

# 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.