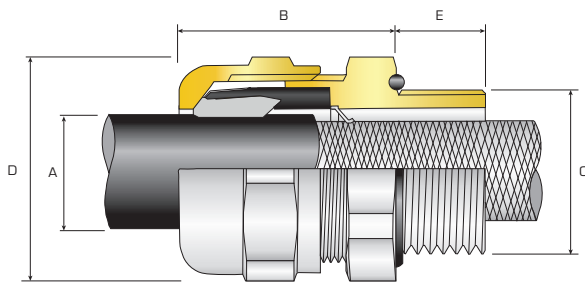


## TRUSEAL TSZ, EMC, INDUSTRIAL CABLE GLAND

### 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/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)



| 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                 | Screened or 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' |      | 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                |                       |
| 16DTSZ1TA5       | 16DTSZ2TN5               | M16                         | 6.0                        | 12.0                            | 3/8"   | 11.0                    | 3.0                        | 10.0 | 20.0             | 22.0               | 23.6                  |
| 20DTSZ1TA5       | 20DTSZ2TN5               | M20                         | 6.5                        | 12.0                            | 1/2"   | 14.0                    | 5.0                        | 14.0 | 24.0             | 26.4               | 26.7                  |
| 25DTSZ1TA5       | 25DTSZ2TN5               | M25                         | 7.0                        | 12.0                            | 3/4"   | 15.0                    | 9.0                        | 18.0 | 30.0             | 33.0               | 32.0                  |
| 32DTSZ1TA5       | 32DTSZ2TN5               | M32                         | 8.0                        | 12.0                            | 1"     | 18.0                    | 12.5                       | 25.0 | 39.0             | 42.9               | 37.8                  |
| 40DTSZ1TA5       | 40DTSZ2TN5               | M40                         | 8.0                        | 15.0                            | 1 1/4" | 18.0                    | 19.0                       | 32.0 | 50.0             | 55.0               | 44.7                  |
| 50DTSZ1TA5       | 50DTSZ2TN5               | M50                         | 9.0                        | 15.0                            | 1 1/2" | 19.0                    | 22.0                       | 38.0 | 57.0             | 62.7               | 48.7                  |
| 63DTSZ1TA5       | 63DTSZ2TN5               | 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                |                       |
| 12TSZ1TA5        | 12TSZ2TN5                | M12                         | 6.0                        | 12.0                            | 1/4"   | 11.0                    | 3.0                        | 6.5  | 16.0             | 17.6               | 22.3                  |
| 16TSZ1TA5        | 16TSZ2TN5                | M16                         | 6.0                        | 12.0                            | 3/8"   | 11.0                    | 3.0                        | 7.0  | 20.0             | 22.0               | 23.6                  |
| 16TSZ1TA5        | 16TSZ2TN5                | M16                         | 6.0                        | 12.0                            | 3/8"   | 11.0                    | 6.0                        | 10.0 | 20.0             | 22.0               | 23.6                  |
| 20TSZ1TA5        | 20TSZ2TN5                | M20                         | 6.5                        | 12.0                            | 1/2"   | 14.0                    | 5.0                        | 10.0 | 24.0             | 26.4               | 26.7                  |
| 20TSZ1TA5        | 20TSZ2TN5                | M20                         | 6.5                        | 12.0                            | 1/2"   | 14.0                    | 9.0                        | 14.0 | 24.0             | 26.4               | 26.7                  |
| 25TSZ1TA5        | 25TSZ2TN5                | M25                         | 7.0                        | 12.0                            | 3/4"   | 15.0                    | 9.0                        | 15.5 | 30.0             | 33.0               | 32.0                  |
| 25TSZ1TA5        | 25TSZ2TN5                | M25                         | 7.0                        | 12.0                            | 3/4"   | 15.0                    | 12.5                       | 18.0 | 30.0             | 33.0               | 32.0                  |
| 32TSZ1TA5        | 32TSZ2TN5                | M32                         | 8.0                        | 12.0                            | 1"     | 18.0                    | 12.5                       | 19.0 | 39.0             | 42.9               | 37.8                  |
| 32TSZ1TA5        | 32TSZ2TN5                | M32                         | 8.0                        | 12.0                            | 1"     | 18.0                    | 17.0                       | 25.0 | 39.0             | 42.9               | 37.8                  |
| 40TSZ1TA5        | 40TSZ2TN5                | M40                         | 8.0                        | 15.0                            | 1 1/4" | 18.0                    | 19.0                       | 27.0 | 50.0             | 55.0               | 44.7                  |
| 40TSZ1TA5        | 40TSZ2TN5                | M40                         | 8.0                        | 15.0                            | 1 1/4" | 18.0                    | 24.0                       | 32.0 | 50.0             | 55.0               | 44.7                  |
| 50TSZ1TA5        | 50TSZ2TN5                | M50                         | 9.0                        | 15.0                            | 1 1/2" | 19.0                    | 22.0                       | 32.0 | 57.0             | 62.7               | 48.7                  |
| 50TSZ1TA5        | 50TSZ2TN5                | M50                         | 9.0                        | 15.0                            | 1 1/2" | 19.0                    | 28.0                       | 38.0 | 57.0             | 62.7               | 48.7                  |
| 63TSZ1TA5        | 63TSZ2TN5                | M63                         | 10.0                       | 15.0                            | 2"     | 20.0                    | 28.0                       | 39.0 | 68.0             | 74.8               | 52.2                  |
| 63TSZ1TA5        | 63TSZ2TN5                | 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. 16DTSZ1TA52T (1/2" NPT)  
 For long metric threads add an 'L' to the suffix e.g. 16DTSZ1TA52L (M16, 12mm length of entry thread)

Dimensions are displayed in millimetres unless otherwise stated