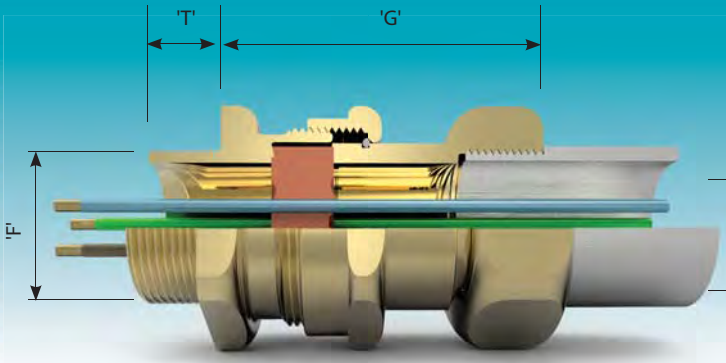


Flameproof, Increased Safety, Dust Protection
Class - Zones - Divisions
Certified ATEX / IECEx



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 ²				
	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 ²	1.5 - 2.5	4.0 - 6.0	10.0

* Additional installation procedures required

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:

