*

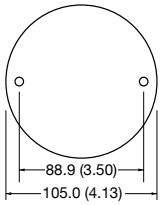
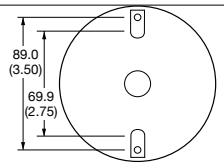
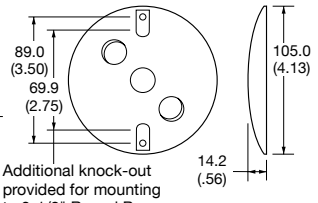
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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

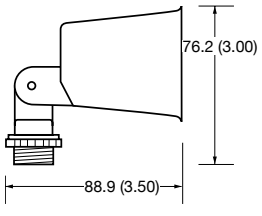
Round Weatherproof Covers

Gasket and mounting hardware included. Lampholders are adjustable. Porcelain sockets.

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Blank Cover, 4" OD (stamped aluminum)	Universal	—	Gray	**WCBR**	
	Raised Cover, One 1/2" hub	Universal	1 Photocell or lampholder	Gray	**WCR150** ①	 Additional knock-out provided for mounting to 3-1/2" Round Box.
	Raised Cover, Three 1/2" hubs	Universal	3 Photocells or lampholders	Gray	**WCR350** ①	 Additional knock-out provided for mounting to 3-1/2" Round Box.
	Raised Cover, two 1/2" hubs with lampholders	Universal	2 Lampholders included	Gray	**WCR2L** ②	

Locking swivel knuckle permits lamp positioning and aiming.
Supplied with porcelain sockets, gaskets, extra long leads, locknut and other hardware. For aiming horizontal or downward. For use with 150 W.

	Description	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Lampholder	Unfinished Metal	**WLU1**	
	Finished Lampholder	Gray	**WLI** ①	

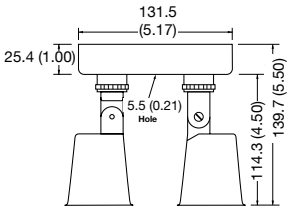
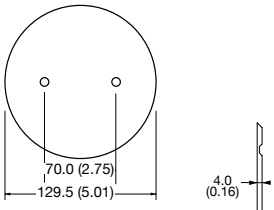
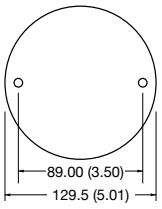
*① Catalog number shown represents gray color. White (Suffix **-W**) and Bronze (Suffix **-B**) also available. Consult local sales representative for lead time.*
② For horizontal to downward aiming For use with 150W max. lamp. Box not included.

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Ceiling Plates and Lampholders

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions in Millimeters (Inches)
	Ceiling plate (deep) with lampholders	Universal	2 Lampholders included	White	**WCRD2LW** ①	
	Ceiling plate w/ beveled edge	Universal	—	White	**WCRB3W**	
	Ceiling plate w/ beveled edge	Universal	—	White	**WCRB4W**	

① *For use with 150W max. lamp.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

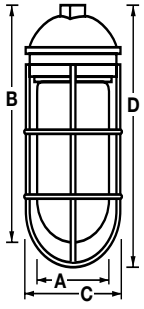
Weatherproof Incandescent Fixtures

NEC/CEC:
Listed for Ordinary Locations

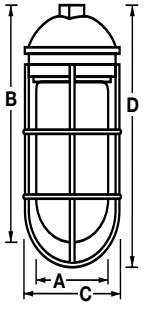
Factory assembled with guard, 120 volt rated.
Ground screw, closure plugs and mounting lugs included. Use with 125 °C (257 °F) supply wire. Use with medium base incandescent lamps. Gray color.

	Mounting Style	Hub Size (Inches)	No. of Hubs	Wattage	Dimensions In Millimeters (Inches) A	B	C	D	E	F	Catalog Number
	Pendant	1/2	1	100	85.0 (3.34)	231.0 (9.09)	105.5 (4.15)	251.0 (9.88)	—	—	**WFA1050G**
	Pendant	3/4	1	100	85.0 (3.34)	231.0 (9.09)	105.5 (4.15)	251.0 (9.88)	—	—	**WFA1075G**
	Pendant	1/2	1	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	279.4 (11.00)	—	—	**WFA2050G**
	Pendant	3/4	1	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	279.4 (11.00)	—	—	**WFA2075G**
	Ceiling	1/2	5	100	85.0 (3.34)	219.0 (8.62)	105.5 (4.15)	238.0 (9.37)	—	—	**WFC1050G**
	Ceiling	3/4	5	100	85.0 (3.34)	219.0 (8.62)	108.0 (4.15)	238.0 (9.37)	—	—	**WFC1075G**
	Ceiling	1/2	5	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	273.1 (10.75)	—	—	**WFC2050G**
	Ceiling	3/4	5	200	109.8 (4.32)	266.7 (10.50)	135.5 (5.33)	273.1 (10.75)	—	—	**WFC2075G**
	Wall	1/2	5	100	85.0 (3.34)	184.2 (7.25)	105.5 (4.15)	207.0 (8.14)	118.0 (4.64)	106.0 (4.17)	**WFW1050G**
	Wall	3/4	5	100	85.0 (3.34)	184.2 (7.25)	105.5 (4.15)	207.0 (8.14)	118.0 (4.64)	106.0 (4.17)	**WFW1075G**
	Wall	1/2	5	200	109.8 (4.32)	222.3 (8.75)	135.5 (5.33)	235.0 9.25	118.0 (4.64)	114.3 (4.50)	**WFW2050G**
	Wall	3/4	5	200	109.8 (4.32)	222.3 (8.75)	135.5 (5.33)	235.0 9.25	118.0 (4.64)	114.3 (4.50)	**WFW2075G**

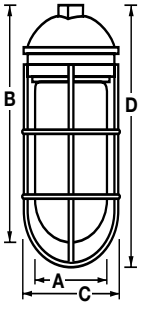
Dimensions in Millimeters (Inches)



WFA Series



WFC Series



WFW Series

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Accessories and Replacement Parts

NEC/CEC:
Listed for Ordinary Locations

Accessories

	Electrical Rating	Description	Color	Catalog Number
	120 Vac, 5 Amp	Automated Door Operated Light Switch	Metal	**WSWITCH**
	120 Vac, 300 watt	Photoelectric Night Switch with Time Delay for Lamp Posts	—	**WPHOTO**
	120 Vac, 300 watt	Photoelectric Night Switch with Time Delay 1/2" NPT w/locknut	Gray	**WPHOTO50**

Replacement Parts

Description	Color	Catalog Number
Universal 1 gang gasket	Black	**WGSK1**
Universal 2 gang gasket	Black	**WGSK2**
1 gang gasket, single and duplex covers	Black	**WGSKD1**
External lampholder gasket	Black	**WGSKEL**
2 Mounting lugs w/ screws	Gray	**WLUGS**
4–1" closure Plugs	Gray	**WPLG104** ①
4–1/2" Closure Plugs	Gray	**WPLG504** ①
4–3/4" Closure Plugs	Gray	**WPLG754** ①
Heavy duty wire guard for 100 watt fixtures, #8 AWS	—	**WFG1**
Heavy duty wire guard for 200 watt fixtures, #8 AWS	—	**WFG2**
Glass globe for 100 W lighting fixtures	—	**WFGL1**
Glass globe for 200 W lighting fixtures	—	**WFGL2**

① *Catalog number shown represents gray color. White (Suffix* ***-W****) and Bronze (Suffix* ***-B****) also available. Consult local sales representative for lead time.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Non-Metallic Weatherproof Boxes, Covers and Lampholders

NEC/CEC:
Listed for Ordinary Locations

Applications

- Marine rated boxes and covers are ideal for use in highly corrosive areas, beaches, docks, pools, or other wet location areas.
- Use in branch circuit wiring for wet, damp or dry locations.
- May be used as a junction box or a device box for switches, receptacles, GFCI's etc.
- Lampholders are for use in exterior and interior applications to provide safety and security for driveways, doorways and walkways.

Features

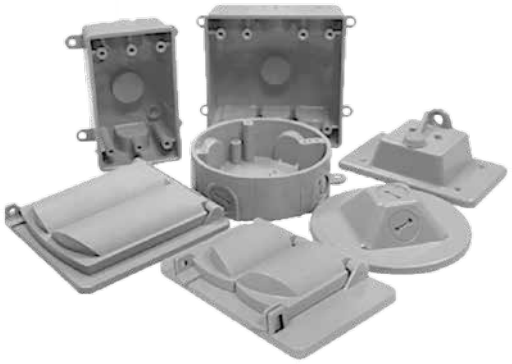
- Rugged PVC or polycarbonate construction prevents entry of dirt, dust and moisture.
- Resistant to impact, heat or low temperature distortion, and mold.
- Mounting can be achieved with formed in place mounting lugs.
- Smooth, accurately tapped hubs prevent wire abrasion.
- Clear UL marking and volumetric marking cast into each box facilitate electrical inspection.
- Continuous box and cover compression ensure complete sealing at gasket interface to prevent moisture entry.
- Lockable covers.
- Closure plugs (2) provided with each box.
- Remaining hubs are knockout (KO) design. No closure plugs required.
- Mounting hardware and gasket provided with each cover.
- Locking swivel knuckle on lampholders permits positive lamp positioning and accurate directional aiming.
- Lampholders are supplied with locknuts, porcelain sockets and internal gaskets for reliability and weather protection.
- Complete installation instructions provided with each item.

Standard Materials

- Boxes: PVC
- Covers: PVC or polycarbonate
- Cover screws: Nickel plated steel
- Gaskets: closed cell foam
- Sockets: porcelain (lampholders)

NEC/CEC Certifications and Compliances

- UL Standard: 514C, 514D, 1598 as applicable
- cULus Listed: E109438, E477255
- CSA Standard: C22.2 No. 18.2 (2008), C22.2 No. 42.1, C22.2 No. 42.1



Most of the boxes, covers and lampholders are individually shrink wrapped, labeled and bar coded for ease of handling and identification.

Sturdy corrugated boxes with easy lift–off top with shrink wrapping facilitate merchandising.

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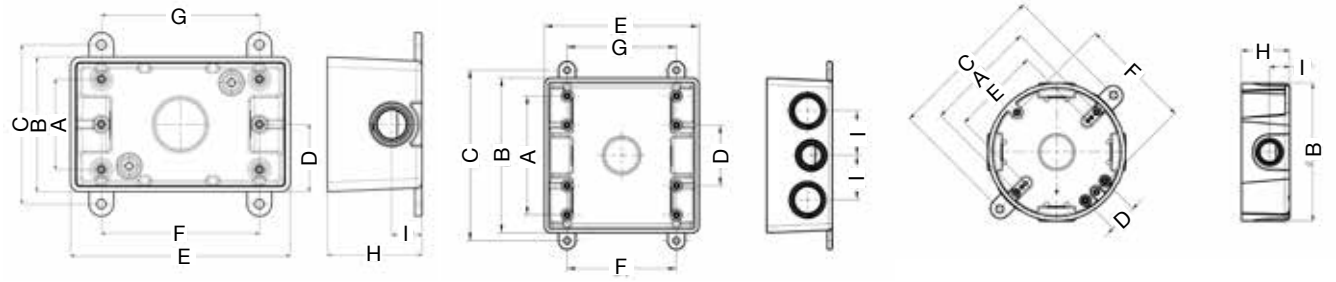
Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Non-Metallic Weatherproof Boxes, Covers and Lampholders

Closure plugs and mounting lugs included.

NEC/CEC:
Listed for Ordinary Locations

	Depth (Inches)	Wiring Cubic Inch Capacity	Hub Size (Inches)	No. Of Hubs	Color	Catalog Number
 PVC Material	2	16.3	1/2	3	Gray	**WSM150GNM** ①
	2	16.3	1/2	3	White	**WSM150WNM** ①
 PVC Material	2	28.3	1/2	7	Gray	**WSP25075GNM** ①
	2	28.3	1/2	7	White	**WSP25075WNM** ①
 PVC Material	1.5	14.8	1/2	5	Gray	**WRX50GNM** ①
	1.5	14.8	1/2	5	White	**WRX50WNM** ①



WSM **WSP** **WRX**

Dimensions In Millimeters (Inches)									
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**Catalog Number**
47.63 (1.87)	71.00 (2.8)	83.80 (3.3)	35.50 (1.4)	116.00 (4.6)	82.55 (3.25)	83.34 (3.3)	50.00 (2.0)	16.00 (0.6)	**WSM150GNM**
47.63 (1.87)	71.00 (2.8)	83.80 (3.3)	35.50 (1.4)	116.00 (4.6)	82.55 (3.25)	83.34 (3.3)	50.00 (2.0)	16.00 (0.6)	**WSM150WNM**
90.50 (3.6)	117.70 (4.6)	129.60 (5.1)	46.00 (1.8)	117.70 (4.6)	82.55 (3.1)	83.34 (3.3)	—	33.80 (1.3)	**WSP25075GNM**
90.50 (3.6)	117.70 (4.6)	129.60 (5.1)	46.00 (1.8)	117.70 (4.6)	82.55 (3.1)	83.34 (3.3)	—	33.80 (1.3)	**WSP25075WNM**
88.90 (3.5	108.60 (4.3)	127.00 (5.0)	22.00 (0.9)	69.85 (2.8)	88.90 (3.5)	—	38.00 (1.5)	16.00 (0.6)	**WRX50GNM**
88.90 (3.5	108.60 (4.3)	127.00 (5.0)	22.00 (0.9)	69.85 (2.8)	88.90 (3.5)	—	38.00 (1.5)	16.00 (0.6)	**WRX50WNM**

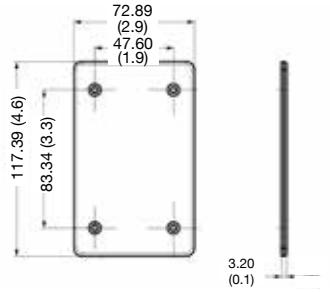
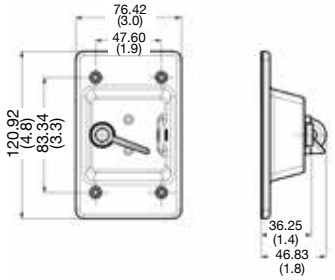
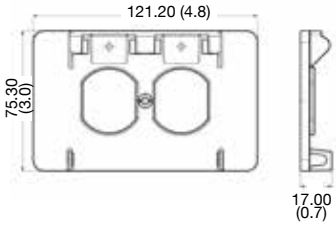
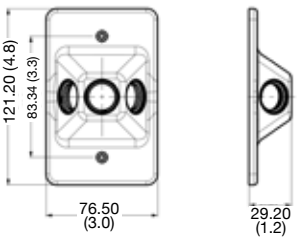
① *UL Listed Marine.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Non-Metallic Weatherproof Covers

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 PVC Material	Blank Cover	Universal	—	Gray	**WCB14GNM** ①	
				White	**WCB14WNM** ①	
 PVC Material	Toggle Cover	Horizontal	—	Gray	**WCT1GNM** ②	
				White	**WCT1WNM** ②	
 Polycarbonate Material	Lockable Cover	Horizontal	Duplex	Gray	**WHD1GNM** ②	
				White	**WHD1WNM** ②	
 Polycarbonate Material	1-Gang Lampholder Cover	Universal	Lampholders	Gray	**WC1350GNM** ②	

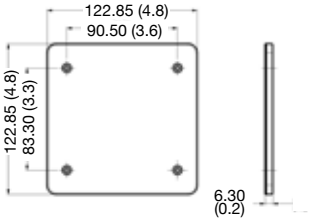
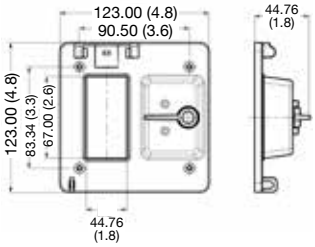
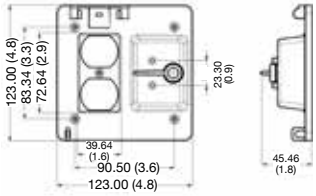
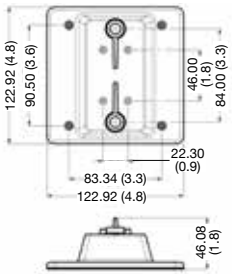
① *UL Listed Marine.*
② *cULus Listed.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Non-Metallic Weatherproof Covers

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 PVC Material	2-Gang Blank Cover	Universal	—	Gray White	**WCB24GNM** ① **WCB24WNM** ①	
 PVC Material	2-Gang Device Cover	Horizontal	GFCI/Switch (Red Toggle)	Gray White	**WVTG2GTG** ② **WVTG2GTW** ②	
 PVC Material	2-Gang Device Cover	Horizontal	Duplex/Switch (Red Toggle)	Gray White	**WVTGGDT** ② **WVTGWDT** ②	
 PVC Material	2-Gang Device Cover	Horizontal	Switches (Not Included)	Gray White	**WVTT2GNM** ② **WVTT2WNM** ②	

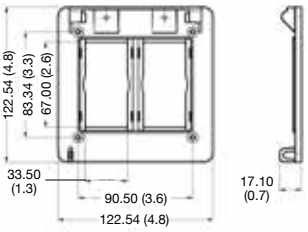
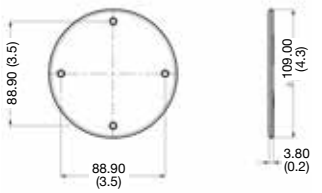
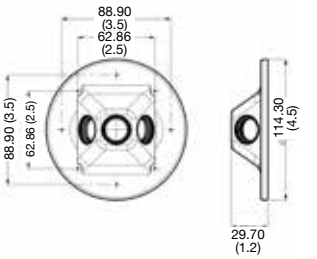
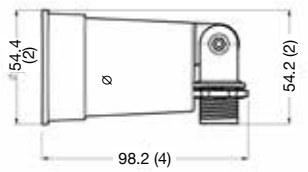
① *UL Listed Marine.*
② *cULus Listed.*

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Weatherproof Boxes, Covers, Lampholders and Lighting Fixtures

Non-Metallic Weatherproof Covers

NEC/CEC:
Listed for Ordinary Locations

	Description	Orientation	For use with devices	Color	Catalog Number	Dimensions In Millimeters (Inches)
 Polycarbonate Material	2-Gang Device Cover	Horizontal	(2) GFCI or (2) Duplex ③	Gray	**WVTGUGNM** ①	
				White	**WVTGUWNM** ①	
 PVC Material	Round Blank Cover	Universal	—	Gray	**WCBRGNM** ②	
				White	**WCBRWNM** ②	
 Polycarbonate Material	Round Lampholder Cover	Universal	Lampholders	Gray	**WCR350GNM** ①	
				White	**WCR350WNM** ①	
 Polycarbonate Material	Lampholder	Universal	Lamps	Gray	**WLIGNM** ①	
				White	**WLIWNM** ①	

① *cULus Listed.*
② *UL Listed Marine.*
③ *Duplex inserts included with cover.*

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EMERSON

Service Entrance Heads

Threaded For Rigid Conduit or IMC

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a weather-resistant termination of a Service Entrance Conduit Riser at utility connection point.

Features

- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

Standard Materials

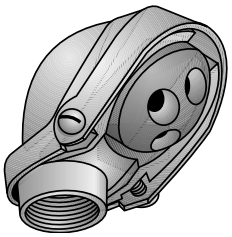
- Malleable or ductile iron
- Phenolic insulator

Standard Finishes

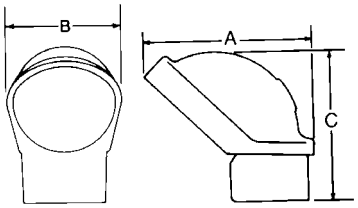
- Hot dip or mechanically galvanized

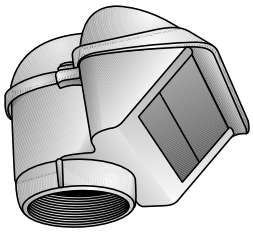
NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795



Type 17–75G thru 17–400G





Type 17–500G and 17–600G

Trade Size (Inches)	Insulator Holes: No. Holes	Insulator Holes: Dia.	Dimensions in Millimeters (Inches): A	Dimensions in Millimeters (Inches): B	Dimensions in Millimeters (Inches): C	Catalog Number
3/4	2	9.65 (0.38)	87.38 (3.44)	58.67 (2.31)	61.98 (2.44)	**17-75G**
	3	10.41 (0.41)				
1	2	11.18 (0.44)	95.25 (3.75)	68.33 (2.69)	71.37 (2.81)	**17-100G**
	3	12.70 (0.50)				
1-1/4	2	10.67 (0.42)	112.78 (4.44)	79.50 (3.13)	82.55 (3.25)	**17-125G**
	3	16.00 (0.63)				
1-1/2	3	22.35 (0.88)	127.00 (5.00)	90.42 (3.56)	90.42 (3.56)	**17-150G**
	1	11.18 (0.44)				
2	2	19.05 (0.75)	127.00 (5.00)	146.05 (5.75)	176.28 (6.94)	**17-200G**
	3	25.40 (1.00)				
	1	13.46 (0.53)				
2-1/2	3	22.35 (0.88)	268.22 (10.56)	168.40 (6.63)	166.62 (6.56)	**17-250G**
	1	25.40 (1.00)				
	3	33.27 (1.31)				
3	4	44.45 (1.75)	312.67 (12.31)	203.20 (8.00)	204.72 (8.06)	**17-300G**
	2	28.70 (1.13)				
4	4	44.45 (1.75)	317.50 (12.50)	203.20 (8.00)	211.07 (8.31)	**17-400G**
	2	28.70 (1.13)				

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Service Entrance Heads

Clamp-Type For Rigid Conduit or IMC

NEC:
Listed for Ordinary Locations

Applications

- Provides a weather-resistant termination of a Service Entrance Conduit Riser at utility connection point.

Features

- Bar type pressure clamp in body.
- Screw does not bear directly on conduit.
- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

Standard Material

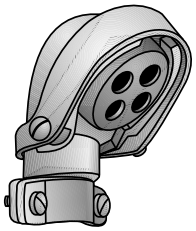
- Malleable iron
- Brass screws in hood
- Phenolic insulator

Standard Finishes

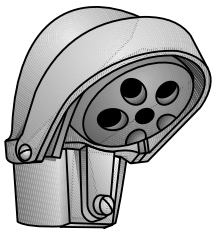
- Hot dip or mechanically galvanized

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-14817

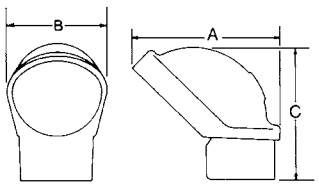


Type CT–75G



Type CT–100G

Illustrated Dimensions



Trade Size (Inches)	Insulator Hole No. Holes	Insulator Hole Size	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
3/4	2	9.65 (0.38)	81.03 (3.19)	58.67 (2.31)	79.50 (3.13)	**CT-75G**
	3	10.41 (0.41)				
1	2	11.18 (0.44)	95.25 (3.75)	68.33 (2.69)	88.90 (3.50)	**CT-100G**
	3	12.70 (0.5)				
1-1/4	2	10.67 (0.42)	114.30 (4.5)	81.03 (3.19)	96.77 (3.81)	**CT-125G**
	3	16.00 (0.63)				
1-1/2	3	19.05 (0.75)	136.65 (5.38)	96.01 (3.78)	120.65 (4.75)	**CT-150G**
	2	14.99 (0.59)				
	1	11.18 (0.44)				
2	2	19.05 (0.75)	177.80 (7.00)	120.65 (4.75)	160.27 (6.31)	**CT-200G**
	3	25.40 (1.00)				
	1	13.46 (0.53)				

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Service Entrance Heads

Clamp-Type For Rigid Conduit or IMC

NEC:
Listed for Ordinary Locations

Applications

- Combination entrance cap to fit 2” mast and has 1-1⁄4” cap.

Features

- Bar type pressure clamp in body.
- Screw does not bear directly on conduit.
- Weather resistant.
- Phenolic Insulator has predrilled holes to slip over conductors.
- Easy to assemble onto conduit riser.

Standard Material

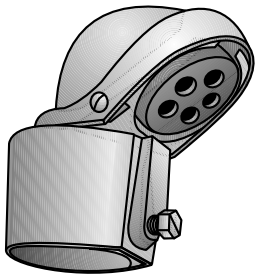
- Malleable iron
- Brass screws in hood
- Phenolic insulator

Standard Finishes

- Hot dip or mechanically galvanized

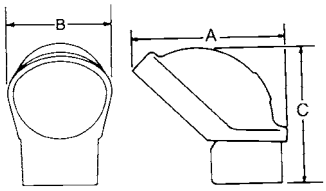
NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857



Type CT–2

Illustrated Dimensions



Trade Size (Inches)	Insulator Hole No. Holes	Dimensions in Millimeters (Inches) Size	A	B	C	
2-1/4	2	10.67 (0.42)	127.00 (5.00)	81.03 (3.19)	128.52 (5.06)	**CT-2-125G**
	3	16.00 (0.63)				

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Service Entrance Heads

For SE Cable

NEC/CEC:
Listed for Ordinary Locations

Applications

- Provides a weather-resistant termination of Service Entrance Cable at utility connection point.

Features

- For SE cables - keyhole mounting bracket style.
- Easy to assemble. Cable slips into cap and is securely held by clamping shoe.
- Has split insulator and well bushed holes.
- Cover overlaps to protect cables from weather.
- Weather resistant.

Standard Materials

- Malleable iron body
- Phenolic insulator

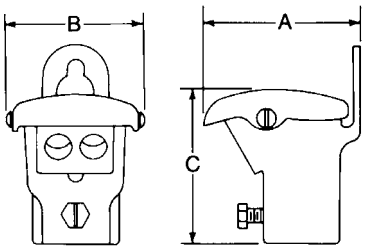
Standard Finishes

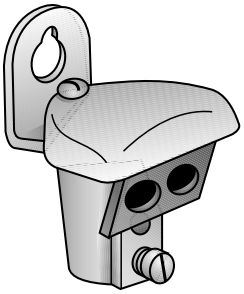
- Hot dip or mechanically galvanized

NEC/CEC Certifications and Compliances

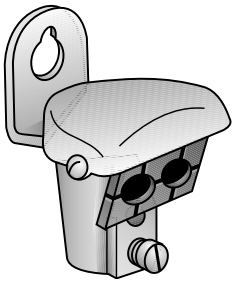
- UL Standard: ANSI/UL 514B
- UL Listed: E-11858
- CSA Standard: C22.2 No. 18
- CSA Certified: 9795

Illustrated Dimensions

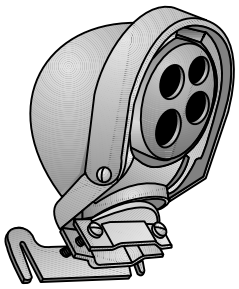




Type 1754G



Type 1751G through 1753G



1749G

No. Holes	Holes Size Millimeters (Inches)	Max SEU	SEU Opening	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
2	10.41 (0.41)	3#8 2#4	11.18 (0.44) - 17.53 (0.69)	54.10 (2.13)	45.97 (1.81)	52.32 (2.06)	**1754G**
2	10.41 (0.41)	3#4 2#2	12.70 (0.50) - 25.40 (1.00)	61.21 (2.41)	50.04 (1.97)	61.98 (2.44)	**1753G**
2	13.46 (0.53)	3#2	19.05 (0.75) - 29.46 (1.16)	65.79 (2.59)	61.98 (2.44)	67.56 (2.66)	**1752G**
2	19.81 (0.78)	3#2/0	25.40 (1.00) - 38.1 (1.50)	85.85 (3.38)	80.26 (3.16)	76.20 (3.00)	**1751G**
3 1	22.35 (0.88) 11.18 (0.44)	3#4/0	28.70 (1.13) - 44.45 (1.75)	88.9 (3.50)	95.25 (3.75)	99.31 (3.91)	**1749G**

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Watertight Service Entrance and UF Cable Connectors

NEC:
Listed for Ordinary Locations

Applications

- For securing and sealing service entrance and UF cable entering an enclosure or conduit hub.

Features

- Tapered male threads (NPT).
- Suitable for use in wet locations.
- Locknuts, Sealing Locknuts and Sealing Ring Assemblies available for use in sheet metal knockouts.

Standard Materials

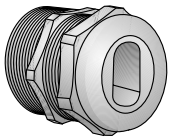
- Body: malleable iron
- Grommet: PVC
- Compression washer: steel

Standard Finishes

- Body: zinc electroplated
- Compression washer: zinc electroplated

NEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11858
- Fed. Spec: W-F-406E



Type SE
Tapered threaded male hub – NPT

Hub Size (Inches)	Type SEU 3 Conductor Neoprene Braided	Neoprene Jacket	Jacket	Type UF Cable	Catalog Number
1/2				2#14WG and WO/G	SE-501 ①
1/2				2#12WG and WO/G	
3/4				3#14WG and WO/G	
3/4				3#12WG and WO/G	SE-752 ①
3/4				3#10WG and WO/G	
3/4	3#10	3#10	3#8		SE-751
3/4	3#10	3#10	3#8		SE-753
3/4		3#8	3#6		
1				3#14WG and WO/G	
1				3#12WG and WO/G	SE-1001 ①
1				3#10WO/G	
1	3#8	3#8	3#6		SE-1002
1	3#6	3#6	3#4		
1	3#6	3#6	3#4		SE-1003
1	3#4		3#2		
1	3#4	3#4	3#2		SE-1004
1	3#3	3#3	3#1		
1	2#2				
1	1#4				

Hub Size (Inches)	Type SEU 3 Conductor Neoprene Braided	Neoprene Jacket	Jacket	Type UF Cable	Catalog Number
1-1/4	3#4	3#4	3#2		
1-1/4	3#3	3#3	3#1		SE-1251
1-1/4	3#2				
1-1/4	3#3	3#4	3#1		
1-1/4	3#2	3#3	3#1/0		SE-1253
1-1/4		3#2			
1-1/4	3#2	3#2	3#1/0		SE-1252
1-1/4	3#1	3#1	3#2/0		
1-1/2	3#2	3#2	3#1/0		SE-1504
1-1/2	3#1	3#1	3#2/0		
1-1/2	3#1	3#1	3#2/0		SE-1505
1-1/2	3#1/0		3#3/0		
1-1/2	3#1/0	3#1	3#3/0		SE-1506
1-1/2	3#2/0	3#1/0	3#4/0		
2	3#1/0	3#1	3#3/0		SE-2006
2	3#2/0	3#1/0	3#4/0		
2	3#2/0	3#1/0	3#4/0		SE-2007
2	3#3/0	3#2/0			
2	3#3/0	3#2/0			SE-2008
2	3#4/0	3#3/0			
2	3#4/0	3#3/0			SE-2009
2		3#4/0			SE-20010

① *Can be used with UF Cable.*

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Watertight Service Entrance and UF Cable Connectors

NEC:
Listed for Ordinary Locations

Dimensions in Millimeters (Inches)

Cable Oval Grommet Range					
Min.	Max.	Body Length	Thread Length	Max. Dia.	Catalog Number
3.81 x 8.38 (0.15 x 0.33)	6.35 x 10.92 (0.25 x 0.43)	28.7 (1.13)	13.46 (0.53)	26.92 (1.06)	**SE-501**
4.32 x 14.73 (0.17 x 0.58)	7.37 x 18.03 (0.29 x 0.71)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	**SE-752**
7.11 x 12.19 (0.28 x 0.48)	10.16 x 15.49 (0.40 x 0.61)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	**SE-751**
8.64 x 14.73 (0.34 x 0.58)	11.68 x 18.03 (0.46 x 0.71)	29.46 (1.16)	11.18 (0.44)	35.05 (1.38)	**SE-753**
3.56 x 14.22 (0.14 x 0.56)	7.37 x 18.03 (0.29 x 0.71)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	**SE-1001**
9.40 x 16.76 (0.37 x 0.66)	13.21 x 20.57 (0.52 x 0.81)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	**SE-1002**
10.92 x 19.30 (0.43 x 0.76)	14.73 x 23.11 (0.58 x 0.91)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	**SE-1003**
12.45 x 21.84 (0.49 x 0.86)	16.26 x 25.65 (0.64 x 1.01)	31.75 (1.25)	13.46 (0.53)	41.40 (1.63)	**SE-1004**
11.18 x 20.57 (0.44 x 0.81)	16.26 x 25.65 (0.64 x 1.01)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	**SE-1251**
12.70 x 23.11 (0.50 x 0.91)	17.78 x 28.19 (0.70 x 1.11)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	**SE-1253**
13.97 x 25.65 (0.55 x 1.01)	19.05 x 30.73 (0.75 x 1.21)	35.05 (1.38)	16.00 (0.63)	33.27 (1.31)	**SE-1252**
13.97 x 25.65 (0.55 x 1.01)	19.05 x 30.73 (0.75 x 1.21)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	**SE-1504**
15.49 x 28.19 (0.61 x 1.11)	20.57 x 33.27 (0.81 x 1.31)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	**SE-1505**
16.76 x 30.73 (0.66 x 1.21)	21.84 x 35.81 (0.86 x 1.41)	38.86 (1.53)	16.00 (0.63)	59.44 (2.34)	**SE-1506**
16.76 x 30.73 (0.66 x 1.21)	21.84 x 35.81 (0.86 x 1.41)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SE-2006**
18.54 x 33.27 (0.73 x 1.31)	23.62 x 38.35 (0.93 x 1.51)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SE-2007**
20.83 x 35.81 (0.82 x 1.41)	25.91 x 40.89 (1.02 x 1.61)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SE-2008**
21.84 x 38.35 (0.86 x 1.51)	26.92 x 43.43 (1.06 x 1.71)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SE-2009**
22.86 x 40.89 (0.90 x 1.61)	27.94 x 45.97 (1.10 x 1.81)	52.32 (2.06)	16.00 (0.63)	76.20 (3.00)	**SE-20010**

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Non–Watertight Service Entrance Connectors

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure SE/SEU Flat Cable, Non-Metallic Sheathed Flat Cable and other oval (flat) non-metallic cables to boxes and enclosures.

Features

- 2-screw double clamp - open throat type.
- Furnished with locknut.
- Male hub threads — NPS.

Standard Materials

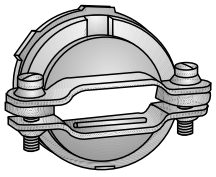
- Body - malleable iron
- Screws and locknut - steel

Standard Finishes

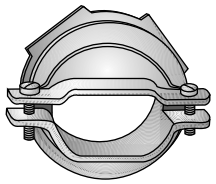
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-23237
- CSA Standard C22.2 No. 18
- CSA Certified: 11584
- Fed. Spec: W-F-406E
- NEMA: FB-1

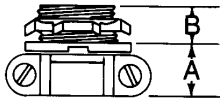


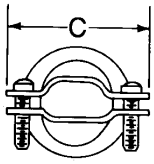
Type 806F — Type 908F



Type 909F

Illustrated Dimensions





Trade Size (Inches)	SEU Cable Range (Braid Neoprene and PVC Jacketed)	Dimensions in Millimeters (Inches)			Clamp Opening Range			Catalog Number
		A	B	C	Min.	Max.	Width	
3/4	3#10 to 3#6	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	8.38 (0.33)	20.83 (0.82)	20.83 (0.82)	**806F**
1	3#10 to 3#2	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	7.62 (0.30)	26.92 (1.06)	26.92 (1.06)	**906F**
1-1/4	3#3 to 3#1/0	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	12.70 (0.50)	34.29 (1.35)	34.29 (1.35)	**907F**
1-1/2	3#1/0 to 3#3/0	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	14.99 (0.59)	28.19 (1.11)	39.62 (1.56)	**908F**
2	3#2/0 to 3#4/0	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	19.56 (0.77)	28.96 (1.14)	45.21 (1.78)	**909F**

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Non–Watertight Service Entrance Connectors

NEC/CEC:
Listed for Ordinary Locations

Applications

- Type 806 and Type 906 Series - to secure Service Entrance Cable, Non-Metallic Sheathed Cable and Flexible Cords to boxes and enclosures.

Features

- Available with insulated throats.
- Furnished with locknuts.
- Male hub threads — NPS.

Standard Materials

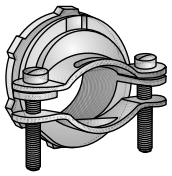
- Body - malleable iron
- Screws/locknut - steel

Standard Finishes

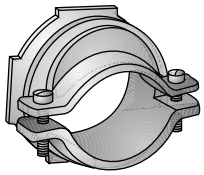
- Zinc electroplated

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-23237
- CSA Standard C22.2 No. 18
- Fed. Spec: W-F-406E
- NEMA: FB-1

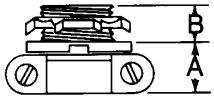


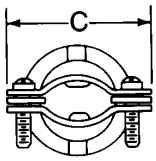
Type 806 — Type 908



Type 909

Illustrated Dimensions





Trade Size (Inches)	Clamp Opening Min.	Clamp Opening Max.	Dimensions in Millimeters (Inches) Width	A	B	C	Catalog Number	Insulated Throat Catalog Number
3/4	9.40 (0.37)	21.34 (0.84)	21.34 (0.84)	17.53 (0.69)	11.18 (0.44)	45.97 (1.81)	**806**	**806T**
1	10.67 (0.42)	26.67 (1.05)	26.67 (1.05)	17.53 (0.69)	14.22 (0.56)	52.32 (2.06)	**906Z**	**906T**
1-1/4	19.05 (0.75)	34.04 (1.34)	34.04 (1.34)	20.57 (0.81)	14.22 (0.56)	61.98 (2.44)	**907**	**907T**
1-1/2	23.11 (0.91)	36.83 (1.45)	39.37 (1.55)	22.35 (0.88)	16.00 (0.63)	69.85 (2.75)	**908**	**908T**
2	35.31 (1.39)	51.56 (2.03)	51.56 (2.03)	23.88 (0.94)	19.05 (0.75)	85.85 (3.38)	**909**	**909T**

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Service Entrance Cable Connectors ①

NEC:
Listed for Ordinary Locations

Applications

- To secure service entrance cable snd nonmetallic sheathed to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

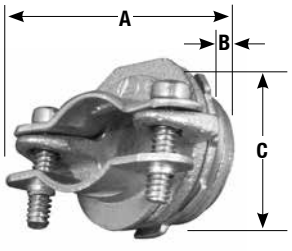
Standard Material/Finish

- Malleable iron/zinc electroplated

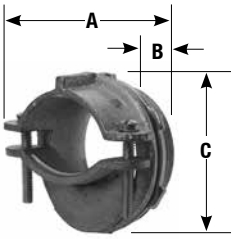
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Illustrated Dimensions



15233



15237

Trade Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	**15233**
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	**15234**
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	**15235**
1-1/2	40.4 (1.59)	20.6 (0.81)	20.6 (0.81)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	**15236**
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	**15237**

① *Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.*

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Service Entrance Cable Connectors ①

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure nonmetallic sheathed and service entrance cable to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material

- Zinc diecast

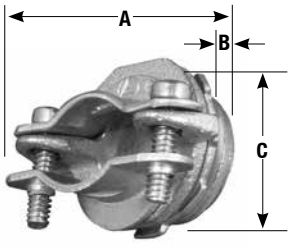
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233–DC

Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/4	20.6 (0.81)	6.4 (0.25)	9.7 (0.38)	14.2 (0.56)	42.9 (1.69)	5.13 (11.30)	**15233-DC**
1	26.2 (1.03)	9.7 (0.38)	14.2 (0.56)	12.7 (0.50)	49.3 (1.94)	7.94 (17.50)	**15234-DC**
1-1/4	26.2 (1.03)	9.7 (0.38)	16.0 (0.63)	16.0 (0.63)	55.6 (2.19)	10.43 (23.00)	**15235-DC**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

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NEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

Nonmetallic Sheathed Cable ① Connector With Cam Lock

Applications

- To ground and secure nonmetallic sheathed cable to boxes and enclosures.

Features

- Positive-stop locking action.
- Used with 14-2, 12-2 and 10-2 (with or without ground).

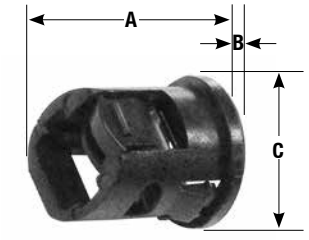
Standard Material

- Thermoplastic

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- NEMA: FB-1

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
1/2	27.7 (1.09)	3.3 (0.13)	25.4 (1.00)	0.59 (1.30)	**A-1** ②

Nonmetallic Sheathed Cable and Service Entrance Cable ① Connectors

Applications

- To secure service entrance cable snd nonmetallic sheathed to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

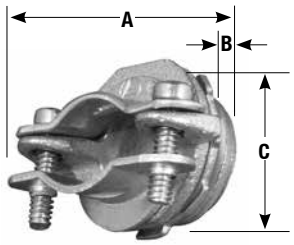
Standard Material/Finish

- Malleable iron/zinc electroplated

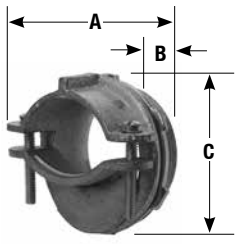
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Illustrated Dimensions



15233



15237

Trade Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/4	18.8 (0.74)	11.2 (0.44)	16.8 (0.66)	11.2 (0.44)	46.0 (1.81)	6.53 (14.40)	**15233**
1	24.6 (0.97)	12.7 (0.50)	16.8 (0.66)	14.2 (0.56)	51.6 (2.03)	9.53 (21.00)	**15234**
1-1/4	33.3 (1.31)	20.6 (0.81)	16.8 (0.66)	14.2 (0.56)	60.5 (2.38)	13.65 (30.10)	**15235**
1-1/2	40.4 (1.59)	20.6 (0.81)	20.6 (0.81)	19.1 (0.75)	66.8 (2.63)	24.04 (53.00)	**15236**
2	50.8 (2.00)	25.4 (1.00)	23.9 (0.94)	19.1 (0.75)	82.6 (3.25)	36.29 (80.00)	**15237**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.
② Not CSA certified.

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Nonmetallic Sheathed and Service Entrance Cable Connectors ①

NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure nonmetallic sheathed and service entrance cable to boxes and enclosures.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material

- Zinc diecast

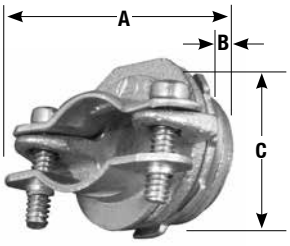
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E23237
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



15233–DC

Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches) Max.	Min.	Dimensions in Millimeters (Inches) A	B	C	Weight per 100 kg (lb)	Catalog Number
3/4	20.6 (0.81)	6.4 (0.25)	9.7 (0.38)	14.2 (0.56)	42.9 (1.69)	5.13 (11.30)	**15233-DC**
1	26.2 (1.03)	9.7 (0.38)	14.2 (0.56)	12.7 (0.50)	49.3 (1.94)	7.94 (17.50)	**15234-DC**
1-1/4	26.2 (1.03)	9.7 (0.38)	16.0 (0.63)	16.0 (0.63)	55.6 (2.19)	10.43 (23.00)	**15235-DC**

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

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Round Service Entrance Straps and Nails

For Round SE and NM Cables

CEC:
Listed for Ordinary Locations

Listed for Ordinary Locations

Type 14-G

Application

- To secure round SE and NM cable.

Standard Materials

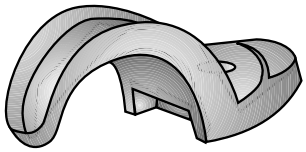
- Malleable iron

Standard Finishes

- Hot dipped galvanized

CEC Certifications and Compliances

- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: FF-S-760



Type 14–G

Type 333G

Application

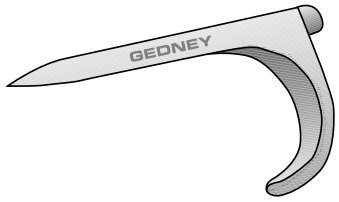
- To secure round SE and NM cable.

Standard Materials

- Malleable iron

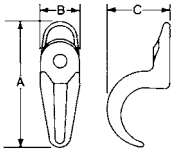
Standard Finishes

- Hot dipped galvanized



Type 333G

Illustrated Dimensions



Conduit Size Inches	Dimensions in Millimeters (Inches) A	B	C	Bolt Dia.	Catalog Number
1/8	49.28 (1.94)	12.70 (0.50)	12.70 (0.50)	#10	**14-18G**
1/4	40.39 (1.59)	14.99 (0.59)	16.00 (0.63)	6.35 (0.25)	**14-25G**
3/8	44.45 (1.75)	16. 00 (0.63)	19.05 (0.75)	6.35 (0.25)	**14-38G**

Dimensions in Millimeters (Inches) Trade Size (Inches)	Nail Length	Nominal Thickness	Catalog Number
1/2	55.63 (2.19)	4.83 (0.19)	**333G**
3/4	63.50 (2.50)	4.83 (0.19)	**334G**
1	73.15 (2.88)	4.83 (0.19)	**335G**

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NEER™ Aluminum Service Entrance Pulling Ells

For Threaded Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

SLB: Pulling Ells

Applications

- To provide access to the inside of a service raceway.
- For wire pulling where the raceway changes direction 90 degrees.
- Limited to No. 6 AWG maximum wire size. The maximum quantity of conductors is based on the maximum conductor fill for the trade size of the raceway (conduit).

Features

- Cover and gasket included.
- Hub in back sits flat on wall.

Standard Material/Finish

- Diecast aluminum/epoxy powder coat
- Gasket: fiber

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



SLB–50

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1/2	82.3 (3.24)	31.0 (1.22)	36.1 (1.42)	**SLB-50**
3/4	90.7 (3.57)	35.6 (1.40)	68.1 (2.68)	**SLB-75**
1	108.0 (4.25)	45.0 (1.77)	49.8 (1.96)	**SLB-100**
1-1/4	142.7 (5.62)	57.4 (2.26)	61.7 (2.43)	**SLB-125**
1-1/2	158.8 (6.25)	62.7 (2.47)	59.7 (2.35)	**SLB-150**
2	171.5 (6.75)	74.2 (2.92)	73.7 (2.90)	**SLB-200**

SLB-XL: Extra Long Pulling Ells

Applications

- To provide access to the inside of a service raceway.
- For wire pulling where the raceway changes direction 90 degrees.

Features

- Cover and gasket included.

Standard Material/Finish

- Diecast aluminum/epoxy powder coat
- Gasket: fiber

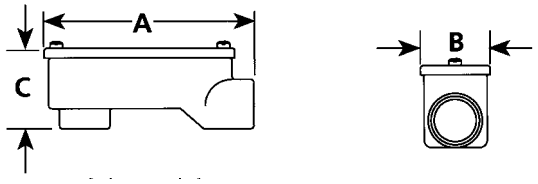
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E53330
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



SLB–125–XL

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1-1/4	199.9 (7.87)	65.0 (2.56)	59.7 (2.35)	**SLB-125-XL**
2	260.4 (10.25)	81.8 (3.22)	84.3 (3.32)	**SLB-200-XL**

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NEER™ Aluminum Entrance Caps

NEC:
Listed for Ordinary Locations

Applications

- Clamp type aluminum entrance caps for threaded or unthreaded rigid conduit, IMC or EMT service masts.

Standard Material

- ECO-100 thru ECO-101: zinc diecast
- ECO-102 thru ECO-109: aluminum/natural

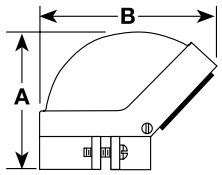
NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



ECO –100

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Insulator Holes No. Holes	Dia.	Catalog Number
1/2	68.6 (2.70)	82.6 (3.25)	4	19/64	**ECO-100**
3/4	71.1 (2.80)	92.5 (3.64)	2	3/8	**ECO-101**
			3	13/32	
1	86.4 (3.40)	105.4 (4.15)	2	7/16	**ECO-102**
			3	1/2	
1-1/4	84.3 (3.32)	117.1 (4.61)	2	27/64	**ECO-103**
			3	5/8	
1-1/2	120.7 (4.75)	147.1 (5.79)	2	19/32	**ECO-104**
			1	7/16	
			3	3/4	
2	146.1 (5.75)	175.3 (6.90)	2	3/4	**ECO-105**
			3	1	
			1	1-5/16	
2-1/2	177.8 (7.00)	266.7 (10.50)	3	7/8	**ECO-106**
			1	1	
			3	1-5/16	
3	215.9 (8.50)	298.5 (11.75)	4	1-1/8	**ECO-107**
			3	1-3/4	
3-1/2	215.9 (8.50)	311.2 (12.25)	4	1-1/8	**ECO-108**
			3	1-3/4	
4	222.3 (8.75)	317.5 (12.50)	4	1-1/8	**ECO-109**
			3	1-3/4	

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NEER™ Aluminum Entrance Caps

NEC:
Listed for Ordinary Locations

Applications

- Set screw type aluminum entrance caps for unthreaded rigid conduit or IMC service masts.

Standard Material

- Aluminum/natural

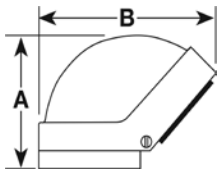
NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1



ECS–105

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Insulator Holes No. Holes	Dia.	Catalog Number
2	139.7 (5.50)	177.8 (7.00)	2 3 1	3/4 1 1-5/16	**ECS-105**
2-1/2	184.2 (7.25)	260.4 (10.25)	3 1 3	7/8 1 1-5/16	**ECS-106**
3	222.3 (8.75)	273.1 (10.75)	4 3	1-1/8 1-3/4	**ECS-107**
3-1/2	235.0 (9.25)	342.9 (13.50)	4 3	1-1/8 1-3/4	**ECS-108**
4	235.0 (9.25)	342.9 (13.50)	4 3	1-1/8 1-3/4	**ECS-109**

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NEER™ Service Entrance Caps and Straps

For SE/U Cable

NEC/CEC:
Rated for Ordinary Locations

1050: Combination Slip Fitter

Applications

- Weather resistant entrance cap for service drop conductors.

Features

- Slip fit.
- Phenolic insulator with multiple holes.
- For use outdoors in wet locations.

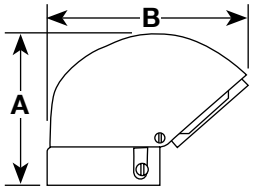
Standard Material/Finish

- Aluminum/natural



1050

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
2 x 1-1/4	102.9 (4.05)	120.1 (4.73)	**1050**
2-1/2 x 1	131.6 (5.18)	165.1 (6.50)	**1053**

1702: One Hole Stamped Steel Straps

Applications

- One hole strap for securing Type SE or Type USE cables.

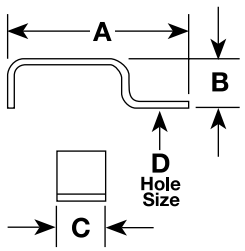
Standard Material/Finish

- Steel/zinc plated



1702

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	D	Catalog Number
2/3	49.5 (1.95)	17.0 (0.67)	19.1 (0.75)	6.4 (0.25)	**1702**
3/3	49.3 (1.94)	16.0 (0.63)	14.5 (0.57)	6.4 (0.25)	**1703**
6/4, 4/3	43.2 (1.70)	11.7 (0.46)	14.2 (0.56)	6.4 (0.25)	**1704**
1, 1/0 or 2/0	63.2 (2.49)	20.8 (0.82)	25.4 (1.00)	7.9 (0.31)	**1710**
3/0, 4/0	71.1 (2.80)	24.6 (0.97)	25.4 (1.00)	7.9 (0.31)	**1740**

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NEER™ PVC Entrance Caps

Threaded for Rigid Conduit and IMC

NEC/CEC:
Listed for Ordinary Locations

PVC: Entrance Caps



Applications

- Plastic entrance caps for rigid conduit, IMC, EMT or PVC conduit service mast.

Features

- Cover releases with screwdriver twist, no screws to back out.
- U-slots eliminate two piece insulator.
- Complete with EMT adapter.

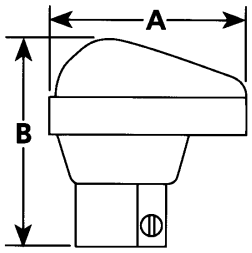
Standard Material

- PVC

NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E302405
- NEMA: FB-1

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
1/2	73.7 (2.90)	66.8 (2.63)	**PVC-100**
3/4	80.5 (3.17)	80.0 (3.15)	**PVC-101**
1	85.1 (3.35)	79.0 (3.11)	**PVC-102**
1-1/4	99.1 (3.90)	94.0 (3.70)	**PVC-103**
1-1/2	96.5 (3.80)	95.8 (3.77)	**PVC-104**
2	158.8 (6.25)	165.1 (6.50)	**PVC-105**

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NEER™ Zinc Two Screw Connectors For Service Entrance Cable

NEC/CEC:
Listed for Ordinary Locations

NEC/CEC:
Listed for Ordinary Locations

C: For Oval Service Entrance Cables

Applications

- To terminate oval Type SE or Type USE cable.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material/Finish

- Body: zinc diecast
- Clamp (C-750, C-1000): steel/zinc plated
- Clamp (C-1250, C-1500, C-2000): zinc diecast
- Screw: steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

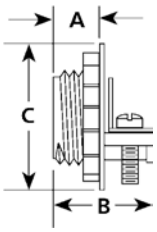


C–750 and C–1000



C–1250 thru C–2000

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	SE Range	Catalog Number
3/4	10.7 (0.42)	23.9 (0.94)	23.1 (0.91)	8-3, 6-3	**C-750**
1	13.0 (0.51)	28.2 (1.11)	30.5 (1.20)	6-3, 4-3	**C-1000**
1-1/4	15.2 (0.60)	33.3 (1.31)	47.5 (1.87)	3-3, 2-3	**C-1250**
1-1/2	15.0 (0.59)	33.8 (1.33)	51.1 (2.01)	3-2/0	**C-1500**
2	18.8 (0.74)	39.9 (1.57)	66.5 (2.62)	3-4/0	**C-2000**

① Not UL Listed or CSA Certified.
Note:
- *C-750 and C-1000 also listed for use with nonmetallic sheathed cable.*

C-R: For Round Service Entrance Cables

Applications

- To terminate round Type SE or Type USE cable.

Features

- Furnished with locknut.
- Male hub threads — NPS.

Standard Material/Finish

- Body: zinc diecast
- Clamp: steel/zinc plated
- Screw: steel/zinc plated

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

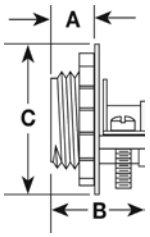


C–1001–R thru C–1501–R



C–2001–R

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	SER Range	Catalog Number
1	13.0 (0.51)	28.2 (1.11)	38.4 (1.51)	6-3, 4-3	**C-1001-R**
1-1/4	15.2 (0.60)	31.8 (1.25)	46.2 (1.82)	3-3, 2-3	**C-1251-R**
1-1/2	16.3 (0.64)	36.6 (1.44)	52.3 (2.06)	3-2/0, 3-3/0	**C-1501-R**
2	18.8 (0.74)	40.4 (1.59)	65.5 (2.58)	4-4/0	**C-2001-R** ①

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NEER™ Service Entrance Flashings

NEC/CEC:
Rated for Ordinary Locations

NC: No Caulk, Galvanized Steel

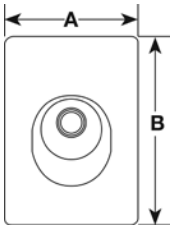
Applications

- These are used to provide a watertight connection between the roof line and service masts or ventilation pipes.

Standard Material

- NC and 1000: galvanized steel
- 1000-N: neoprene

Illustrated Dimensions



	Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	Catalog Number
NC: No Caulk, Galvanized				
	1-1/4 - 1-1/2	222.3 (8.75)	317.5 (12.50)	**NC-1069**
	2	225.6 (8.88)	317.5 (12.50)	**NC-1070**
	2-1/2 - 3-1/2	273.1 (10.75)	368.3 (14.50)	**NC-1071**
1000: Galvanized with Collar				
	2	273.1 (10.75)	368.3 (14.50)	**1070**
	2-1/2	273.1 (10.75)	368.3 (14.50)	**1071**
1000-N: All-Neoprene				
	1-1/4 - 1-1/2	228.6 (9.00)	285.8 (11.25)	**1069-N**
	2	228.6 (9.00)	292.1 (11.50)	**1070-N**
	2-1/2 - 3-1/2	228.6 (9.00)	292.1 (11.50)	**1071-N**
	3	254.0 (10.00)	342.9 (13.50)	**1072-N**

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NEER™ Service Entrance Wire Holders

NEC/CEC:
Rated for Ordinary Locations

1402: All Porcelain with Lag Screw

Applications

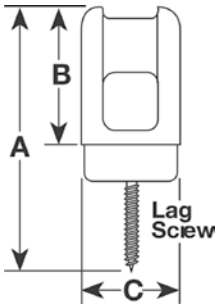
- To secure overhead service entrance drop to building exterior.
- For 600 volt ssrvices or less.

Standard Material/Finish

- Porcelain
- Screw: steel/zinc plated



Illustrated Dimensions



Lag Screw Length (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
2-1/4	136.1 (5.36)	78.0 (3.07)	47.0 (1.85)	**1402**

NEC/CEC:
Rated for Ordinary Locations

1401: Adjustable with Porcelain Insulator

Applications

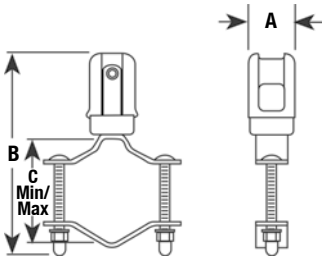
- Clamp-on adjustable wire holder for service entrance masts.
- May be used in other applications requiring insulator attachment to pipe.
- For 600 volt services or less.

Standard Material/Finish

- Clamps: porcelain/steel
- Screw: steel/zinc plated



Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1-1/4 x 2-1/2	41.1 (1.62)	184.2 (7.25)	4.00/101.6 (1.75/44.5)	**1401**

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NEER™ Service Entrance Connectors

NEC/CEC:
Listed for Ordinary Locations

UF: For Underground Cable

Applications

- Gland type connector for sealing and terminating. Type UF cable.

Standard Material/Finish

- Steel/zinc plated
- Grommet: neoprene

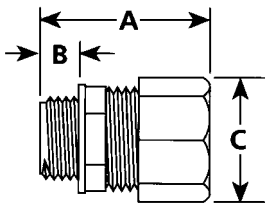
NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25015
- NEMA: FB-1



UF

Illustrated Dimensions



Trade Size (Inches)	Dimensions in Millimeters (Inches) A	B	C	Cable Range	Catalog Number
1/2	33.3 (1.31)	12.7 (0.50)	27.4 (1.08)	14-2 and 12-2 AWG	**UF-50**
3/4	38.4 (1.51)	13.2 (0.52)	33.8 (1.33)	14-3, 12-3, 10-3 and 8-2 AWG	**UF-75**

① *Not CSA certified*
** WC Note: Connector Selection: SE dimensions are based upon average dimensions given by various manufacturers of cable. Individual manufacturers vary. Actual dimensions must be checked and proper fittings selected based upon "grommet range minimum" column.*

NEC/CEC:
Listed for Ordinary Locations

WC: For Oval SE/U Cable

Applications

- For terminating and sealing service entrance cable entering an enclosure or conduit hub.

Standard Material/Finish

- Body: zinc diecast
- Compression washer: steel/zinc plated
- Grommet: neoprene

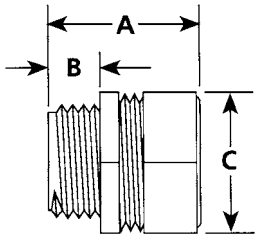
NEC/CEC Certifications and Compliances

- WC-1004 thru WC-2004N, except WC-1501 and WC-2001 UL Listed: E37336
- WC-1004 thru WC-2004N CSA Certified: LR14489



WC

Illustrated Dimensions



Trade Size (Inches)	Grommet ① Minimum	Opening Maximum	Dimensions in Millimeters (Inches) A	B	C	Catalog Number
1	0.50 (0.32)	0.80 (0.50)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	**WC-1004**
1	0.71 (0.40)	0.70 (0.44)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	**WC-1006**
1	0.81 (0.44)	0.63 (0.40)	39.6 (1.56)	14.0 (0.55)	38.1 (1.50)	**WC-1008**
1-1/4	0.93 (0.51)	0.85 (0.57)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	**WC-1252**
1-1/4	0.87 (0.48)	0.85 (0.51)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	**WC-1253**
1-1/4	1.05 (0.57)	0.94 (0.66)	50.5 (1.99)	15.5 (0.61)	46.7 (1.84)	**WC-1252N**
1-1/2	1.10 (0.65)	1.19 (0.70)	55.4 (2.18)	15.7 (0.62)	54.6 (2.15)	**WC-1501**
1-1/2	1.20 (0.70)	1.23 (0.74)	55.4 (2.18)	15.7 (0.62)	54.6 (2.15)	**WC-1502**
2	1.10 (0.65)	1.19 (0.70)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	**WC-2001**
2	1.20 (0.70)	1.23 (0.74)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	**WC-2002**
2	1.30 (0.75)	1.41 (0.83)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	**WC-2003**
2	1.43 (0.84)	1.53 (0.89)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	**WC-2004**
2	1.58 (0.94)	1.58 (1.00)	61.2 (2.41)	19.3 (0.76)	65.3 (2.57)	**WC-2004N**

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NEC:
Listed for Ordinary Locations

NEER™ Duct Sealing Compound

Applications

- NEER™ sealer is used primarily by the building and specifically by the electrical trade to seal around junction boxes, flashings and service mast entries. It can be shaped by hand to any form and reused if necessary. NEER™ duct seal has countless other applications in the refrigeration, heating and cooling, plumbing and metal-fabrication fields. It is an excellent general purpose sealant around the home.

Features

- FDA Approved as listed in CFR, Title 21 being composed of ingredients acceptable for packaging and transporting food.
- Chemically acceptable to the U.S.D.A. for use in meat and poultry processing areas under Federal Inspection.
- Dielectric strength: approximate 100 volts per mil (ASTM D149-64).
- Resistivity: 1.5.1 @ 100 °C (212 °F)/. .4.8 x 109 ohm-cm 1.5.2 after 96 hours @ 115 °C (239 °F). 4.8 x 1010 ohm-cm (ASME power test code of 1965, Section 40.5).
- NEER™ duct seal may be painted immediately after application and will not bleed through the dry paint film.
- Non-corrosive: will not corrode metal.
- Non-irritant: no irritation to eyes or skin as listed in CFR, Title 16, “Appraisal of the safety of chemicals in food, drugs and cosmetics.”
- This sealer is a gray, permanently soft, non-toxic, non-volatile compound which will adhere to most clean, dry surfaces.



DC–10

Physical and Chemical Characteristics

- Base: non-drying synthetic polymers and oils.
- No unpleasant odor.
- Temperature tolerance range: -34.4 °C (-30 °F) to +79.4 °C (+175 °F). Will not slump at +135 °C (+275 °F) for brief periods.
- Fillers: saturated mineral fillers and other inert ingredients.
- Cone penetration: (ASTM D217-52T) modified to total moving load of 300 gm., 5 sec. @ +25 °C (+77 °F); 100-115 mm/10.
- Non-volatile (solids): 100.
- Specified gravity: 1.65 to 1.7 (ASTM D71-72).
- Temperature usage range (recommended): -3.9 °C (+25 °F) to +48.9 °C (+120 °F).
- Shelf life: unlimited.

NEC Certifications and Compliances

- UL Standard: 723
- UL Listed: R11682e

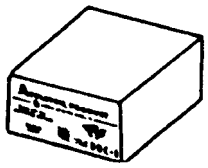
Size kg (lb)	Catalog Number
0.45 (1.00)	**DC-10**
2.27 (5.00)	**DC-50**

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NEER™ Duct Sealing Compound

NEC:
Listed for Ordinary Locations

Appleton™ Duct Sealing Compound



DUC–1

Applications

- Appleton™ Duct sealing weatherproof compound is used to seal around junction boxes, flashings and service mast entries for enhanced protection.

NEC Certifications and Compliances

- UL Standard: 723
- UL Listed: E10627, E-14814

Size kg (lb)	Catalog Number
0.45 (1.00)	**DUC-1**
2.27 (5.00)	**DUC-5**

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Reels and Switches

Description	Page	NEC	CEC	ATEX/ IEC
Cord and Cable Reels General Duty				
7S Continuous Swivel 7P Portable Series	568	X	X	
Cord and Cable Reels Heavy Duty				
RL5000 Heavy Duty Commercial Industrial Cord Reels	570	X	X	
Ordinary Location Powercords				
McGill™ Extension Cords	574	X		
McGill™ Nyloc Safety Grip Plugs Connectors	575	X		
McGill™ Ground Fault Circuit Interrupters	576	X	X	
McGill™ Sensing–Safti–Gard Motor Controls	577	X	X	
McGill™ LOCKBOX Electrical Plug Lockout	578	X	X	
Ordinary Location Switches				
McGill™ 0852 0862 Rocker Switches	574	X	X	
McGill™ 0801 0821 0811 0831 Rocker Switches	575	X	X	
McGill™ 0851 0861 Lighted Rocker Switches	576	X	X	
McGill™ 4125 90 Single Pole Toggle Switches	577	X	X	
McGill™ 0121 0140 Multi Pole Toggle Switches	578	X	X	
McGill™ Momentary Contact Pushbutton Switches	597	X	X	
McGill™ Switches Parts Accessories	598	X	X	



7S Series



RL5000 Series



Extension Cords



Plug Connector



GFCi



LOCKBOX



0852/0862 Series



0801/0821 and 0811/0831 Series



0851/0861 Series



4125/90 Series



0121/0140 Series



Momentary Contact Pushbutton

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7S Continuous Swivel 7P Portable Series

Available with or without handlamps

Furnished with 18-3 (2 wire plus safety ground) yellow SJOOW-A cord.

NEC/CEC:
Listed for Ordinary Locations

Applications

- A safe and convenient source of retractable power cord for:
  - — Portable lighting
  - — Power supply
  - — General utility service

Features

- 7S and 7SV Series
  - — Enclosed construction.
  - — Furnished with 7.6 meters (25 feet) of yellow, extra flexible, 18-3 SJOOW-A cord (2-conductor plus safety ground).
  - — High quality, double copper brushes.
  - — Locking ratchet holds cord at desired length.
  - — Adjustable ball stop controls return limit of retractable cord.
  - — Hubs in all covers have integral bushings to protect conductor insulation from damage. Hub plate openings are smooth.
  - — Continuous 360° patented swiveling action without power interruption or tangling of cord.
  - — 7S Series offers choice of hand-lamps available as accessories.
  - — 7SV Series includes NEMA 4X (enclosed and gasketed) handlamp to accommodate up to 100 Watt lamp, 6.1 meters (20 feet) of SJOOW-A cord.
  - — Models available with built-in automatic switch which activates light when cord is pulled out.
  - — Convenient flush type mounting ring fits 4" octagonal outlet box or fuse bracket.
  - — Accessory bracket permits wall mounting.
  - — Supplied with handlamp to accommodate up to 100 Watt lamp.

Standard Materials

- Reels: steel construction
- Cord: type SJOOW-A, yellow thermoset jacket, oil-resistant, 300 Vac rating

Standard Finishes

- Gray hammer epoxy/polyester powder coat

NEC/CEC Certifications and Compliances

- UL Listed: E4961
- UL Standard: 355
- CSA Listed: LR3060
- Meets OSHA requirements



7S Series



7SV Series

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7S Continuous Swivel 7P Portable Series

Available with or without handlamps

Furnished with 18-3 (2 wire plus safety ground) yellow SJOOW-A cord.

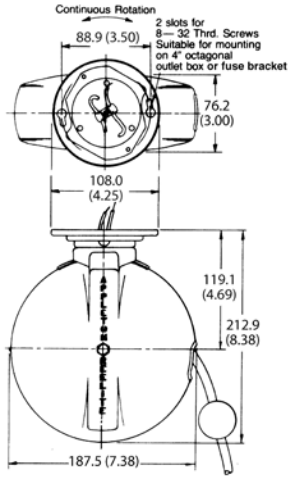
NEC/CEC:
Listed for Ordinary Locations

Description	Cord Length Meters (Feet)	Cord Size	Rating Amp/Voltage	Catalog Number
7S continuous swivel, grounded Reelite™				
Less handlamp. Max. accessory weight: 560 grams (20 oz). Handlamps ① available. Furnished with yellow SJOOW-A cord and RE-FB4 fuse bracket assembly.	7.6 (25)	18-3 SJOOW-A	4 Amp, 125 Vac	**RE-7S2G**

Accessories

	Description	Catalog Number
	**Ball Stop** Yellow 2-piece split design permits installation without disconnecting handlamp or receptacle on end of cord. Made of polypropylene. Installs on SJOOW-A cord used on all Appleton portable reels.	**RE-PBS-1**
	**Handlamps** Handlamps are available as optional accessories. For ordering information refer to the *Lighting: Portable Lighting Section*	

Dimensions in Millimeters (Inches)



① *See Lighting section, Portable Lighting.*

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RL5000 Heavy Duty Commercial Industrial Cord Reels

NEC/CEC:
Listed for Ordinary Locations

Applications

- Commercial/industrial, 15.2 meter (50 foot) portable cord reel to safely transfer a continuous retractable power supply, portable lighting or general utility service.
- All steel construction for dry location application and suitable for base down, ceiling or wall mounting.
- Typical applications include industrial/MRO, warehouse, loading docks, commercial building, OEM machinery and equipment, OSHA regulated service garages, muffler and oil change shops, institutions and state agencies.
- Design options for single or three phase power source 250 Vac maximum and supplied with #16 or #14 gauge three conductor or #14 gauge four conductor SJOOW-A, 300 Vac cord.

Features

- All steel construction provides added strength for rugged commercial/industrial dry location service.
- Available in 15.2 meter (50 foot)/ #16 gauge– 3 conductor, 15.2 meter (50 foot) #14 gauge– 3 conductor, and 13.7 meter (45 foot) #14 gauge– 4 conductor. All with high visibility, yellow 300 Vac jacket, UL and CSA approved oil resistant thermoset cord.
- Collector ring and brush assembly rated at 15 Amp, 250 Vac, three conductor (single phase) and four conductor (three phase) construction.
- 0.9 meter (3 foot) lead in power cord provides portable connection installation.
- Compact design offers long cable capacity in a small unit, advantageous to the OEM manufacturers.
- Overhung drum design offers simple field cable tension adjustment without cable disconnection.
- Adjustable cable guide provides for various reel mounting positions.
- Cable locking ratchet (included as standard) holds cable at desired length. Ratchet can be disengaged when constant cable tension is desired.
- Power is automatically turned off when all cable is retracted back into the reel.

Standard Materials

- Base, drum, spring cartridge cover and cable guide arm: steel
- Brush cover: aluminum
- Cable outlet guide: Acetal
- Collector rings: brass
- Brushes: high density copper graphite
- Cord: high visibility yellow type SJOOW-A thermoset, 300 Vac rating

Standard Finishes

- Base and housing: gray hammer epoxy/polyester powder coat
- Drum: black epoxy powder coat



NEC/CEC Certifications and Compliances

- UL Listed: E4961
- UL Standard: 355
- Reels with handlamps are UL Listed.
- Reels without handlamps are UL Recognized Components.
- CSA Listed: LR3060

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RL5000 Heavy Duty Commercial Industrial Cord Reels

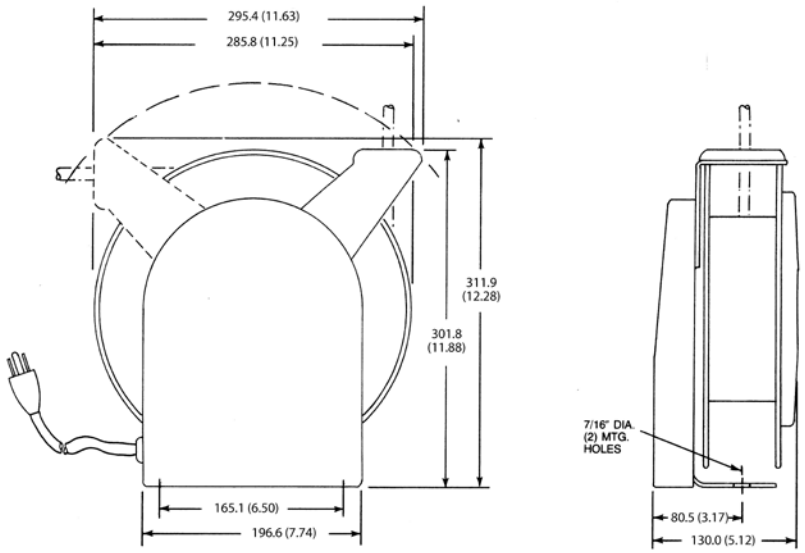
NEC/CEC:
Listed for Ordinary Locations

	Description	Cord Length Meters (Feet)	Cord Size	Rating	Catalog Number
	**Portable grounded cord reel**				
	With locking ratchet ①. No handlamp or accessories.	15.2 (50)	16-3	9 Amp, 125 Vac	**RL5360**
	With locking ratchet ①. No handlamp or accessories.	15.2 (50)	14-3	13 Amp, 125 Vac	**RL5340**
	With locking ratchet ①. No handlamp or accessories.	13.7 (45)	14-4	11 Amp, 250 Vac	**RL5440**

Accessories

	Description	Weight Each Grams (oz)	Catalog Number
	**Power outlet box** Non-conductive rubber and plastic construction with two-duplex 3-wire, 15 Amp, 125 Vac receptacles. Cable range: .325"-.655"	553.0 (19.50)	**RE-PPB**
	**Shock-absorbing ball stop**	—	**RE-PBS-2**

Dimensions in Millimeters (Inches)



① *See the Appleton™ Light Catalog for additional handlamp options.*

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McGill™ 8600 AUTO–LOC Cord Reels

NEC/CEC:
Listed for Ordinary Locations



Applications

- Weather-tight, dust-tight construction for heavy-duty industrial applications.
- Ideal for hoists, electric tools, and moving equipment.

Features

- Corrosion resistant.
- Sufficient spring tension to provide no more than 10% sag when cable is stretched horizontally.
- Fully adjustable four roller cable guide to minimize cable wear.
- Long life, self-contained mainspring.
- Furnished with black SO cable 3 and 4 conductors.
- Models available with and without handlamp.
- Removable ratchet for application flexibility.
- 30 Amp, 600 V modular collector ring designed for long service life.
- 330° pivot bases available.
- 1" NPT line entry in junction box.

Standard Materials

- Aluminum die cast/yellow polyester powder coat

NEC/CEC Certifications and Compliances

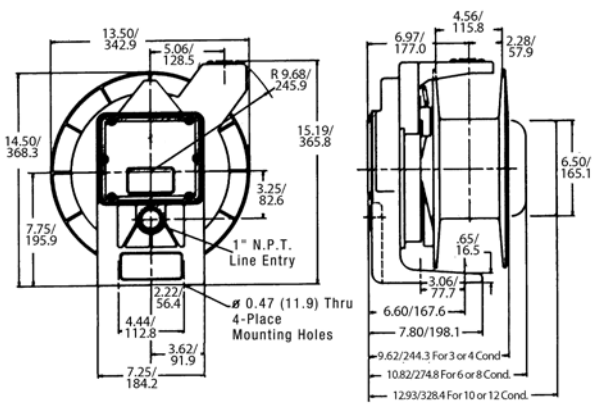
- UL Listed: E53326
- UL Standard: 355
- CSA Approved
- NEMA 4

		Catalog Numbers				
SO Cord Type	**Rating ①**	**15.2 m (50') Cord**	**13.7 m (45') Cord**	**10.7 m (35') Cord**	**9.1 m (30') Cord**	**7.6 m (25') Cord**
16/4	7 Amp	**8638**	—	—	**8634**	—
16/3	9 Amp	**8628**	—	—	—	
14/4	11 Amp	—	**8667**	—	—	**8663**
14/3	13 Amp	**8658**	—	—	—	—
12/4	14 Amp	—	—	—	**8694**	—
12/3	18 Amp	—	—	**8685**	—	—

Accessories and Replacement Parts

Description	Catalog Number
Ball stop for 8600 series cord reels (sold separately)	**8600-001**

Dimensions in Millimeters (Inches)



① *Cord reel with handlamp rated at 125 Vac.*

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McGill™ 8700 AUTO–LOC Heavy Duty Cord Reels

NEC/CEC:
Listed for Ordinary Locations

Applications

- Weather-tight, dust-tight construction for heavy-duty industrial applications
- Ideal for hoists, electric tools, and moving equipment

Features

- Weather-tight, dust-tight construction for heavy-duty industrial applications.
- Corrosion resistant.
- Sufficient spring tension to provide no more than 10% sag when cable is stretched horizontally.
- Fully adjustable four roller cable guide to minimize cable wear.
- Long life, self-contained mainspring.
- Furnished with black SO cable up to 12 conductors.
- Removable ratchet for application flexibility.
- 30-75 Amp, 600 V modular collector ring designed for long service life.
- 330° pivot bases available for 2-6 conductor reels.
- 1" NPT line entry in junction box.

Standard Materials

- Heavy gauge steel/yellow powder polyester coat
- 8701-8712 die cast aluminum



NEC/CEC Certifications and Compliances

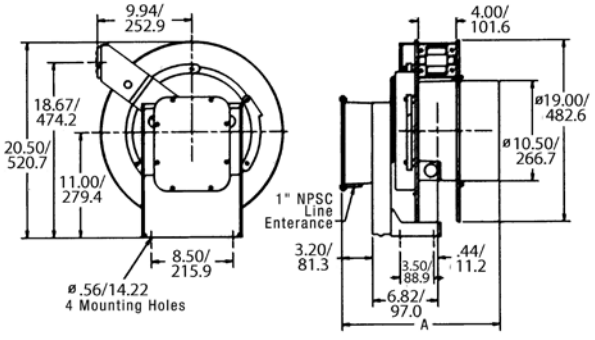
- 8706 and 8707 models are UL Listed: E53326
- UL Standard: 355
- 8706 and 8707 models are CSA Certified
- NEMA 4

		Catalog Numbers		
SO Cord Type	**Rating**	**21.3 m (70') Cord**	**15.2 m (50') Cord**	**12.2 m (40') Cord**
12/4	14 Amp	—	—	**8707**
12/3	18 Amp	**8729**	**8706**	—

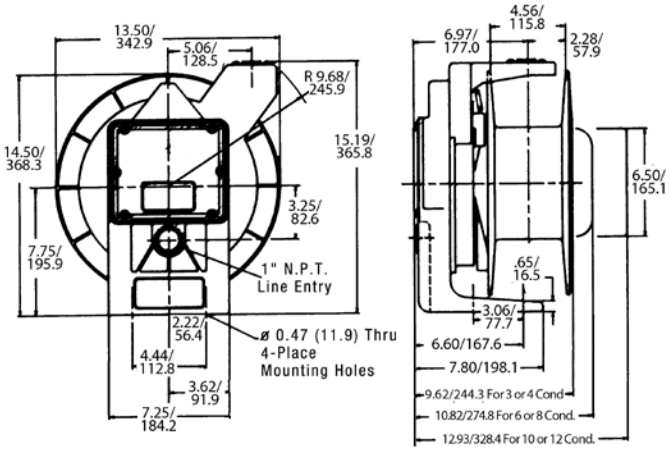
Accessories and Replacement Parts

Description	Catalog Number
Ball stops	
For reels with 16 ga.; 14 ga. 3, 4, and 6 conductor; 12 ga. 3 and 4 conductor; 10/3 cord (cord dia. .430-.750")	**8600-001**

Dimensions in Millimeters (Inches)



8701–8712 Series



8713–8747 Series

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McGill™ Extension Cords

NEC:
Listed for Ordinary Locations

Applications

- Heavy-duty industrial grade cords withstand rough use.

Features

- Yellow thermoplastic SJTW and STO cords and plugs resist oil and other corrosive elements.
- Available in a variety of lengths and sizes.
- SJOW — Junior hard service, 300 Volt, oil-resistant, all-weather cord.
- SJTW — Junior hard service, 300 Volt, thermoplastic, all-weather cord.
- STO — Hard service, 600 Volt, thermoplastic, oil-resistant cord.

NEC Certifications and Compliances

- UL Listed: E22006
- Meets OSHA requirements



5351–0623

	Catalog Numbers			
Cord Type ①	**7.6 m (25') Length**	**15.2 m (50') Length**	**22.9 m (75') Length**	**30w.5 m (100') Length**
16/3-SJTW	**5351-0623** ②	**5351-0653** ②	**5351-0673**	**5351-0613**
14/3-STO	**5351-0423**	—	**5351-0473**	—
14/3-SJOW	—	**5351-0453**	—	**5351-0413**
12/3-STO	**5351-0223**	—	**5351-0273**	—
12/3-SJOW	—	**5351-0253**	—	**5351-0213**

① Cord supplied may be equivalent or better than listed.
② Cords with molded plugs. All others have yellow 515P plugs and 515C connectors attached.

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McGill™ Nyloc Safety Grip Plugs Connectors

NEC:
Listed for Ordinary Locations

Applications

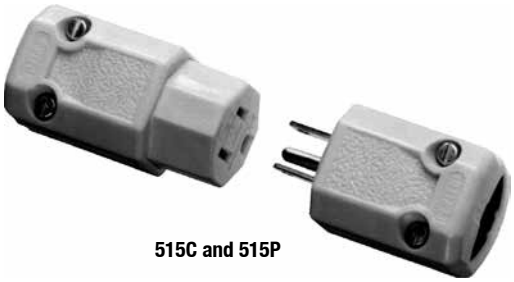
- Ideal for fast, easy wiring.

Features

- Durable yellow nylon construction with nylon cord grip eliminates need for exposed metal, enhancing safety and durability.
- Non-metallic cord grips.

Certifications and Compliances

- UL Listed: E44590
- Meets OSHA requirements
- Meets NEMA and ANSI specifications



515C and 515P

Description	Rating	Catalog Number
2 pole; 3 wire straight blade plug	15 Amp, 125 Vac	**515P**
2 pole; 3 wire straight blade connector	15 Amp, 125 Vac	**515C**

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McGill™ Ground Fault Circuit Interrupters

NEC/CEC:
Listed for Ordinary Locations

Applications

- Protects people and equipment by interrupting electrical power when loads have a potentially lethal ground current in excess of 6 milliamps.
- The portable construction enables use of these devices in a variety of applications, such as power tools or hand lamps.
- Indoor/Outdoor usage.

Features

- Manual reset is required after trip (fault) condition or power outage occurs to prevent unmonitored equipment start-up.
- 15 and 20 Amp, 120 and 240 Volt, 60 Hz models available.
- 4-6 milliamp trip level.
- Provides protection in 3 wire circuits.
- Mechanical trip indicator to show power “ON”.
- Rugged construction for long lasting durability.
- Grounded neutral — 4 ohms typical.
- Open neutral protection.
- Radio frequency interference suppression to protect against nuisance tripping.

NEC/CEC Certifications and Compliances

- UL Listed: E165783
- CSA Approved



5002–0518 **5002–0511** **5002–0512** **5002–0510**



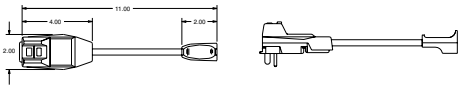
5002–0520



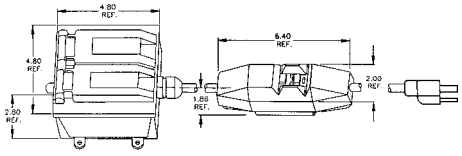
5002–0528

	NEMA Configuration Number	Rating	Catalog Number
GFCI cord set, 274 mm (11”) long	5-15P/R	15 Amp, 120 Vac	**5002-0510**
User attachable GFCI portable power plug	5-15P	15 Amp, 120 Vac	**5002-0511**
User attachable in-line GFCI, dual voltage	—	15 - 20 Amp, 120 - 240 Vac	**5002-0512**
GFCI cord set, 1.83 m (6’) long with tri-tap receptacle	5-15P/R	15 Amp, 120 Vac	**5002-0518**
GFCI protected quad box ①	5-20P/R	20 Amp, 120Vac	**5002-0519**
In-line GFCI with plug and receptacle attached	5-15P/R	15 Amp, 120 Vac	**5002-0520**
In-Line GFCI with plug and tri-tap molded power block attached	5-15P/R	15 Amp, 120 Vac	**5002-0528**

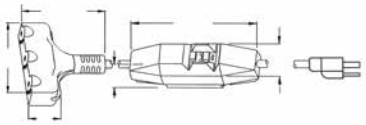
Dimensions in Inches/Millimeters



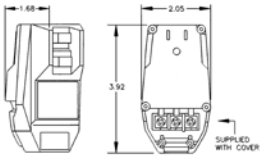
5002–0510



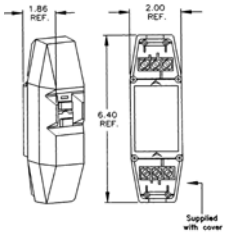
5002–0519



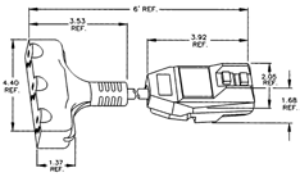
5002–0528



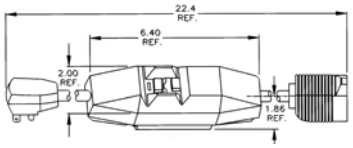
5002–0511



5002–0512



5002–0518



5002–0520

① *2 of the 4 receptacles are T-slotted to allow both 15 and 20 amp tools, with either NEMA 5-15 or 5-20 plugs.*

Visit our website at www.appleton.emerson.com or contact us at (800) 621-1506.
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McGill™ Sensing–Safti–Gard Motor Controls

NEC/CEC:
Listed for Ordinary Locations

Applications

- These motor controls help prevent accidental machine start up after a voltage drop or power interruption.
- It is intended for installation on equipment that is driven by a small electrical motor, operating on 120 Vac or 240 Vac (single phase) and is connected to electrical power by means of 14 gauge, 3 wire flexible cord.
- Upgrades small machines to the latest safety requirements by preventing automatic restart accidents following voltage drop or power interruption.
- Replaces old, frayed, dangerous, and ungrounded power cords.



506

Features

- An added sensor won't allow the Sensing-Safti-Gard to reset until your equipment switch has been turned off.
- Permits use of machine ON/OFF switch.
- Easy installation.
- Meets OSHA, NEC, and NFPA safety standards.

NEC/CEC Certifications and Compliances

- UL and cUL Recognized
- UL Listed: E78258

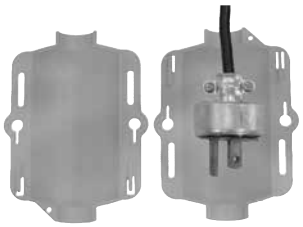
	Electrical Rating	Catalog Number
508 mm (20") cord on equipment switch end; 2.44 m (8') cord w/molded plug on power end	120 Vac, 15 Amp, 3/4 HP motor max., 50/60 Hz	**506**
508 mm (20") cord on equipment switch end; 2.44 m (8') cord on power end (no plug)	120 Vac, 18 Amp, 1 HP motor max., 50/60 Hz	**507**
508 mm (20") cord on equipment switch end; 2.44 m (8') cord on power end (no plug)	200-240 Vac, 15 Amp (single phase), 2 HP motor max., 50/60 Hz	**508**
356 mm (14") cord on male plug end; 305 mm (12") cord on female receptacle end	120 Vac, 15 Amp, 3/4 HP motor max., 50/60 Hz	**509**

There is no direct replacement for previous Catalog Number 505, as the new case size does not allow it to be plugged into a duplex type outlet. Choose Catalog Number 506 or, for new machines with a good power cord, choose Catalog Number 509.

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McGill™ LOCKBOX Electrical Plug Lockout

NEC/CEC:
Rated for Ordinary Locations



Applications

- Provides a positive lockout of the plug for cord connected electrical equipment when performing maintenance and service activities.
- LOCKBOX is a lockable enclosure that allows personnel to work safely and confidently on electrical equipment without fear of unexpected or unauthorized start-up.

Features

- Provisions for up to two locks.
- Accepts padlocks up to 3/8" shackle diameter.
- OSHA compliant when installed according to instructions.
- Indoor or outdoor use.
- Highly visible, safety yellow body.
- Holes for optional I.D. tag to indicate ownership.

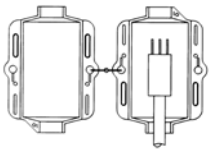
Standard Materials

- High impact U.V. polymer

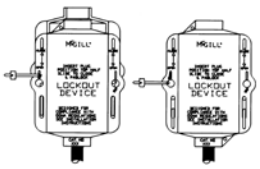
Description	Catalog Number
LOCKBOX Electrical Plug Lockout	**5005-0530**

Illustrated Features

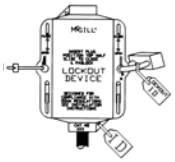
Easy to Use



1. Open LOCKBOX

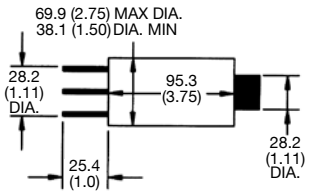


2. Close and Slide



3. Lock and tag

Dimensions in Millimeters (Inches)



Recommended maximum plug size (inches)

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McGill™ 0852/0862 Series Rocker Switches

NEC/CEC:
Listed for Ordinary Locations

Applications

- The 0852/0862 Series rocker switches are available in single pole (0852) and double pole (0862), unlighted and lighted models. These switches are equipped with nylon snap-in brackets. They are Vac rated switches also suitable for low voltage Vdc applications.

Features

- Designed to fit full-size rectangular cutouts. Angled corners are suggested for optimum fit, but standard rectangular cutouts are acceptable.
- Curved rockers with Illuminated single or dual lens to fit your style and functional requirements.
- 1/4" Quick connect terminals standard on all switches.
- Rocker style: curved/smooth face matte.
- Bracket style: smooth face matte.
- 125 Vac Incandescent lamp.
- 12 Vdc or 28 Vdc Neon lamp.

Standard Materials

- Contacts: silver plate
- Terminals: brass or copper
- Base: phenolic +150 °C (+302 °F)
- Rocker/bracket: nylon 66 +105 °C (+221) °F

NEC/CEC Certifications and Compliances

- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant



0862-2302N


0862-1301N


0852-0011N


0862-2312N

Circuitry A	Circuitry B	Circuitry C	Rocker Color	Lamp Voltage ①	Single Pole Poles	Single Pole Rating	Single Pole Catalog Number	Double Pole Poles	Double Pole Rating	Double Pole Catalog Number
Non-lighted versions										
ON	—	OFF	White	—	SPST		**0852-0001N**	DPST		**0862-0001N**
ON	OFF	ON	White	—	SPDT		**0852-0002N**	DPDT		**0862-0002N**
ON	—	ON	White	—	SPST		**0852-0003N**	DPST		**0862-0003N**
(ON)	—	OFF	White	—	SPST		**0852-0004N**	DPST		**0862-0004N**
ON	—	OFF	Black	—	SPST		**0852-0011N**	DPST		**0862-0011N**
ON	OFF	ON	Black	—	SPDT	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125-250 Vac	**0852-0012N**	DPDT	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac	**0862-0012N**
ON	—	ON	Black	—	SPST		**0852-0013N**	DPST		**0862-0013N**
(ON)	—	OFF	Black	—	SPST		**0852-0014N**	DPST		**0862-0014N**
ON	—	OFF	Red	—	SPST		**0852-0021N**	DPST		**0862-0021N**
ON	OFF	ON	Red	—	SPDT		**0852-0022N**	DPDT		**0862-0022N**
ON	—	ON	Red	—	SPST		**0852-0023N**	DPST		**0862-0023N**
(ON)	—	OFF	Red	—	SPST		**0852-0024N**	DPST		**0862-0024N**

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.

① Lamp voltage determines switch voltage rating.

Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

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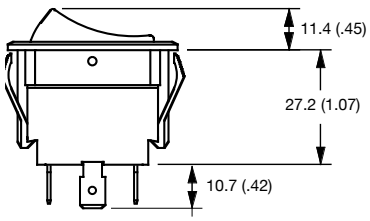
EMERSON

McGill™ 0852/0862 Series Rocker Switches

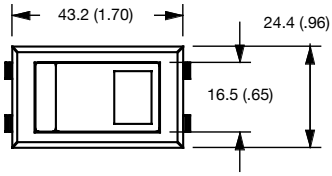
NEC/CEC:
Listed for Ordinary Locations

Circuitry A	Circuitry B	Circuitry C	Rocker/ Lens Color	Lamp Voltage ①	Poles	Single Pole Rating	Single Pole Catalog Number	Poles	Double Pole Rating	Double Pole Catalog Number
Lighted versions										
ON	—	OFF	White/Clear	125 Vac	SPST		**0852-1101N**	DPST		**0862-1101N**
ON	—	OFF	White/Red	125 Vac	SPST		**0852-1301N**	DPST		**0862-1301N**
ON	—	OFF	White/Green	125 Vac	SPST		**0852-1401N**	DPST		**0862-1401N**
ON	—	OFF	Black/Clear	125 Vac	SPST		**0852-1111N**	DPST		**0862-1111N**
ON	—	OFF	Black/Red	125 Vac	SPST	15 Amp, 125 Vac 10 Amp, 250 Vac 1/2 HP, 125 Vac 1/2 HP, 250 Vac	**0852-1311N**	DPST	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125 Vac	**0862-1311N**
ON	—	OFF	Black/Green	125 Vac	SPST		**0852-1411N**	DPST		**0862-1411N**
ON	—	OFF	Red/Clear	125 Vac	SPST		**0852-1121N**	DPST		**0862-1121N**
ON	—	OFF	Red/Red	125 Vac	SPST		**0852-1321N**	DPST		**0862-1321N**
ON	—	OFF	Black/Clear	12 Vdc	SPST		**0852-4111N** ②	DPST		**0862-4111N** ②
ON	—	OFF	Black/Red	12 Vdc	SPST		**0852-4311N** ②	DPST		**0862-4311N** ②
ON	—	OFF	Black/Clear	28 Vdc	SPST		**0852-5111N** ②	DPST		**0862-5111N** ②
ON	—	OFF	Black/Red	28 Vdc	SPST		**0852-5311N** ②	DPST		**0862-5311N** ②
ON	OFF	ON	White/Clear	125 Vac	SPDT		**0852-2102N**	DPDT		**0862-2102N**
ON	OFF	ON	White/Red	125 Vac	SPDT		**0852-2302N**	DPDT		**0862-2302N**
ON	OFF	ON	White/Green	125 Vac	SPDT		**0852-2402N**	DPDT		**0862-2402N**
ON	OFF	ON	Red/Clear	125 Vac	SPDT		**0852-2112N**	DPDT		**0862-2112N**
ON	OFF	ON	Black/Red	125 Vac	SPDT	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125 Vac 3/4 HP, 250 Vac	**0852-2312N**	DPDT	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125 Vac	**0862-2312N**
ON	OFF	ON	Black/Green	125 Vac	SPDT		**0852-2412N**	DPDT		**0862-2412N**
ON	OFF	ON	Red/Clear	125 Vac	SPDT		**0852-2122N**	DPDT		**0862-2122N**
ON	OFF	ON	Red/Red	125 Vac	SPDT		**0852-2322N**	DPDT		**0862-2322N**
ON	OFF	ON	Black/Clear	12 Vdc	SPDT		**0852-4112N** ②	DPDT		**0862-4112N** ②
ON	OFF	ON	Black/Red	12 Vdc	SPDT		**0852-4312N** ②	DPDT		**0862-4312N** ②
ON	OFF	ON	Black/Clear	28 Vdc	SPDT		**0852-5112N** ②	DPDT		**0862-5112N** ②
ON	OFF	ON	Black/Red	28 Vdc	SPDT		**0852-5312N** ②	DPDT		**0862-5312N** ②
ON	—	ON	White/Clear	125 Vac	SPST		**0852-2103N**	DPST		**0862-2103N**
ON	—	ON	White/Red	125 Vac	SPST		**0852-2303N**	DPST		**0862-2303N**
ON	—	ON	White/Green	125 Vac	SPST	15 Amp, 125 Vac 10 Amp, 250 Vac 1/2 HP, 125 Vac 1/2 HP, 250 Vac	**0852-2403N**	DPST	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125 Vac	**0862-2403N**
ON	—	ON	Black/Clear	125 Vac	SPST		**0852-2113N**	DPST		**0862-2113N**
ON	—	ON	Black/Red	125 Vac	SPST		**0852-2313N**	DPST		**0862-2313N**
ON	—	ON	Black/Green	125 Vac	SPST		**0852-2413N**	DPST		**0862-2413N**
ON	—	ON	Red/Clear	125 Vac	SPST		**0852-2123N**	DPST		**0862-2123N**
ON	—	ON	Red/Red	125 Vac	SPST		**0852-2323N**	DPST		**0862-2323N**

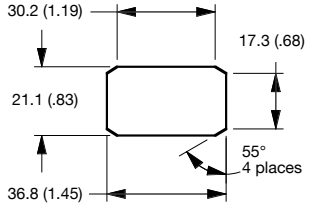
Dimensions in Millimeters (Inches)



Side View



Top View



Panel Thickness:
.04/1.0 min. - .25/6.4 max.

Mounting Hole

Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.
① Lamp voltage determines switch voltage rating
② Not CSA or UL Approved

Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

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McGill™ 0801/0821 and 0811/0831 Series Rocker Switches

NEC/CEC:
Listed for Ordinary Locations

Applications

- Suitable for 20 Amp, 12 Vdc applications.
- Recognized for reliable, long service life by appliance manufacturers and manufacturers of industrial and commercial equipment.

Features

- Designed to fit full-size rectangular cutouts. Angled corners are suggested for optimum fit, but standard rectangular cutouts are acceptable.
- 1/4" Quick connect terminals standard on all switches.
- Multiple mounting styles - offset cover plate, metal snap-in bezel, nylon snap-in bezel.
- A wide variety of circuits are avaliable to meet your specific requirements.
- McGill™ ensures extra reliability through mechanical excellence and a margin of electrical capacity - up to 20 Amps.
- White serrated gloss rocker style.

Standard Materials

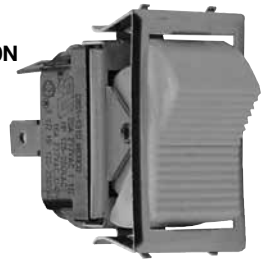
- Contacts: silver plate
- Terminals: brass or copper
- Base: phenolic +150 °C (+302 °F)
- Rocker and nylon bracket: nylon 66 +105 °C (+221 °F)
- Spring steel snap-in nickel plated bezel
- Black gloss nylon snap-in bezel

NEC/CEC Certifications and Compliances

- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant



0811-0310N



0801-1310N

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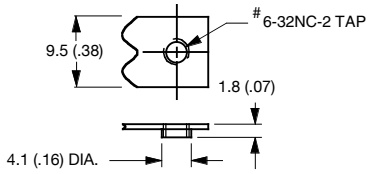
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McGill™ 0801/0821 and 0811/0831 Series Rocker Switches

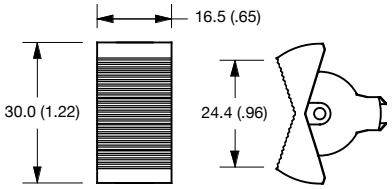
NEC/CEC:
Listed for Ordinary Locations

Circuitry				Single Pole			Double Pole		
A	B	C	Mounting	Poles	Catalog Number	Rating	Poles	Catalog Number	Rating
ON	—	OFF	Offset Coverplate	SPST	**0801-0310N**		DPST	**0811-0310N**	
ON	—	OFF	Snap-in Bezel (Metal)	SPST	**0801-1310N**		DPST	**0811-1310N**	
ON	OFF	ON	Offset Coverplate	SPDT	**0801-0311N**		DPDT	**0831-0311N**	
ON	OFF	ON	Snap-in Bezel (Metal)	SPDT	**0801-1311N**		DPDT	**0831-1311N**	
ON	—	ON	Offset Coverplate	SPDT	**0801-0312N**		DPDT	**0831-0312N**	
ON	—	ON	Snap-in Bezel (Metal)	SPDT	**0801-1312N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125-250 Vac	DPDT	**0831-1312N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac
(ON)	—	OFF	Offset Coverplate	SPST	**0821-0313N**		DPST	**0831-0313N**	
(ON)	—	OFF	Snap-in Bezel (Metal)	SPST	**0821-1313N**		DPST	**0831-1313N**	
(ON)	OFF	(ON)	Offset Coverplate	SPDT	**0821-0314N**		DPDT	**0831-0314N**	
(ON)	OFF	(ON)	Snap-in Bezel (Metal)	SPDT	**0821-1314N**		DPDT	**0831-1314N**	
(ON)	OFF	ON	Offset Coverplate	SPDT	**0821-0316N**		DPDT	**0831-0316N**	
(ON)	OFF	ON	Snap-in Bezel (Metal)	SPDT	**0821-1316N**		DPDT	**0831-1316N**	
ON	—	(OFF)	Offset Coverplate	SPST	**0821-0317N** †		DPST	**0831-0317N**	
ON	—	(OFF)	Snap-in Bezel (Metal)	SPST	**0821-1317N** †	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac	DPST	**0831-1317N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac
(ON)	—	ON	Offset Coverplate	SPDT	**0821-0318N**		DPDT	**0831-0318N**	
(ON)	—	ON	Snap-in Bezel (Metal)	SPDT	**0821-1318N**		DPDT	**0831-1318N**	
ON	—	OFF	Snap-in Bezel (Nylon)	SPST	**0801-1310AN**	20 Amp, 120-277 Vac	DPST	**0811-1310AN**	20 Amp, 120-277 Vac 1-1/2 HP, 125 Vac 3/4 HP, 125-250 Vac
ON	OFF	ON	Snap-in Bezel (Nylon)	SPDT	**0801-1311AN**	20 Amp, 120-277 Vac 1-1/2 HP, 125 Vac 3/4 HP, 125-250 Vac	DPDT	**0831-1311AN**	20 Amp, 120-277 Vac 1-1/2 HP, 125 Vac 3/4 HP, 125-250 Vac
ON	—	ON	Snap-in Bezel (Nylon)	SPDT	**0801-1312AN**		DPDT	**0831-1312AN**	

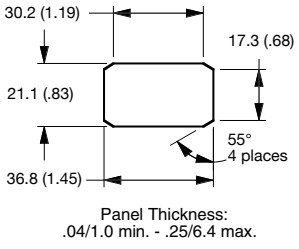
Dimensions in Millimeters (Inches)



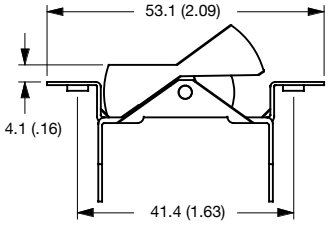
Tapped Hole



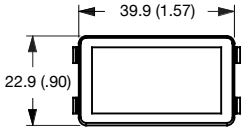
Rocker Switch



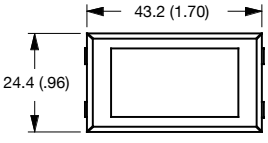
Mounting Hole



Offset Coverplate



Metal Snap–in Bezel



Nylon Snap–in Bezel

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.
† Not CSA or UL Approved.

Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

Visit our website at www.appleton.emerson.com or contact us at (800) 621-1506.
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McGill™ 0851/0861 Series Lighted Rocker Switches

Black Bezel, White Rocker, Red Lens

NEC/CEC:
Listed for Ordinary Locations

Applications

- Recognized for reliable, long service life by appliance manufacturers and manufacturers of industrial and commercial equipment.

Features

- Designed to fit full-size rectangular cutouts. Angled corners are suggested for optimum fit, but standard rectangular cutouts are acceptable.
- Curved rockers with Illuminated single or dual lens to fit your style and functional requirements.
- 1/4" Quick connect terminals standard on all switches.
- A variety of circuits are available to meet your specific requirements.
- 125 Vac incandescent lamp standard.
- Rocker style: white smooth gloss.
- Black gloss nylon snap-in bezel.

Standard Materials

- Contacts: silver plate
- Terminals: brass or copper
- Base: phenolic +150 °C (+302 °F)
- Rocker and nylon bracket: nylon 66 +105 °C (+221 °F)



0861-1301N



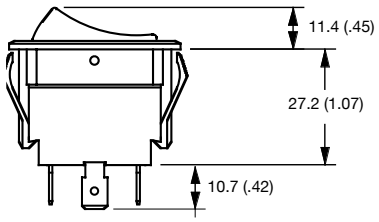
0861-0001N

NEC/CEC Certifications and Compliances

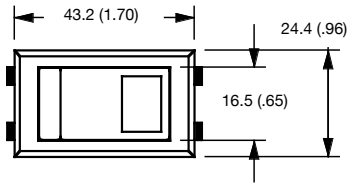
- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant

Circuitry					Single Pole			Double Pole		
A	B	C	Lights	Lamp Voltage ①	Poles	Catalog Number	Rating	Poles	Catalog Number	Rating
ON	—	OFF	—	—	SPDT	**0861-0001N**	15 Amp, 125 Vac 10 Amp, 250 Vac 1/2 HP, 125 Vac 1/2 HP, 250 Vac	—	—	—
ON	—	OFF	1	125 Vac	SPST	**0851-1301N**		DPST	**0861-1301N**	
ON	—	ON	2	125 Vac	SPDT	**0851-2303N**	15 Amp, 125 Vac 10 Amp, 250 Vac 1/2 HP, 125 Vac 1/2 HP, 250 Vac	DPDT	**0861-2303N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac
(ON)	—	OFF	1	125 Vac	SPST	**0851-1304N**		DPST	**0861-1304N** ②	
ON	—	(OFF)	1	125 Vac	SPST	**0851-1307N**		DPST	**0861-1307N** ②	
(ON)	—	ON	2	125 Vac	SPDT	**0851-2308N**		DPDT	**0861-2308N** ②	
ON	OFF	ON	2	125 Vac	SPDT	**0851-2302N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125 Vac 3/4 HP, 250 Vac	DPDT	**0861-2302N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac
(ON)	OFF	(ON)	2	125 Vac	SPDT	**0851-2305N** ②		DPDT	**0861-2305N** ②	
(ON)	OFF	ON	2	125 Vac	SPDT	**0851-2306N** ②		DPDT	**0861-2306N** ③	

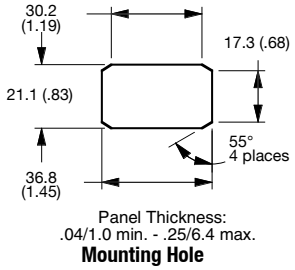
Dimensions in Millimeters (Inches)



Side View



Top View



Panel Thickness:
.04/1.0 min. - .25/6.4 max.

Mounting Hole

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.
① Lamp voltage determines switch volume rating.
② Not CSA or UL Approved.
③ Not CSA Approved.

Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

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McGill™ 4125/90 Series Single Pole Toggle Switches

NEC/CEC:
Listed for Ordinary Locations

Applications

- McGill™ full-size, single pole toggle switches are available in several electrical ratings to meet a variety of requirements.
- Ruggedly constructed with metallic toggle and threaded bushing to ensure extended service life.
- Marine, food service, generator, industrial control and office automation markets.
- Appropriate for use in low voltage DC applications.

Features

- A variety of circuits are available.
- Available with screw, solder, and 1/4" Quick connect terminals.
- Mounting hardware and terminal screws (where applicable) furnished unassembled.
- Mounting hardware consists of nickel plated hex nut and knurled nut.
- Indicating plate is furnished for maintained ON-OFF circuits.

Standard Materials

- Base: phenolic +150 °C (+302 °F)
- Bat handle: nickel plated brass
- Bushing: nickel plated brass

NEC/CEC Certifications and Compliances

- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant



90-0003N



90-0001N



91-0002N



4125-0002N

Circuitry				Screw Term.			Solder Term.	
A	B	C	Poles	Catalog Number	Rating	Poles	Catalog Number	Rating
10 Amp								
ON	—	OFF	SPST	**4125-0001N**	10 Amp, 125 Vac/Vdc 5 Amp, 250 Vac/Vdc 1/4 HP, 125 Vac/Vdc	SPST	**4125-0002N**	10 Amp, 125 Vac/Vdc 5 Amp, 250 Vac/Vdc 1/4 HP, 125 Vac/Vdc
15 Amp								
ON	OFF	ON	SPDT	**91-0001N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 120-240 Vac	SPDT	**91-0002N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 120-240 Vac
ON	—	ON	SPDT	**92-0001N**		SPDT	**92-0002N**	
(ON)	OFF	(ON)	SPDT	**93-0001N**		SPDT	**93-0002N**	
ON	OFF	(ON)	SPDT	**93-1001N**		SPDT	**93-1002N**	
(OFF)	—	ON	SPST	**93-2001N**		SPST	**93-2002N**	
(ON)	—	OFF	SPST	**93-3001N**		SPST	**93-3002N**	
ON	—	(ON)	SPDT	**93-4001N**		SPDT	**93-4002N**	
20 Amp								
ON	—	OFF	SPST	**90-0001N**	20 Amp, 125 Vac 12 Amp, 250 Vac 1 HP, 120-240 Vac	SPST	**90-0002N**	20 Amp, 125 Vac 12 Amp, 250 Vac 1 HP, 120-240 Vac

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.
Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

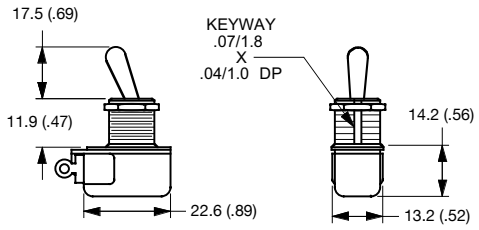
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McGill™ 4125/90 Series Single Pole Toggle Switches

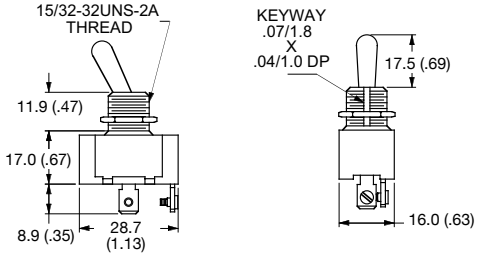
NEC/CEC:
Listed for Ordinary Locations

Circuitry				1/4" Q.C. Term.		6" Wire Leads		
A	B	C	Poles	Catalog Number	Rating	Poles	Catalog Number	Rating
10 Amp								
ON	—	OFF	SPST	**4125-0003N**	10 Amp, 125 Vac/Vdc 5 Amp, 250 Vac/Vdc 1/4 HP, 125 Vac/Vdc	SPST	**4125-0004N**	10 Amp, 125 Vac/Vdc 5 Amp, 250 Vac/Vdc 1/4 HP, 125 Vac/Vdc
15 Amp								
ON	OFF	ON	SPDT	**91-0003N**		—	—	—
ON	—	ON	SPDT	**92-0003N**		—	—	—
(ON)	OFF	(ON)	SPDT	**93-0003N**	15 Amp, 125 Vac	—	—	—
ON	OFF	(ON)	SPDT	**93-1003N**	10 Amp, 250 Vac	—	—	—
(OFF)	—	ON	SPST	**93-2003N**	3/4 HP, 120-240 Vac	—	—	—
(ON)	—	OFF	SPST	**93-3003N**		—	—	—
ON	—	(ON)	SPDT	**93-4003N**		—	—	—
20 Amp								
ON	—	OFF	SPST	**90-0003N**	20 Amp, 125 Vac 12 Amp, 250 Vac 1 HP, 120-240 Vac	—	—	—

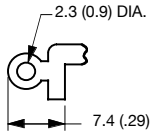
Dimensions in Millimeters (Inches)



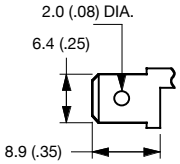
10 Amp Toggle Switch



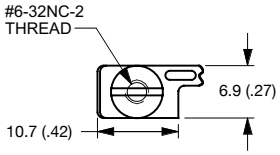
15 & 20 Amp Toggle Switch



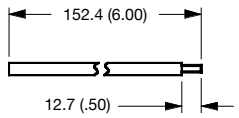
10 Amp Solder Lug Terminal



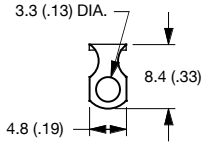
10 Amp 1/4" Q.C. Terminal



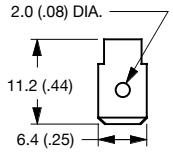
10 Amp Screw Terminal



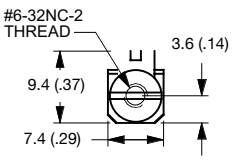
10 Amp Integrated Wire Lead Terminal



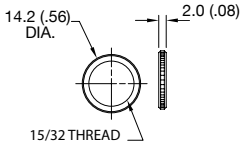
15 & 20 Amp Solder Lug Terminal



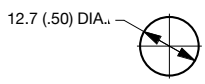
15 & 20 Amp 1/4" Q.C. Terminal



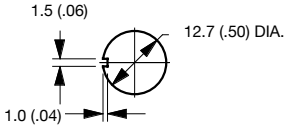
15 & 20 Amp Screw Terminal



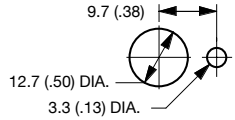
Knurled Nut



Mounting Hole



Mounting Hole With Keyway



Mounting Hole With Locking Ring

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.

Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

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McGill™ 0121/0140 Series Multi–Pole Toggle Switches

NEC/CEC:
Listed for Ordinary Locations

Applications

- McGill™ full-size, single pole toggle switches are available in several electrical ratings to meet a variety of requirements.
- Ruggedly constructed with metallic toggle and threaded bushing to ensure extended service life.
- Marine, food service, generator, industrial control and office automation markets.

Features

- A variety of circuits are available.
- Available with screw, solder, and 1/4" quick connect terminals.
- Mounting hardware and terminal screws (where applicable) furnished unassembled.
- Mounting hardware consists of nickel plated hex nut and knurled nut.
- Indicating plate is furnished for maintained ON-OFF circuits.

Standard Materials

- Base: phenolic +150 °C (+302 °F)
- Bat handle: nickel plated brass
- Bushing: nickel plated brass



0121-0009N



0121-0010N

NEC/CEC Certifications and Compliances

- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant

Circuitry A	Circuitry B	Circuitry C	Screw Terminal Poles	Screw Terminal Catalog Number	Solder Terminal Poles	Solder Terminal Catalog Number	1/4" Q.C. Terminal Poles	1/4" Q.C. Terminal Catalog Number	Rating
15 Amp, 2 Poles									
ON	—	OFF	DPST	**0121-0001N**	DPST	**0121-0017N**	DPST	**0121-0009N**	
ON	—	ON	DPDT	**0121-0003N**	DPDT	**0121-0019N**	DPDT	**0121-0011N**	15 Amp, 125 Vac
(ON)	—	OFF	DPST	**0121-0005N**	DPST	**0121-0021N**	DPST	**0121-0013N**	10 Amp, 250 Vac
ON	—	(ON)	DPDT	**0121-0006N**	DPDT	**0121-0022N**	DPDT	**0121-0014N**	3/4 HP, 250 Vac
(OFF)	—	ON	DPST	**0121-0043N**	DPST	**0121-0045N**	DPST	**0121-0044N**	
ON	OFF	ON	DPDT	**0121-0002N**	DPDT	**0121-0018N**	DPDT	**0121-0010N**	
(ON)	OFF	(ON)	DPDT	**0121-0004N**	DPDT	**0121-0020N**	DPDT	**0121-0012N**	15 Amp, 125 Vac
ON	OFF	(ON)	DPDT	**0121-0007N**	DPDT	**0121-0023N**	DPDT	**0121-0015N**	10 Amp, 250 Vac
(ON)	ON	ON	SPTT	—	SPTT	—	SPTT	**0127-0001N** ①	3/4 HP, 125-250 Vac
17 Amp, 3 Pole									
ON	—	OFF	3PST	**0140-3020N**	3PST	**0140-3010N**	3PST	**0140-3000N**	6 Amp, 600 Vac 17 Amp, 125 Vac 12 Amp, 250 Vac 2 HP, 480-600 Vac 3 Phase
(ON)	—	OFF	3PST	**0140-3021N**	3PST	**0140-3011N**	3PST	**0140-3001N**	6 Amp, 600 Vac
ON	—	(OFF)	3PST	**0140-3022N**	3PST	**0140-3012N**	3PST	**0140-3002N**	17 Amp, 125 Vac 12 Amp, 250 Vac
ON	—	ON	3PDT	**0140-3024N**	3PDT	**0140-3014N**	3PDT	**0140-3004N**	1-1/2 HP, 240 Vac 1,2 or 3 Phase
ON	—	(ON)	3PDT	**0140-3025N**	3PDT	**0140-3015N**	3PDT	**0140-3005N**	2 HP, 480-600 Vac 3 Phase
ON	OFF	ON	3PDT	**0140-3023N**	3PDT	**0140-3013N**	3PDT	**0140-3003N**	6 Amp, 600 Vac 17 Amp, 125 Vac 12 Amp, 250 Vac
ON	OFF	(ON)	3PDT	**0140-3026N**	3PDT	**0140-3016N**	3PDT	**0140-3006N**	1 HP, 125 Vac 1-1/2 HP, 250 Vac 1,2 or 3 Phase
(ON)	OFF	(ON)	3PDT	**0140-3027N**	3PDT	**0140-3017N**	3PDT	**0140-3007N**	2 HP, 480-600 Vac 3 Phase

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw, TT = triple throw.
① Not UL or CSA Listed.
Shaded catalog numbers are normally stocked items. All other items are made to order. Contact your local sales representative for pricing.

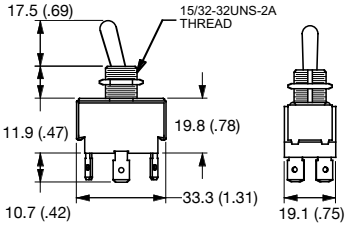
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McGill™ 0121/0140 Series Multi–Pole Toggle Switches

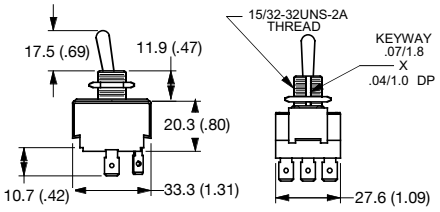
NEC/CEC:
Listed for Ordinary Locations

Circuitry A	B	C	Screw Terminal Poles	Screw Terminal Catalog Number	Solder Terminal Poles	Solder Terminal Catalog Number	1/4" Q.C. Terminal Poles	1/4" Q.C. Terminal Catalog Number	Rating
15 Amp, 4 Pole									
ON	—	OFF	4PST	**0140-4020N**	4PST	**0140-4010N**	4PST	**0140-4000N**	
(ON)	—	OFF	4PST	**0140-4021N** ①	4PST	**0140-4011N** †	4PST	**0140-4001N** ①	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 250 Vac 1,2 or 3 Phase
ON	—	(OFF)	4PST	**0140-4022N** ①	4PST	**0140-4012N** †	4PST	**0140-4002N** ①	
ON	—	ON	4PDT	**0140-4024N**	4PDT	**0140-4014N**	4PDT	**0140-4004N**	
ON	—	(ON)	4PDT	**0140-4025N**	4PDT	**0140-4015N**	4PDT	**0140-4005N**	
ON	OFF	ON	4PDT	**0140-4023N**	4PDT	**0140-4013N**	4PDT	**0140-4003N**	15 Amp, 125 Vac 10 Amp, 250 Vac 3/4 HP, 125-250 Vac 1,2 or 3 Phase
ON	OFF	(ON)	4PDT	**0140-4026N** ①	4PDT	**0140-4016N** †	4PDT	**0140-4006N** ①	
(ON)	OFF	(ON)	4PDT	**0140-4027N**	4PDT	**0140-4017N**	4PDT	**0140-4007N**	

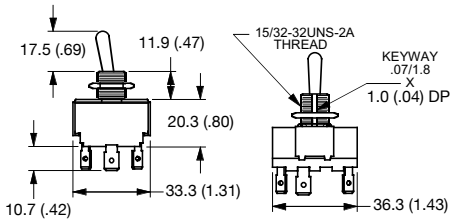
Dimensions in Millimeters (Inches)



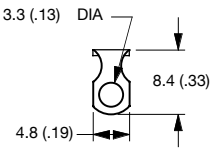
15 Amp, 2 Pole



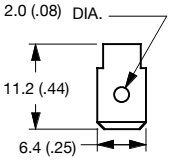
17 Amp, 3 Pole



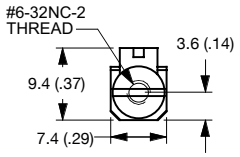
17 Amp, 4 Pole



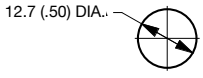
Solder Lug Terminal



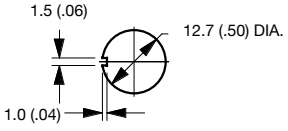
1/4" Q.C. Terminal



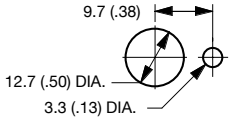
Screw Terminal



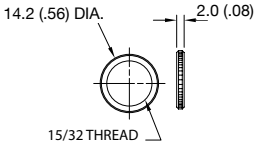
Mounting Hole



Mounting Hole With Keyway



Mounting Hole With Locking Ring



Knurled Nut

( ) Momentary. Poles: SP = single pole, DP = double pole, ST = single throw, DT = double throw.
① Not UL or CSA Listed.

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McGill™ Momentary Contact Pushbutton Switches

NEC/CEC:
Listed for Ordinary Locations

Applications

- Single pole, high amperage – suitable for back panel applications.

Features

- Rugged switch mechanism ensures long life.
- Screw terminal.
- Mounting hardware consists of nickel plated hex nut and knurled nut.

Standard Materials

- Base: phenolic +150 °C (+302 °F)
- Bushing: nickel plated brass
- Push button: black plastic cap

NEC/CEC Certifications and Compliances

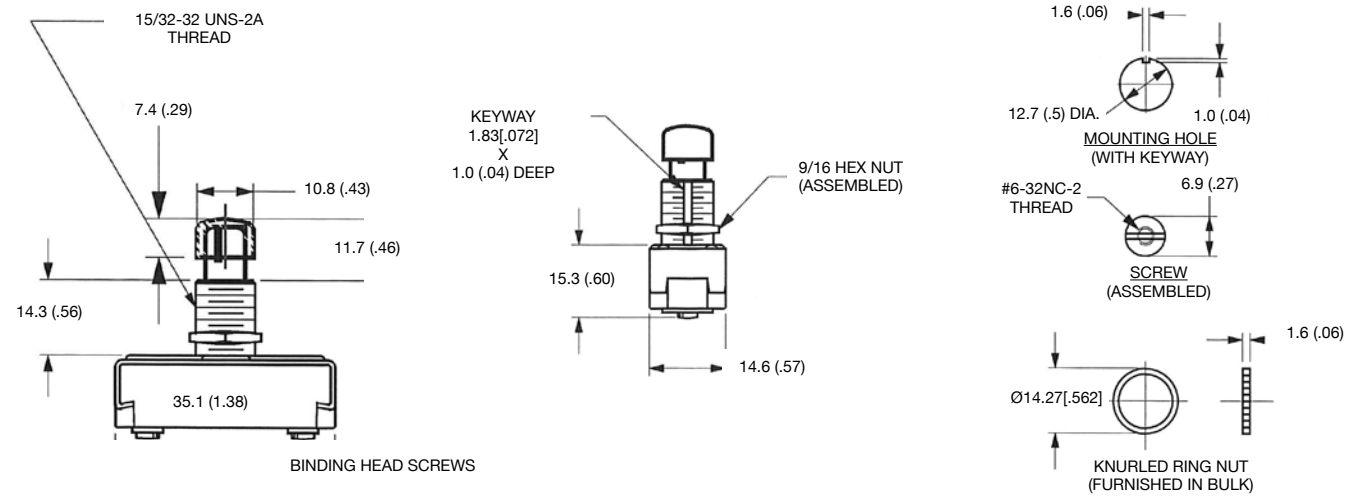
- UL Recognized Component
- UL File Number: E335442
- UL Standard: 1054, Guide WORY2
- CSA File Number: 249055
- CSA Standard: C22.2 No. 55
- RoHS Compliant



100N

Circuitry A	Circuitry B	Circuitry C	Poles	Ratings	Terminal Type	Catalog Number
OFF	—	(ON)	SPST	15 Amp, 125 Vac 10 Amp, 250 Vac	Screw	**100N**

Dimensions in Millimeters (Inches)



( ) Momentary.

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McGill™ Switches – Parts and Accessories

NEC/CEC:
Listed for Ordinary Locations

	Description	Catalog Number
	Indicating plate ON-OFF	**1650**
	Knurled nut .563” O.D. x .078” thick, 15/32” thread	**1575**
	Hex nut 15/32” thread x .073” thick	**1610-2**
	Internal tooth lockwasher .472” I.D. x .593” O.D.	**1957**
	Locking ring .722” O.D. x .478” I.D. x .031” thick	**25494**
	Rubber boot with nut for toggle switches, 15/32” thread	**0090-9988**
	Rubber boot for toggle switches, snaps over toggle and nut	**0090-9986**
	Rubber boot with nut for pushbutton switches, 15/32” thread	**0090-9973**

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Notes

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