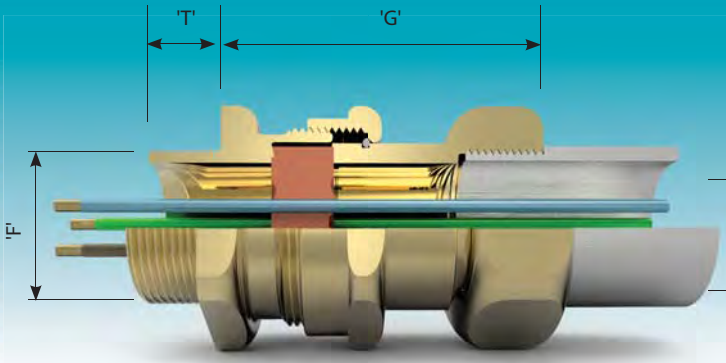


Flameproof, Increased Safety, Dust Protection  
Class - Zones - Divisions  
Certified ATEX / IECEx



**Application**

- Outdoor or indoor use.
- For particular use with:-
  - Cables that are not effectively filled, compact and/or circular, have tape bedding or have hygroscopic fillers.
  - Cables that exhibit 'Cold Flow' characteristics.
- See technical section for installation rules and regulations.



**CABLE GLAND SELECTION TABLE**

Size Ref.	Entry Thread Size 'F'				'G'	Hexagon Dimensions	
	Male		Female			Across Flats	Across Corners
	Metric	NPT * Standard or Option	Metric	NPT # Standard or Option			
A	M20	¾" or ½"	M20	-	69.0	30.0	32.5
B	M25	1" or ¾"	M25	-	61.0	36.0	39.5
C	M32	1¼" or 1"	M32	-	61.95	46.0	50.5

'T' — All dimensions in millimetres (except \* where dimensions are in inches). Metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

# NPT female thread sizes equivalent to those shown in the table for the male thread size are available. Hexagon dimensions as shown may alter.

**Technical Data**

- Flameproof Exd IIC Gb, Increased Safety Exe IIC Gb and Dust Extb IIIC Db Ex II 2 GD.
- Certificate No's: Baseefa06ATEX0056X and IECEx BAS 06.0013X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +80°C.
- Assembly Instruction Sheet: AI 309.

**Features**

- Provides a barrier seal between the individual insulated cores within the cable and prevents entry of the products of an explosion into the cable.
- The required number of holes for the cores are punched in the seal by means of a special tool to suit the core size.
- Provides female running coupler for cable gland or conduit entry.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**CABLE GLAND SIZE FOR CORE SIZE AND NUMBER**

Max. No. of Cores	Cores Cross Sectional Area mm <sup>2</sup>				
	1.5	2.5	4.0	6.0	10.0
7	A & B	A & B	B & C	C	C
4	-	-	-	B	-
3	-	-	-	-	B

**PUNCH TOOL SIZE DETAILS**

Punch Ref.	No. 1	No. 2	No. 3
Cores C.S.A.mm <sup>2</sup>	1.5 - 2.5	4.0 - 6.0	10.0

**Ordering Information**

To select the correct size punch tool, please see table.  
Format for ordering is as follows:

Cable Gland Type	Size	Thread	Material	Punch Tool Required
SB 474	C	M32	Brass	Punch Tool No. 1
SB 474	C	1 ¼" NPT	Brass	Punch Tool No. 1

Alternative certification options available:

