

# 757 Series Blanking 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  
 Zone 1 AEx de II  
 Type 4X, Ex e 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

- Blanking plugs are 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 hazardous area applications, the range of products covers a number of different design types which are supplied in both metal and plastic (Exe only).
- Triple certification Ex d/Ex e/Ex nR.
- Hexagon head allows for the installation or remove of the plug with either an open ended or ring type spanner or wrench.

### Standard Materials

- Nickel plated brass

### Options

- Copper-free aluminum: replace suffix -5 with 1
- Brass version: remove last digit 5
- 316L stainless steel version: replace last digit 5 with 4
- Plastic (see BVE series)

### Optional Accessories

- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages.

### NEC/CEC Certifications and Compliances

- UL Standard: E60079-0, E60079-1, E60079-7
- CSA Standard: CAN/CSA E60079-0, CAN/CSA E60079-1, CAN/CSA E60079-7
- cCSAus Certified: 113642

### ATEX/IECEX Certifications and Compliances

- Certification Type 757
  - Gas: Zones 1
    - Type of Protection: Ex d IIC Gb, 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)
- 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 or IP68 with seal

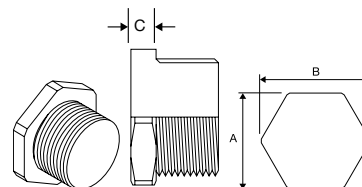
### INMETRO Certification

- INMETRO Certificate: TÜV 12.1333X

### EURASEC Certification

- TC RU C-GB.Г505.B.00138

### Dimensions in Millimeters (Inches)



① IP68 with entry thread seal or O-Ring not supplied, see *Cable Gland Accessories and Tools*.

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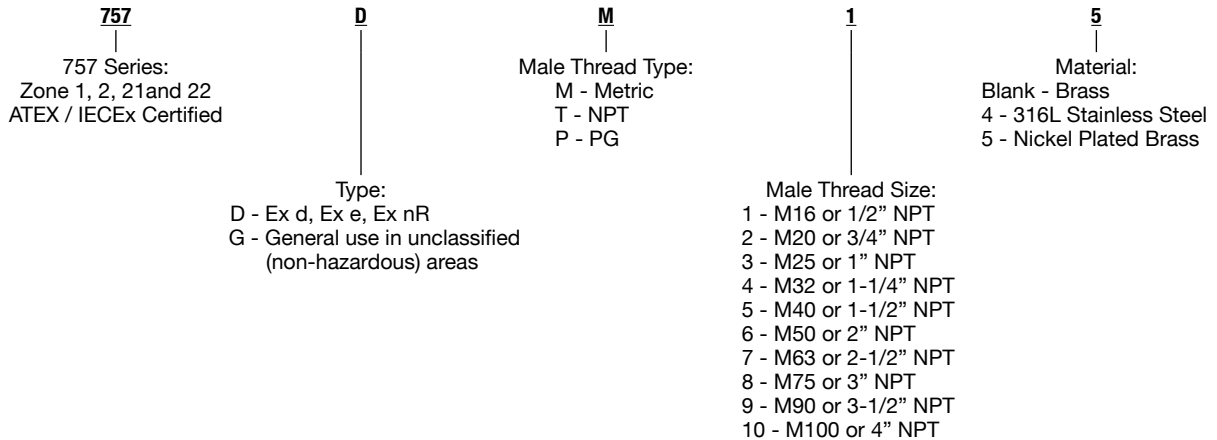
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Zone 1 AEx de II,  
Type 4X, Ex e II  
IP68

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

### Catalog Numbering Guide



### Dimensions in Millimeters (Inches)

| Flats<br>A   | Corners<br>B | C          | Catalog Numbers (Nickel Plated Brass) |                 |       |                 | Weight<br>kg (lb) |
|--------------|--------------|------------|---------------------------------------|-----------------|-------|-----------------|-------------------|
|              |              |            | Metric ②                              |                 | NPT   |                 |                   |
| 24.0 (0.94)  | 26.0 (1.02)  | 5.0 (0.20) | M16 x 1.5                             | <b>757DM15</b>  | 1/2   | <b>757DT15</b>  | 0.05 (0.11)       |
| 24.0 (0.94)  | 26.0 (1.02)  | 5.0 (0.20) | M20 x 1.5                             | <b>757DM25</b>  | 3/4   | <b>757DT25</b>  | 0.07 (0.15)       |
| 30.0 (1.18)  | 33.0 (1.30)  | 5.0 (0.20) | M25 x 1.5                             | <b>757DM35</b>  | 1     | <b>757DT35</b>  | 0.10 (0.22)       |
| 36.0 (1.42)  | 40.0 (1.57)  | 5.0 (0.20) | M32 x 1.5                             | <b>757DM45</b>  | 1-1/4 | <b>757DT45</b>  | 0.16 (0.35)       |
| 46.0 (1.81)  | 51.0 (2.01)  | 6.0 (0.24) | M40 x 1.5                             | <b>757DM55</b>  | 1-1/2 | <b>757DT55</b>  | 0.32 (0.71)       |
| 55.0 (2.17)  | 61.0 (2.40)  | 6.0 (0.24) | M50 x 1.5                             | <b>757DM65</b>  | 2     | <b>757DT65</b>  | 0.42 (0.93)       |
| 70.0 (2.76)  | 78.0 (3.07)  | 6.0 (0.24) | M63 x 1.5                             | <b>757DM75</b>  | 2-1/2 | <b>757DT75</b>  | 0.63 (1.39)       |
| 80.0 (3.15)  | 89.0 (3.50)  | 6.0 (0.24) | M75 x 1.5                             | <b>757DM85</b>  | 3     | <b>757DT85</b>  | 0.98 (2.16)       |
| 95.0 (3.74)  | 106.0 (4.17) | 6.0 (0.24) | M90 x 2                               | <b>757DM95</b>  | 3-1/2 | <b>757DT95</b>  | 1.35 (2.98)       |
| 110.0 (4.33) | 123.0 (4.84) | 6.0 (0.24) | M100 x 2                              | <b>757DM105</b> | 4     | <b>757DT105</b> | 1.60 (3.53)       |

### Thread Table

|    | Metric | NPT   | PG     |
|----|--------|-------|--------|
| 1  | M16    | 1/2   | PG9    |
| 2  | M20    | 3/4   | PG11   |
| 3  | M25    | 1     | PG13.5 |
| 4  | M32    | 1-1/4 | PG16   |
| 5  | M40    | 1-1/2 | PG21   |
| 6  | M50    | 2     | PG29   |
| 7  | M63    | 2-1/2 | PG36   |
| 8  | M75    | 3     | PG42   |
| 9  | M90    | 3-1/2 | PG48   |
| 10 | M100   | —     | —      |

① IP68 with entry thread seal or O-Ring not supplied, see Cable Gland Accessories and Tools.

② Entry thread seal not supplied, see Cable Gland Accessories and Tools.