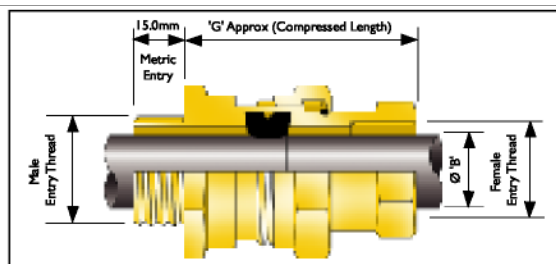


# HAWKE 501/414 TYPE CABLE GLAND

EExd IIC Eexe II

Increased Safety, Flameproof  
Zones 1 & 2, 21 & 22



## CABLE GLAND SELECTION TABLE

Size Ref.	Male Entry Thread Size		Female Entry Thread Size		Cable Acceptance Details				'G'	Hexagon Dimensions	
	Metric	NPT* Std./Option	Metric	NPT #	Outer Sheath 'B'					Across Flats	Across Corners
					Standard Seal		Alternative Seal (S)				
					Min.	Max.	Min.	Max.			
A	M20	3/4"/1/2"	M20	-	11.0	14.3	8.5	13.4	63.9	30.0	34.6
B	M25	1"/3/4"	M25	-	13.0	20.2	9.5	15.4	52.8	36.0	41.6
C	M32	1 1/4"/1"	M32	-	19.0	26.5	15.5	21.2	69.5	46.0	53.1
C2	M40	1 1/2"/1 1/4"	M40	-	25.0	32.5	22.0	28.0	72.3	55.0	63.5
D	M50	2"/1 1/2"	M50	-	31.5	44.4/42.3 <sup>1</sup>	27.5	34.8	92.8	65.0	75.1
E	M63	2 1/2"/2"	M63	-	42.5	56.3/54.3 <sup>1</sup>	39.0	46.5	93.2	80.0	92.4
F	M75	3"/2 1/2"	M75	-	54.5	68.2/65.3 <sup>1</sup>	48.5	58.3	94.9	95.0	109.6

<sup>1</sup>Smaller value is applicable when selecting reduced NPT entry option.

### General Information

All Metric entry threads are 1.5mm pitch medium fit.  
All dimensions in millimetres (except\* where dimensions are in inches).  
Assembly instruction data sheet No. A.I. 310.  
# NPT female thread sizes equivalent to those shown in the table for the male thread size are available. Hexagon dimensions as shown may alter.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available. See pages 44 - 48.

### Materials & Finishes

The 501/414 cable gland is manufactured as standard in brass, stainless steel and aluminium.  
NPT entries, nickel plated as standard. Full nickel plating available.

### Cable Gland Ordering Examples

**Cable Gland Type/Size/Male Thread/  
Female Thread**

e.g. 501/414/C/M32/M32  
501/414/C/1 1/4" NPT/M32

### Cable Gland with Alternative Seal (S)

e.g. 501/414/C/M32/M32/S  
501/414/C/1 1/4" NPT/M32/S




### Application

- Outdoor or Indoor use.
- For use with non-armoured elastomer and plastic insulated cables installed in conduit.
- See technical section of the catalogue for installation rules and regulations.

### Features

- Provides a cable retention seal onto the cables outer sheath.
- When used in increased safety applications, this cable gland may be used with braided cable where the braid and the cables outer sheath pass into the enclosure. The braid must be suitably terminated into the enclosure.
- Provides female running coupler for cable gland or conduit entry.

### Technical Data

- Flameproof EExd and Increased Safety EExe.  II 2 GD
- Baseefa Certificate No. BAS 01 ATEX 2076X.
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
- Suitable for use in Gas Groups IIA, IIB and IIC.
- Construction and test standards EN 50014, EN 50018, EN 50019 and EN 50281-1-1.
- IEC 60079-0, IEC 60079-1 and IEC 60079-7.
- IP66, IP67 and IP68 (30 metres for 7 days) ingress protection to IEC 60529 and EN 60529.
- DTS01 deluge protection certified by ITS.
- Operating temperature range -60°C to +100°C as standard.
- Alternative Certification Option Available.
-   Exd IIC/Exe II.

## Supplied by:

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