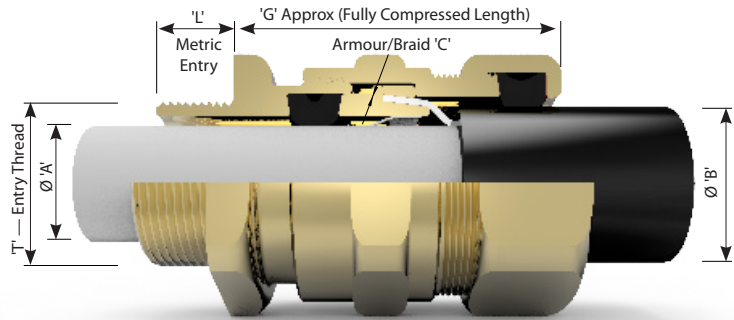




TME1W



A robust and simple dual compression cable gland for applications using SWA or AWA cable in a heavy industrial environment which is exposed to dust or extreme weather conditions. All cable glands can be supplied with a shroud, lock nut, serrated washer and an earth tag.

Cable Gland Selection Table													
Size Ref.	Entry Thread Size 'T'			Cable Acceptance Details							'G'	Hexagon Dims.	
	Metric	NPT* Standard or Option	Length of Thread (mm) 'L'	Inner Sheath 'A'				Outer Sheath 'B'		Standard Steel Wire 'W'		Across Flats	Across Corners
				Standard Seal		Alternative Seal (S)		Min	Max				
				Min	Max	Min	Max	Min	Max				
Os	M20 ²	½"	10	3.2	8.0	-	-	6.5	16.0	0.8/1.25	50.0	24.0	26.5
O	M20 ²	½"	10	6.5	11.9	-	-	6.5	16.0	0.8/1.25	50.0	24.0	26.5
A	M20	¾" or ½"	10	10.0	14.3	9.0	13.4	11.5	20.9	0.8/1.25	51.0	30.0	32.5
B	M25	1" or ¾"	10	13.0	20.2	9.5	15.4	17.0	27.2	1.25/1.6	55.0	36.0	39.5
C	M32	1¼" or 1"	10	19.5	26.5	15.5	21.2	23.5	33.6	1.6/2.0	57.0	46.0	50.5
C2	M40	1½" or 1¼"	15	25.0	32.5	22.0	28.0	31.0	43.0	1.6/2.0	65.0	55.0	60.6
D	M50	2" or 1½"	15	31.5	44.4/42.3 ¹	27.5	34.8	36.0	52.6	2.0/2.5	80.0	65.0	70.8
E	M63	2½" or 2"	15	42.5	56.3/54.3 ¹	39.0	46.5	52.0	65.3	2.0/2.5	80.0	80.0	88.0
F	M75	3" or 2½"	15	54.5	68.2/65.3 ¹	49.5	58.3	64.0	78.0	2.0/2.5	80.0	95.0	104.0

'T' - Metric entry threads are 1.5mm pitch as standard. All dimensions in millimetres (except * where dimensions are in inches).

¹Smaller value is applicable when selecting reduced NPT entry option ²Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

Features

- Simple robust 5 piece dual compression cable gland
- Simple mechanical clamping arrangement for all SWA and AWA cable
- Ease of assembly
- High quality materials with exceptional anti corrosion properties
- Tested to the latest industrial standards
- Excellent sealing range
- EMC tested
- All hexagon parts are the same size
- Provides cable retention seal onto the cables Outer and Inner Sheath
- Low smoke and fume, zero halogen seals and shroud available

Technical Data

Construction and Test Standards	BS EN 62444:2013 BS6121: Part 1 type E1W
Ingress Protection	IP66 IEC 60529
Material	Brass (standard), Nickel Plated Brass, 316L Stainless Steel with Neoprene Seal
Operating Temperature	Range: -60°C to +100°C
Clamping Arrangement	Two part armour clamp, dual compression seal inner and outer sheath
Earth	Electrical continuity using the armour wire termination (SWA, AWA)
Cable Type	Single Wire Armour SWA and AWA
Kit Information	Stand kit also available with a low smoke option. Use STD for Standard kit or LSF for low smoke
Assembly Instructions	AI 510

Note: Displacement or Compression seals do not prevent cold flow. IP seal required to maintain IP66.