

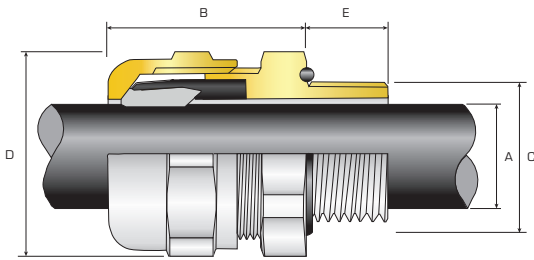
TRUSEAL TSM INDUSTRIAL, METALLIC CABLE GLAND

FOR ALL TYPES OF UNARMoured & BRAIDED / SCREENED CABLES

- Finger-locking seal provides superior cable retention and strain relief
- 3rd party certified to IEC/EN 62444
- Widest cable range take on the market
- Easy to install
- Robust design, high quality materials
- O-ring interface seal included as standard
- Transit disc or IP68, IP69 and IP69K rated IP plug options available
- Product supplied in nickel-plated brass, or stainless steel on request
- Nickel-plated brass locknut available (ordering suffix 2TN)



shown with standard seal



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444, EN 62444 (EN Metric only)
MECHANICAL CLASSIFICATION*	Impact = Level 6, Cable Anchorage = Type A
ENCLOSURE PROTECTION	IK08 to IEC 62262 (7 joules)
INGRESS PROTECTION RATING	IP66, IP67, IP68**, IP69 & IP69K
CABLE GLAND MATERIAL	Nickel-plated brass, Stainless Steel (option)
SEAL MATERIAL	CMP SOLO LSF Halogen-free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided (when braid is terminate inside enclosure)
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

* Mechanical classifications applied as per IEC/EN 62444

** IP68 tested to 300 kPa for 16 hours (equivalent to 30 metres water depth)

PRODUCT SELECTION TABLE WITH DUAL SEALING RANGE

DUAL SEAL		AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
		STANDARD		OPTION							
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
16DTSMITA5	16DTSMT2N5	M16	6.0	12.0	3/8"	11.0	3.0	10.0	20.0	22.0	23.6
20DTSMITA5	20DTSMT2N5	M20	6.5	12.0	1/2"	14.0	5.0	14.0	24.0	26.4	26.7
25DTSMITA5	25DTSMT2N5	M25	7.0	12.0	3/4"	15.0	9.0	18.0	30.0	33.0	32.0
32DTSMITA5	32DTSMT2N5	M32	8.0	12.0	1"	18.0	12.5	25.0	39.0	42.9	37.8
40DTSMITA5	40DTSMT2N5	M40	8.0	15.0	1 1/4"	18.0	19.0	32.0	50.0	55.0	44.7
50DTSMITA5	50DTSMT2N5	M50	9.0	15.0	1 1/2"	19.0	22.0	38.0	57.0	62.7	48.7
63DTSMITA5	63DTSMT2N5	M63	10.0	15.0	2"	20.0	28.0	48.0	68.0	74.8	52.2

PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

STANDARD SEAL		AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
		STANDARD		OPTION							
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
12STSMITA5	12STSM2TN5	M12	6.0	12.0	1/4"	11.0	3.0	6.5	16.0	17.6	22.3
16STSMITA5	16STSM2TN5	M16	6.0	12.0	3/8"	11.0	3.0	7.0	20.0	22.0	23.6
16STSMITA5	16STSM2TN5	M16	6.0	12.0	3/8"	11.0	6.0	10.0	20.0	22.0	23.6
20STSMITA5	20STSM2TN5	M20	6.5	12.0	1/2"	14.0	5.0	10.0	24.0	26.4	26.7
20STSMITA5	20STSM2TN5	M20	6.5	12.0	1/2"	14.0	9.0	14.0	24.0	26.4	26.7
25STSMITA5	25STSM2TN5	M25	7.0	12.0	3/4"	15.0	9.0	15.5	30.0	33.0	32.0
25STSMITA5	25STSM2TN5	M25	7.0	12.0	3/4"	15.0	12.5	18.0	30.0	33.0	32.0
32STSMITA5	32STSM2TN5	M32	8.0	12.0	1"	18.0	12.5	19.0	39.0	42.9	37.8
32STSMITA5	32STSM2TN5	M32	8.0	12.0	1"	18.0	17.0	25.0	39.0	42.9	37.8
40STSMITA5	40STSM2TN5	M40	8.0	15.0	1 1/4"	18.0	19.0	27.0	50.0	55.0	44.7
40STSMITA5	40STSM2TN5	M40	8.0	15.0	1 1/4"	18.0	24.0	32.0	50.0	55.0	44.7
50STSMITA5	50STSM2TN5	M50	9.0	15.0	1 1/2"	19.0	22.0	32.0	57.0	62.7	48.7
50STSMITA5	50STSM2TN5	M50	9.0	15.0	1 1/2"	19.0	28.0	38.0	57.0	62.7	48.7
63STSMITA5	63STSM2TN5	M63	10.0	15.0	2"	20.0	28.0	39.0	68.0	74.8	52.2
63STSMITA5	63STSM2TN5	M63	10.0	15.0	2"	20.0	37.0	48.0	68.0	74.8	52.2

For NPT threads add a 'T' to the suffix e.g. 16DTSMITAST (1/4" NPT)
For long metric threads add an 'L' to the suffix e.g. 16DTSMITASL (M16, with 12mm length of entry thread)

Dimensions are displayed in millimetres unless otherwise stated