

TSX DIN 89345

TRUSEAL
EMC

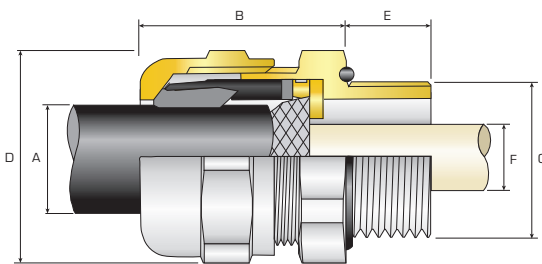
**TRUSEAL TSX, EMC, INDUSTRIAL
CABLE GLAND TO DIN 89345**

FOR ALL TYPES OF BRAIDED / SCREENED CABLES

- Designed for superior EMC performance
- Clamping cone and ring design
- 360° contact around screen circumference
- 3rd party EMC performance tested to EN 55032
- Finger-locking seal provides superior cable retention and strain relief
- 3rd party certified to IEC/EN 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)



shown with standard seal



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444, EN 62444, DIN 89345 (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	Braided
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'		CABLE BEDDING DIAMETER 'E'	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	MAX	
16DTSX1TA5	16DTSX2TN5	M16	6.0	12.0	3/8"	11.0	3.0	10.0	7.5	20.0	22.0	30.7
20DTSX1TA5	20DTSX2TN5	M20	6.5	12.0	1/2"	14.0	5.0	14.0	9.5	24.0	26.4	33.8
25DTSX1TA5	25DTSX2TN5	M25	7.0	12.0	3/4"	15.0	9.0	18.0	16.0	30.0	33.0	39.0
32DTSX1TA5	32DTSX2TN5	M32	8.0	12.0	1"	18.0	12.5	25.0	20.0	39.0	42.9	45.0
40DTSX1TA5	40DTSX2TN5	M40	8.0	15.0	1 1/4"	18.0	19.0	32.0	25.9	50.0	55.0	52.4
50DTSX1TA5	50DTSX2TN5	M50	9.0	15.0	1 1/2"	19.0	22.0	38.0	33.0	57.0	62.7	55.8
63DTSX1TA5	63DTSX2TN5	M63	10.0	15.0	2"	20.0	28.0	48.0	45.0	68.0	74.8	60.9

PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

STANDARD SEAL		AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		CABLE BEDDING DIAMETER 'E'	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	MAX	
12TSX1TA5	12TSX2TN5	M12	6.0	12.0	1/4"	11.0	3.0	6.5	5.0	16.0	17.6	30.7
16TSX1TA5	16TSX2TN5	M16	6.0	12.0	3/8"	11.0	3.0	7.0	7.0	20.0	22.0	30.7
16TSX1TA5	16TSX2TN5	M16	6.0	12.0	3/8"	11.0	6.0	10.0	7.5	20.0	22.0	30.7
20STX1TA5	20STX2TN5	M20	6.5	12.0	1/2"	14.0	5.0	10.0	9.5	24.0	26.4	33.8
20TSX1TA5	20TSX2TN5	M20	6.5	12.0	1/2"	14.0	9.0	14.0	9.5	24.0	26.4	33.8
25STX1TA5	25STX2TN5	M25	7.0	12.0	3/4"	15.0	9.0	15.5	15.5	30.0	33.0	39.0
25TSX1TA5	25TSX2TN5	M25	7.0	12.0	3/4"	15.0	12.5	18.0	16.0	30.0	33.0	39.0
32STX1TA5	32STX2TN5	M32	8.0	12.0	1"	18.0	12.5	19.0	19.0	39.0	42.9	45.0
32TSX1TA5	32TSX2TN5	M32	8.0	12.0	1"	18.0	17.0	25.0	20.0	39.0	42.9	45.0
40STX1TA5	40STX2TN5	M40	8.0	15.0	1 1/4"	18.0	19.0	27.0	25.9	50.0	55.0	52.4
40TSX1TA5	40TSX2TN5	M40	8.0	15.0	1 1/4"	18.0	24.0	32.0	25.9	50.0	55.0	52.4
50STX1TA5	50STX2TN5	M50	9.0	15.0	1 1/2"	19.0	22.0	32.0	32.0	57.0	62.7	55.8
50TSX1TA5	50TSX2TN5	M50	9.0	15.0	1 1/2"	19.0	28.0	38.0	33.0	57.0	62.7	55.8
63STX1TA5	63STX2TN5	M63	10.0	15.0	2"	20.0	28.0	39.0	39.0	68.0	74.8	60.9
63TSX1TA5	63TSX2TN5	M63	10.0	15.0	2"	20.0	37.0	48.0	45.0	68.0	74.8	60.9

For NPT threads add a 'T' to the suffix e.g. 16DTSX1TAST (3/4" NPT)
For long metric threads add an 'L' to the suffix e.g. 16DTSX1TA5L (M16, with 12mm length of entry thread)

Dimensions are displayed in millimetres unless otherwise stated