

Cable Gland Selection Guide

Selection Chart — Certifications

Type		Series	NEC/ CEC	ATEX/ IECEX	Material	Non– Armored Cables	Armored Cables			
							Wire	Braid	Tape	
Neoprene Seal	”e” or ”i”	Ex e		X	Polyamide	Yes ②		Yes	Yes	
Elastomer Seal	Non-Hazardous	A2	X	X	Brass, fully nickel plated	Yes		Yes ②		
	”d” and ”e”	A2F	X	X	Brass, fully nickel plated	Yes		Yes ②		
		A2FRC		X	Brass, fully nickel plated	Yes ③				
		T3	X	X	Brass, fully nickel plated	Yes ②	Yes	Yes	Yes	
		E1FX		X	Brass, fully nickel plated	Yes ②		Yes	Yes	
		E1FW		X	Brass, fully nickel plated	Yes ②	Yes			
		E1FU	X	X	Brass, fully nickel plated	Yes ②	Yes	Yes	Yes	
		TE1FU	X	X	Stainless Steel	Yes ②	Yes	Yes	Yes	
		Compound Seal	UL	PXSS2K PXSS2K-REX	X	X	Brass, fully nickel plated	Yes ④		
	PX2K			X	X	Brass, fully nickel plated	Yes ②⑤	Yes	Yes	Yes
PX2K-REX	X			X	Brass, fully nickel plated	Yes ②	Yes	Yes	Yes	
PX2KX ① PX2KX-REX ①	X			X	Brass, fully nickel plated	Yes ②		Yes		
Marine		C2KX	X	X	Brass, fully nickel plated			Yes	Yes	

Note: Cable must be substantially compact and circular with an extruding bedding, and if any filters are used they are Non-Hygroscopic.

① Also ATEX and Marine rated.

② Applicable to ATEX/IECEX applications only.

③ Non-armored cables — through rigid conduit.

④ Non-armored cables — tray and extra hard usage cord.

⑤ Non-armored cables — SWA armored tray.

⑥ dm³: 1 cubic decimeter equals approximately 61 cubic inches.

767 Series Stopper Plugs

Increased Safety and Flameproof

Cable Gland Accessories.

NEC/CEC:
 Class I, Groups A, B, C, D
 Class II, Groups E, F, G
 Class III
 Ex d/Ex e IIC
 Type 4X
 IP68

ATEX/IECEX:
 ATEX II 2 GD Ex d IIC and Ex e II
 Zone 1, Zone 2, Zone 21 and Zone 22 - Gas
 Groups IIA, IIB, IIC
 ATEX IM 2 Ex d I and Ex e I
 IP66/68

Applications

- Stopper plug is designed for use from the outside of the enclosure to permanently or temporarily close any unused entries.
- Idea for use on flameproof, increased safety electrical equipment in hazardous areas.
- In general, care should be taken to ensure that a suitable entry thread sealing washer is also selected and installed, where applicable, to ensure that an effective seal is made at the entry, thereby maintaining the integrity of the enclosure or equipment I.P. rating.

Features

- Catering to both Industrial and Hazardous Area applications the range covers a number of different metallic and non-metallic (e.g. Nylon) forms.
- Features a dome head with an Allen Key.

Standard Materials

- Brass fully nickel plated

Options

- Copper-free aluminum: replace suffix -5 with 1
- 316L stainless steel: replace suffix -5 with 4
- Nylon: replace suffix -5 with 2

NEC/CEC Certifications and Compliances

- UL Standard: 886 (1203), E60079-0, E60079-1, E60079-7
- CSA Standard: C22.2 No. 30, CAN/CSA E60079-0, CAN/CSA E60079-1, CAN/CSA E60079-7
- cCSAus Certified: 113642

ATEX/IECEX Certifications and Compliances

- Certification Type 767
 - Gas: Zones 1
 - Type of Protection: Ex d IIC Gb (except Nylon), Ex e IIC Gb
 - Dust: Zone 20
 - Type of Protection: Ex ta IIIC Da
- Conforming to ATEX 94/9/CE: II 2G 1D
- Operating Temperature: -60 °C to +200 °C (-76 °F to +392 °F) (Metallic) and -20 °C to +60 °C (-4 °F to +140 °F) (Nylon)
- CE Declaration of Conformity: DC07001
- ATEX Certificate: Sira 13ATEX1265X
- IECEX Certificate: IECEX SIR 13.0094X
- Marine Approval: LLOYDS, DNV, ABS
- Index of Protection according EN/IEC 60529: IP66 or IP68 with seal

INMETRO Certification

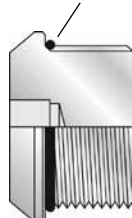
- INMETRO Certificate: TÜV 12.1333X

EURASEC Certification

- TC RU C-GB.Г505.В.00138



Optional 'O' Ring ①



Mushroom Head Stopper Plug

Plug Size	A/F Socket in mm	767 Series Male Thread Size	Catalog Number	
			Nickel Plated Brass	Nylon
—	8	M16	767DM15	N767ERM12
		M20	767DM25	N767ERM22
		M25	767DM35	N767ERM32
		M32	767DM45	N767ERM42
M16	10	M40	767DM55	N767ERM52
M20	10	M50	767DM65	N767ERM62
		M63	767DM75	N767ERM72
M25	10	M75	767DM85	N767ERM82
M32	10	M90	767DM95	N767ERM92
		1/2"NPT	767DT15	N767ERT12
		3/4"NPT	767DT25	N767ERT22
M50	10	1"NPT	767DT35	N767ERT32
		1-1/4"NPT	767DT45	N767ERT42
M63	14	1-1/2"NPT	767DT55	N767ERT52
		2"NPT	767DT65	N767ERT62
		2-1/2"NPT	767DT75	N767ERT72
M75	14	3"NPT	767DT85	N767ERT82

① For optional O-Ring, change **D** to **DR** in catalog number. Contact your factory representative for price and availability.

Cable Gland Accessories and Tools



Locknuts – Nickel Plated Brass

- Brass locknuts are recommended for use in securing brass cable glands to a gland plate or into equipment.

Description	Box Quantity	Metric Catalog Number	Description	Box Quantity	NPT Catalog Number
M16	100	16LN5	050NPT	100	050NPTLN5
M20	100	20LN5	075NPT	100	075NPTLN5
M25	100	25LN5	100NPT	50	100NPTLN5
M32	50	32LN5	125NPT	50	125NPTLN5
M40	50	40LN5	150NPT	10	150NPTLN5
M50	10	50LN5	200NPT	5	200NPTLN5
M63	5	63LN5	250NPT	5	250NPTLN5
M75	5	75LN5	300NPT	1	300NPTLN5
M90	1	90LN5	350NPT	1	350NPTLN5
M100	1	100LN5	—	—	—

Earth Tags – Pear (Nickel Plated Brass)

- Installed between the cable gland and equipment. Provide an earth bond connection as specified in BS 6121 : Part 5 : 1993.



M16	100	16ET5	050NPT	100	050NPTET5
M20	100	20ET5	075NPT	100	075NPTET5
M25	100	25ET5	100NPT	50	100NPTET5
M32	50	32ET5	125NPT	50	125NPTET5
M40	50	40ET5	150NPT	10	150NPTET5
M50	10	50ET5	200NPT	5	200NPTET5
M63	5	63ET5	250NPT	5	250NPTET5
M75	5	75ET5	300NPT	1	300NPTET5
M90	1	90ET5	350NPT	1	350NPTET5
M100	1	100ET5	—	—	—