

# Threadless Compression and Set-Screw Couplings and Connectors

## For RMC and IMC

NEC — Listed fittings are suitable for use in the following Hazardous Locations:  
Class I, Division 2 per NEC 501.10(B)(1)(1)  
Class I, Division 2 per NEC 501.10(B)(4)

### Application

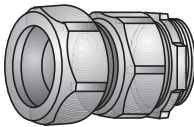
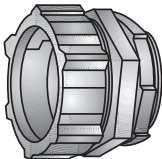
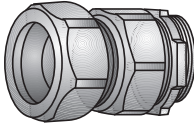
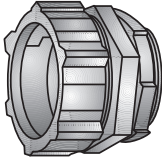
- Compression couplings are used to join lengths of rigid metal conduit.
- Compression connectors are used to secure and terminate rigid metal conduit to enclosures.
- Set-screw couplings are used to join lengths of rigid metal conduit and IMC.
- Set-screw connectors are used to secure and terminate rigid metal conduit and IMC to enclosures.

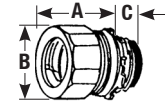
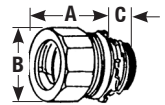
### NEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- NEMA: FB-1

### Standard Materials

- Malleable iron/zinc electroplate

|                                                                                     |         | Dimensions in Millimeters (Inches) |               |              | Appleton™<br>Catalog<br>Number | O-Z/Gedney™<br>Catalog<br>Number |
|-------------------------------------------------------------------------------------|---------|------------------------------------|---------------|--------------|--------------------------------|----------------------------------|
| Trade Size<br>(Inches)                                                              |         | A                                  | B             | C            |                                |                                  |
| Compression Connectors - Concretetight                                              |         |                                    |               |              |                                |                                  |
|   | 1/2     | 19.1 (0.75)                        | 35.1 (1.38)   | 11.2 (0.44)  | NTC-50                         | 31-050                           |
|                                                                                     | 3/4     | 22.4 (0.88)                        | 39.6 (1.56)   | 11.2 (0.44)  | NTC-75                         | 31-075                           |
|                                                                                     | 1       | 30.2 (1.19)                        | 49.3 (1.94)   | 14.2 (0.56)  | NTC-100                        | 31-100                           |
|                                                                                     | 1-1/4   | 35.1 (1.38)                        | 58.7 (2.31)   | 16.0 (0.63)  | NTC-125                        | 31-125                           |
|                                                                                     | 1-1/2   | 35.1 (1.38)                        | 66.8 (2.63)   | 16.0 (0.63)  | NTC-150                        | 31-150                           |
|                                                                                     | 2       | 38.1 (1.50)                        | 84.1 (3.31)   | 17.5 (0.69)  | NTC-200                        | 31-200                           |
|  | 2 - 1/2 | 54.1 (2.13)                        | 102.4 (4.03)  | 25.4 (1.0)   | NTC-250 ①                      | 31-250①                          |
|                                                                                     | 3       | 62.0 (2.44)                        | 122.2 (4.81)  | 25.4 (1.0)   | NTC-300 ①                      | 31-300①                          |
|                                                                                     | 3 - 1/2 | 66.8 (2.63)                        | 139.7 (5.50)  | 30.2 (1.19)  | NTC-350 ①                      | 31-350①                          |
|                                                                                     | 4       | 65.0 (2.56)                        | 155.7 (6.13)  | 31.8 (1.25)  | NTC-400 ①                      | 31-400①                          |
|                                                                                     | 5       | 55.63 (2.19)                       | 187.45 (7.38) | 28.7 (1.13)  | —                              | 31-500①                          |
|                                                                                     | 6       | 60.45 (2.38)                       | 217.42 (8.56) | 35.05 (1.38) | —                              | 31-600①                          |
| Compression Connectors — Insulated — Concretetight                                  |         |                                    |               |              |                                |                                  |
|  | 1/2     | 19.1 (0.75)                        | 35.1 (1.38)   | 11.2 (0.44)  | RNTC-50                        | 31-050T                          |
|                                                                                     | 3/4     | 22.4 (0.88)                        | 39.6 (1.56)   | 11.2 (0.44)  | RNTC-75                        | 31-075T                          |
|                                                                                     | 1       | 30.2 (1.19)                        | 49.3 (1.94)   | 14.2 (0.56)  | RNTC-100                       | 31-100T                          |
|                                                                                     | 1-1/4   | 35.1 (1.38)                        | 58.7 (2.31)   | 16.0 (0.63)  | RNTC-125                       | 31-125T                          |
|                                                                                     | 1-1/2   | 35.1 (1.38)                        | 66.8 (2.63)   | 16.0 (0.63)  | RNTC-150                       | 31-150T                          |
|                                                                                     | 2       | 38.1 (1.50)                        | 84.1 (3.31)   | 17.5 (0.69)  | RNTC-200                       | 31-200T                          |
|  | 2-1/2   | 54.1 (2.13)                        | 102.36 (4.03) | 25.4 (1.0)   | —                              | 31-250T ①                        |
|                                                                                     | 3       | 61.98 (2.44)                       | 122.17 (4.81) | 25.4 (1.0)   | —                              | 31-300T ①                        |
|                                                                                     | 3-1/2   | 66.8 (2.63)                        | 139.7 (5.5)   | 30.23 (1.19) | —                              | 31-350T ①                        |
|                                                                                     | 4       | 65.02 (2.56)                       | 155.7 (6.13)  | 31.75 (1.25) | —                              | 31-400T ①                        |
|                                                                                     | 5       | 55.63 (2.19)                       | 187.45 (7.38) | 28.7 (1.13)  | —                              | 31-500T ①                        |
|                                                                                     | 6       | 60.45 (2.38)                       | 217.42 (8.56) | 35.05 (1.38) | —                              | 31-600T ①                        |



① Not UL Listed.