

# TSZ EMC NPT



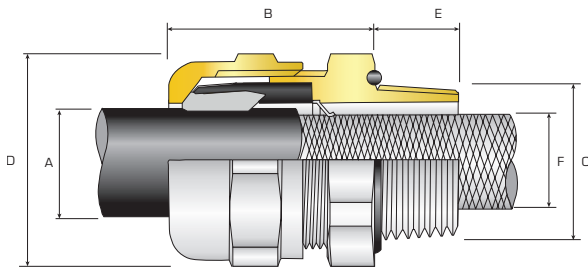
## TRUSEAL TSZ, EMC, INDUSTRIAL CABLE GLAND WITH NPT ENTRY THREADS

### FOR ALL TYPES OF BRAIDED / SCREENED CABLES

- Designed for superior EMC performance
- 360° contact around screen circumference
- 3<sup>rd</sup> party EMC performance tested to EN 55032
- Finger-locking seal provides superior cable retention and strain relief
- 3<sup>rd</sup> party certified to IEC 62444
- Widest cable range take on the market
- 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
- Ex eb certified product also available
- Nickel-plated brass locknut available (ordering suffix 2TN)



Product tested to IEC 60529, equivalent NEMA ratings shown for comparison purposes.



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444
IEC 62444 CERTIFICATE	CML 20CAI2915
MECHANICAL CLASSIFICATION*	Impact = Level 6, Cable Anchorage = Type A
ENCLOSURE PROTECTION	IK08 to IEC 62262 (7 joules)
INGRESS PROTECTION RATING**	IP66, IP67, IP68**, IP69 and IP69K
CABLE GLAND MATERIAL	Nickel-Plated Brass, Stainless Steel (option)
SEAL MATERIAL	CMP SOLO LSF Halogen-free Thermoset Elastomer
CABLE TYPE	Screened or Braided
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

\* Mechanical Classifications applied as per IEC 62444

\*\* Contact CMP for further information on ingress protection ratings

\*\*\* 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'
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX	
16DTSZ1TA5T	16DTSZ2TN5T	3/8"	0.49	0.12	0.39	0.79	0.87	0.93
20DTSZ1TA5T	20DTSZ2TN5T	1/2"	0.63	0.20	0.55	0.94	1.04	1.05
25DTSZ1TA5T	25DTSZ2TN5T	3/4"	0.64	0.35	0.71	1.18	1.30	1.26
32DTSZ1TA5T	32DTSZ2TN5T	1"	0.80	0.49	0.98	1.54	1.69	1.49
40DTSZ1TA5T	40DTSZ2TN5T	1 1/4"	0.83	0.75	1.26	1.97	2.17	1.76
50DTSZ1TA5T	50DTSZ2TN5T	1 1/2"	0.87	0.87	1.50	2.24	2.47	1.92
63DTSZ1TA5T	63DTSZ2TN5T	2"	0.87	1.10	1.89	2.68	2.94	2.06

### 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'
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX	
12TSZ1TA5T	12TSZ2TN5T	1/4"	0.48	0.12	0.25	0.63	0.69	0.88
16TSZ1TA5T	16TSZ2TN5T	3/8"	0.49	0.12	0.27	0.79	0.87	0.93
16TSZ1TA5T	16TSZ2TN5T	3/8"	0.49	0.24	0.39	0.79	0.87	0.93
20TSZ1TA5T	20TSZ2TN5T	1/2"	0.63	0.20	0.39	0.94	1.04	1.05
20TSZ1TA5T	20TSZ2TN5T	1/2"	0.63	0.35	0.55	0.94	1.04	1.05
25TSZ1TA5T	25TSZ2TN5T	3/4"	0.64	0.35	0.61	1.18	1.30	1.26
25TSZ1TA5T	25TSZ2TN5T	3/4"	0.64	0.49	0.71	1.18	1.30	1.26
32TSZ1TA5T	32TSZ2TN5T	1"	0.80	0.49	0.75	1.54	1.69	1.49
32TSZ1TA5T	32TSZ2TN5T	1"	0.80	0.67	0.98	1.54	1.69	1.49
40TSZ1TA5T	40TSZ2TN5T	1 1/4"	0.83	0.75	1.06	1.97	2.17	1.76
40TSZ1TA5T	40TSZ2TN5T	1 1/4"	0.83	0.95	1.26	1.97	2.17	1.76
50TSZ1TA5T	50TSZ2TN5T	1 1/2"	0.87	0.87	1.26	2.24	2.47	1.92
50TSZ1TA5T	50TSZ2TN5T	1 1/2"	0.87	1.10	1.50	2.24	2.47	1.92
63TSZ1TA5T	63TSZ2TN5T	2"	0.87	1.10	1.54	2.68	2.94	2.06
63TSZ1TA5T	63TSZ2TN5T	2"	0.87	1.46	1.89	2.68	2.94	2.06

Dimensions are displayed in inches unless otherwise stated