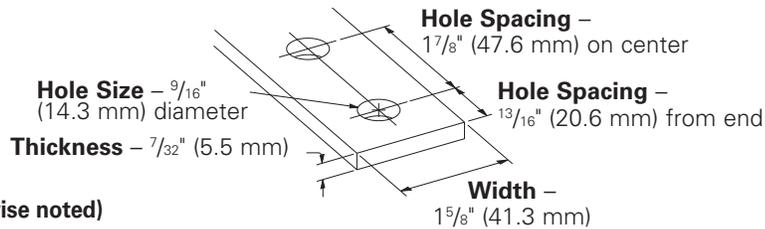




This section offers a full selection of fittings and accessories to complete our strut system. Fittings are made from hot rolled, pickled and oiled plate or strip steel in accordance with ASTM A1018 33,000 PSI min. yield, unless noted.

### Dimensions

The following dimensions apply to all fittings except as noted:



### Materials & Finishes (Unless otherwise noted)

Finish Code	Finish	Specification
PLN	Plain	ASTM A1018 33,000 PSI min. yield
ZN	Electro-Plated Zinc	ASTM B633 SC3 Type III or ASTM A653
GRN	DURA GREEN™	
HDG	Hot-Dipped Galvanized	ASTM A123
SS4	Stainless Steel Type 304	ASTM A240
SS6	Stainless Steel Type 316	ASTM A240
AL	Aluminum	ASTM B209

Note: A minimum order may apply on special material and finishes.

### Hardware

Nuts and bolts are not included with the fittings and must be ordered separately, unless noted.

### Pre-Assembled Fittings

Some fittings are available with hex head cap screws and channel nuts pre-assembled.

These fittings and finishes will be flagged using the following symbol.



### Metric

Metric dimensions are shown in parentheses. Unless noted, all metric dimensions are in millimeters.

### Load Data

The load data published includes safety factor of 2.5 when used with 12 ga. (2.6) channel safety factor = ratio of ultimate load to the design load).

Use  $\frac{1}{2}$ "-13 x  $\frac{7}{8}$ " hex head cap screws and  $\frac{1}{2}$ "-13 (N225 or TN225) channel nuts for the rated results.

Note: See page 277 Design Load Data for typical channel - fitting connections.

### Recommended Bolt Torque

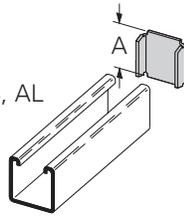
Bolt Size	$\frac{1}{4}$ "-20	$\frac{5}{16}$ "-18	$\frac{3}{8}$ "-16	$\frac{1}{2}$ "-13
Foot/Lbs.	6	11	19	50
Nm	8	15	26	68

See chart on page 154 for setscrew torque.

# Miscellaneous fittings

## B203-B206 & B220-B223 Channel End Caps Type X

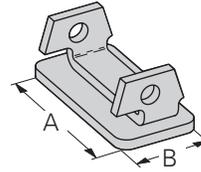
- Material: ASTM A1011 CS Type B
- Standard finishes: ZN, GRN, HDG, SS4, AL



Part No.	Use With	A In. mm	Wt./C Lbs. kg
B203	B42	1.015 (25.8)	6 (2.7)
B204	B54	.827 (21.0)	5 (2.2)
B205	B22	1.640 (41.6)	10 (4.5)
B206	B32	1.390 (35.3)	8 (3.6)
B220	B52	.827 (21.0)	4 (1.8)
B221	B12	2.452 (62.3)	15 (6.8)
B222	B11	3.265 (82.9)	20 (9.1)
B223	B24	1.640 (41.6)	10 (4.5)

## B283-B286 Channel End Caps

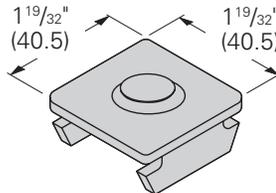
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN, GRN



Part No.	Use With	A In. mm	B In. mm	Wt./C Lbs. kg
B283	B52	1 <sup>19</sup> / <sub>32</sub> " (40.5)	2 <sup>5</sup> / <sub>32</sub> " (19.8)	6 (2.7)
B284	B54	1 <sup>19</sup> / <sub>32</sub> " (40.5)	2 <sup>5</sup> / <sub>32</sub> " (19.8)	6 (2.7)
B285	B22	1 <sup>19</sup> / <sub>32</sub> " (40.5)	1 <sup>19</sup> / <sub>32</sub> " (40.5)	13 (5.9)
B286	B24	1 <sup>19</sup> / <sub>32</sub> " (40.5)	1 <sup>19</sup> / <sub>32</sub> " (40.5)	14 (6.3)

## B287 & B288 Channel End Caps

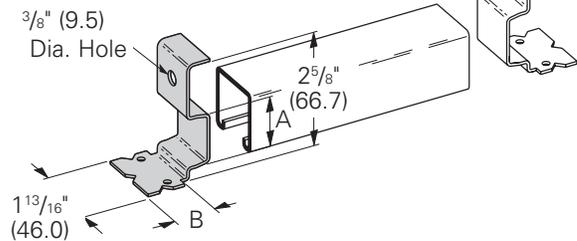
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN, GRN



Part No.	Use With	Wt./C Lbs. kg
B287	B22	13 (5.9)
B288	B24	14 (6.3)

## B3322, B3332, B3342, B3352 Anchor End Caps Type Y

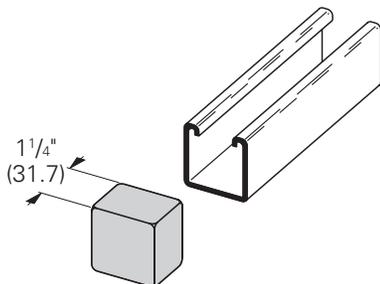
- Material: ASTM A1011 33,000 PSI min. yield
- Standard finishes: ZN



Part No.	Use With	A In. mm	B In. mm	Wt./C Lbs. kg
B3322	B22I	1.270 (32.2)	1 <sup>3</sup> / <sub>16</sub> " (30.2)	15 (6.8)
B3332	B32I	1.000 (25.4)	1 <sup>3</sup> / <sub>16</sub> " (30.2)	15 (6.8)
B3342	B42I	.645 (16.4)	1 <sup>1</sup> / <sub>4</sub> " (31.8)	15 (6.8)
B3352	B52I	.460 (11.7)	1 <sup>5</sup> / <sub>16</sub> " (33.3)	15 (6.8)

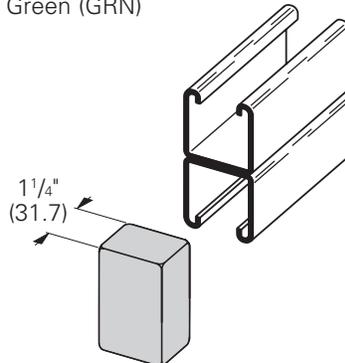
## B822 Plastic End Cap for B22 & B24

- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 3 Lbs. (1.3 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)



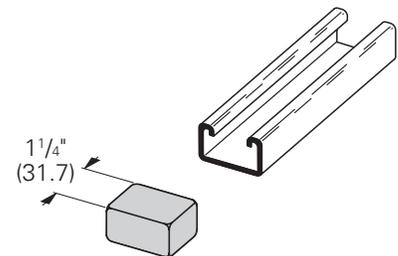
## B822A Plastic End Cap for B22A & B11

- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 5 Lbs. (2.2 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)



## B852 Plastic End Cap for B52 & B54

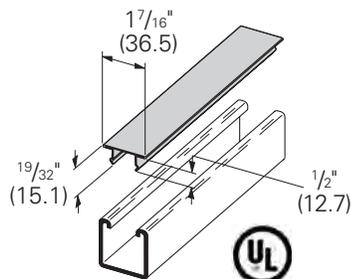
- Material: Polyvinyl Chloride (PVC/Vinyl)
- Withstands intermittent temperatures up to 350°F (177°C) and 200°F (93°C) continuous
- Wt./C 2.5 Lbs. (1.1 kg)
- Available in colors: White (W), Yellow (Y), Black (BLK), Gray (GRY), Green (GRN)



Reference page 106 for general fitting and standard finish specifications.

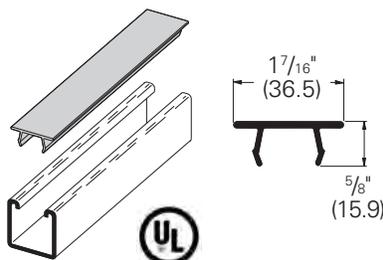
## B217-20 Snap Closure Strip for All 1<sup>5</sup>/<sub>8</sub>" (41.3) Wide Channels

- Refer to Raceway Fill Chart pages 278-279
- Material: 20 gauge (.9)
- Standard finishes: GRN, GALV, YZN
- Standard length: 120" (3.05m)
- Wt./CFT 36 Lbs. (16.3 kg)



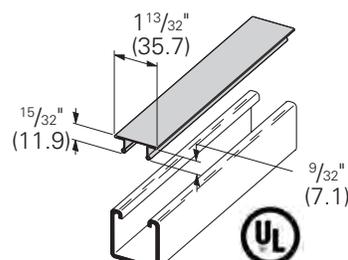
## B217P Plastic Snap Closure Strip for All 1<sup>5</sup>/<sub>8</sub>" (41.3) Wide Channels

- Refer to Raceway Fill Chart pages 278-279
- Standard finishes: Green (GRN) or Gray (GRY) Plastic
- Standard length: 120" (3.05m)
- Wt./CFT 9.2 Lbs. (4.2 kg)



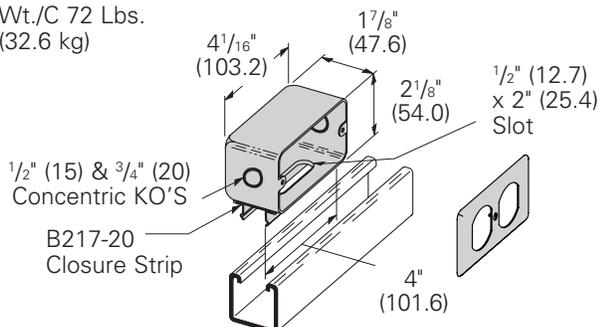
## B217-24 Snap Closure Strip for All 1<sup>5</sup>/<sub>8</sub>" (41.3) Wide Channels

- Refer to Raceway Fill Chart pages 278-279
- For use with 7 or fewer conductors no larger than #12 AWG
- Material: 24 gauge (.6)
- Standard finishes: GRN, GALV, YZN
- Standard length: 120" (3.05m)
- Wt./CFT 28 Lbs. (12.7 kg)



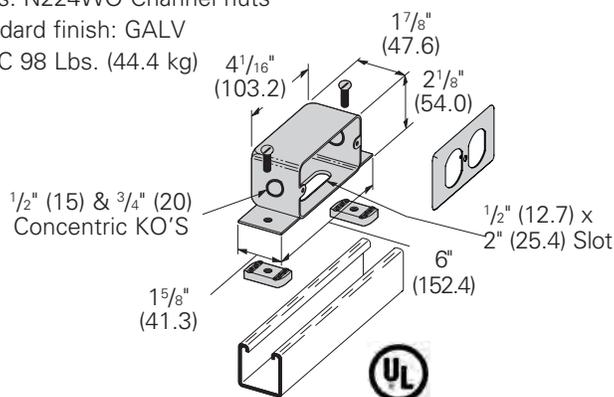
## B516 Snap-In Outlet Box

- Provided with #10-32 tapped hole for grounding strap
- Duplex cover plate included
- Receptacle not furnished
- Requires ground wire installation for use with UL listed channel raceway system
- Standard finish: GALV
- Wt./C 72 Lbs. (32.6 kg)



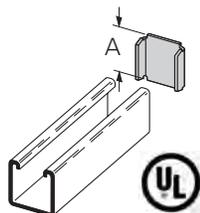
## B516S Outlet Box

- Duplex cover plate included
- Receptacle not furnished
- Includes: 2 pcs. 1/4"-20 Flat head machine screws  
2 pcs. N224WO Channel nuts
- Standard finish: GALV
- Wt./C 98 Lbs. (44.4 kg)



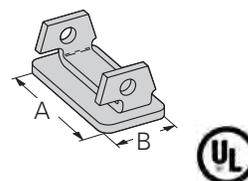
## B203 thru B206 B220 thru B223 X Type End Caps

- Material: 12 gauge (2.6)
- Standard finishes: ZN, GRN, HDG, SS4



## B283 thru B286 End Caps

- Material: 12 gauge (2.6)
- Standard finishes: ZN, GRN



Part No.	Use With	A		Wt./C	
		In.	mm	Lbs.	kg
<b>B203</b>	B42	1.015"	(25.8)	6	(2.7)
<b>B204</b>	B54	.827"	(21.0)	5	(2.2)
<b>B205</b>	B22	1.640"	(41.6)	10	(4.5)
<b>B206</b>	B32	1.390"	(35.3)	8	(3.6)
<b>B220</b>	B52	.827"	(21.0)	4	(1.8)
<b>B221</b>	B12	2.452"	(62.3)	15	(6.8)
<b>B222</b>	B11	3.265"	(82.9)	20	(9.1)
<b>B223</b>	B24	1.640"	(41.6)	10	(4.5)

Part No.	Use With	A		B		Wt./C Lbs. kg
		In.	mm	In.	mm	
<b>B283</b>	B52	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	<sup>25</sup> / <sub>32</sub> "	(19.8)	6 (2.7)
<b>B284</b>	B54	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	<sup>25</sup> / <sub>32</sub> "	(19.8)	6 (2.7)
<b>B285</b>	B22	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	13 (5.9)
<b>B286</b>	B24	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	1 <sup>19</sup> / <sub>32</sub> "	(40.5)	14 (6.3)

Reference page 206 for general fitting and standard finish specifications. U.L. Wire Fill Chart on pages 272 - 273.