

NEER™ Zinc Set Screw Connectors and Couplings

NEC/CEC:
Listed for Ordinary Locations

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TC-500: Couplings

Application

- To join lengths of steel EMT for concretetight or dry location applications.

Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-511

| Trade Size (Inches) | Dimensions in Millimeters (Inches) | | | Weight per 100 kg (lb) | Catalog Number |
|---------------------|------------------------------------|------------------|--|------------------------|----------------|
| | Body Length | Maximum Diameter | | | |
| 1/2 | 38.1 (1.50) | 26.7 (1.05) | | 8.62 (19.00) | TC-511 |
| 3/4 | 47.8 (1.88) | 31.5 (1.24) | | 11.34 (25.00) | TC-512 |
| 1 | 50.8 (2.00) | 38.9 (1.53) | | 17.69 (39.00) | TC-513 |
| 1-1/4 | 63.5 (2.50) | 50.3 (1.98) | | 39.92 (88.00) | TC-514 |
| 1-1/2 | 72.9 (2.87) | 55.9 (2.20) | | 47.17 (104.00) | TC-515 |
| 2 | 87.4 (3.44) | 68.3 (2.69) | | 67.59 (149.00) | TC-516 |
| 2 - 1/2 | 101.9 (4.01) | 84.6 (3.33) | | 108.86 (240.00) | TC-517 ① |
| 3 | 113.8 (4.48) | 101.1 (3.98) | | 158.76 (350.00) | TC-518 ① |
| 3 - 1/2 | 125.2 (4.93) | 113.8 (4.48) | | 215.46 (475.00) | TC-519 ① |
| 4 | 132.8 (5.23) | 126.5 (4.98) | | 272.16 (600.00) | TC-520 ① |

① For EMT and threadless rigid metal conduit and IMC.

Note:

- TC-511, 512 and 513 are single set screw each end. TC-514, 515, 516, 517, 518, 519 and 520 are double set screw each end.

TC-500: Connectors

Application

- To secure and terminate steel EMT to knockouts in concretetight box or dry location applications.

Features

- Concretetight when taped.
- Pre-set/pre-staked set screws.
- Combination head set screws.
- Male hub threads — NPS.
- Available with insulated throat.
- Furnished with locknut.

Material/Finish

- Zinc diecast

NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14895
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



TC-501

| Trade Size (Inches) | Dimensions in Millimeters (Inches) | | | | Catalog Number | Insulated Throat Catalog Number |
|---------------------|------------------------------------|------------------|---------------|--|----------------|---------------------------------|
| | Body Length | Maximum Diameter | Thread Length | | | |
| 1/2 | 29.2 (1.15) | 10.2 (0.40) | 26.7 (1.05) | | TC-501 | TCI-501 |
| 3/4 | 35.8 (1.41) | 11.7 (0.46) | 32.8 (1.29) | | TC-502 | TCI-502 |
| 1 | 39.6 (1.56) | 13.5 (0.53) | 38.4 (1.51) | | TC-503 | TCI-503 |
| 1-1/4 | 50.0 (1.97) | 15.7 (0.62) | 50.3 (1.98) | | TC-504 | TCI-504 |
| 1-1/2 | 56.1 (2.21) | 18.5 (0.73) | 55.9 (2.20) | | TC-505 | TCI-505 |
| 2 | 63.8 (2.51) | 19.3 (0.76) | 68.3 (2.69) | | TC-506 | TCI-506 |
| 2 - 1/2 | 78.7 (3.10) | 26.4 (1.04) | 84.6 (3.33) | | TC-507 ① | TCI-507 ① |
| 3 | 86.1 (3.39) | 26.9 (1.06) | 101.1 (3.98) | | TC-508 ① | TCI-508 ① |
| 3 - 1/2 | 90.4 (3.56) | 26.9 (1.06) | 113.8 (4.48) | | TC-509 ① | TCI-509 ① |
| 4 | 96.0 (3.78) | 28.2 (1.11) | 126.5 (4.98) | | TC-510 ① | TCI-510 ① |

Note:

- TC-501, 502 and 503 are single set screw. TC-504, 505, 506, 507, 508, 509 and 510 are double set screw. TCI-501, 502, and 503 are single set screw. TCI-504, 505, 506, 507, 508, 509 and 510 are double set screw.