

# 747 Series Stopper Plugs

## Flameproof

Cable Gland Accessories.

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

**ATEX/IECEX:**  
 II 2 GD Ex d IIC and Ex e II  
 Zone 1, Zone 2, Zone 21 and Zone 22 - Gas  
 Groups IIA, IIB, IIC  
 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 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.
- Compensating Displacement Seal (CDS) system allows for use with Restricted Breathing equipment.
- Available with both external (Type A) or internal (Type B) Allen Key design.
- Internal Allen Key design is considered tamper proof. Once the equipment has been de-energized and the terminal chamber cover removed it can be removed from the inside.

### 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 747
  - Gas: Zones 1
    - Type of Protection: Ex d IIC Gb (except Nylon), Ex e IIC Gb
  - Dust: Zone 20
    - Type of Protection: Ex ta IIC 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
- Other Certifications: UL, cCSAus
- Marine Approval: LLOYDS, DNV, ABS
- Index of Protection according EN/IEC 60529: IP66

### INMETRO Certification

- INMETRO Certificate: TÜV 12.1333X

### EURASEC Certification

- TC RU C-GB.Г505.В.00138

	A/F Socket in mm	Male Thread Size	Thread Length mm (in)	Nickel Plated Brass Catalog Number
 Ex 'd' Recessed Stopper Plug Type 'A'	8	M16	10.0 (0.394)	<b>747DAM15</b>
		M20	10.0 (0.394)	<b>747DAM25</b>
 Ex 'd' Recessed Stopper Plug Type 'B'	10	M25	10.0 (0.394)	<b>747DAM35</b>
		M32	10.0 (0.394)	<b>747DAM45</b>
		M40	10.0 (0.394)	<b>747DAM55</b>
		M50	10.0 (0.394)	<b>747DAM65</b>
		M63	10.0 (0.394)	<b>747DAM75</b>
		M75	10.0 (0.394)	<b>747DAM85</b>
	10	M90	10.0 (0.394)	<b>747DAM95</b>
		1/2 NPT	10.0 (0.394)	<b>747DAT15</b>
		3/4 NPT	10.0 (0.394)	<b>747DAT25</b>
		1 NPT	10.0 (0.394)	<b>747DAT35</b>
		1-1/4 NPT	10.0 (0.394)	<b>747DAT45</b>
		1-1/2 NPT	10.0 (0.394)	<b>747DAT55</b>
		2 NPT	10.0 (0.394)	<b>747DAT65</b>
		2-1/2 NPT	10.0 (0.394)	<b>747DAT75</b>
14	3 NPT	10.0 (0.394)	<b>747DAT85</b>	