

# Threadless Rigid Conduit and IMC Couplings

## Application

- Couplings are used to join lengths of steel EMT to rigid metal conduit.
- Connectors are used to secure and terminate steel EMT to knockouts and concrete tight box.


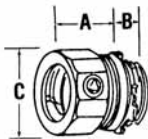

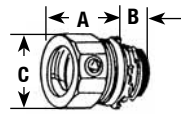

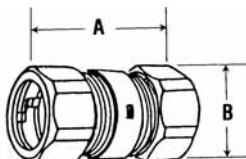


## Material

- NTC, RNTC, NTCC: 1/2" thru 3/4": steel, 1" thru 1-1/4": steel and malleable iron, 1-1/2" thru 4": malleable iron
- NL: 90° connectors: malleable iron

- SNTC, SRNTC: 1/2" thru 2": steel, 2-1/2" thru 4": malleable iron
- SNTCC: steel
- RCC: malleable iron

## Certifications and Compliances



- UL Standard: 514B
- UL Listed: E14814 (NTC 1/2 - 2) (NTCC 1/2 - 2)
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

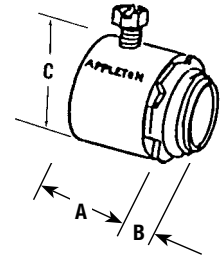
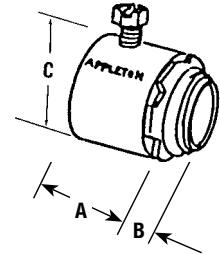
|   | Catalog Number  | Trade Size (Inches) | Dimensions in Inches/Millimeters |            |   | Weight Lbs./Kgs. Per 100 |
|---|-----------------|---------------------|----------------------------------|------------|---|--------------------------|
|   |                 |                     | A                                | B          | C   |                          |
| <b>Compression Connectors – Concretetight</b>                                       |                 |                     |                                  |            |   |                          |
|   | <b>NTC-50</b>   | 1/2                 | 0.88/22.4                        | 0.38/9.7   | 1.31/33.3   | 15.00/6.80               |
|   | <b>NTC-75</b>   | 3/4                 | 0.88/22.4                        | 0.38/9.7   | 1.63/41.4   | 23.00/10.43              |
|   | <b>NTC-100</b>  | 1                   | 1.00/25.4                        | 0.63/16.0  | 1.88/47.8   | 40.00/18.14              |
|   | <b>NTC-125</b>  | 1-1/4               | 1.31/33.3                        | 0.63/16.0  | 2.31/58.7   | 64.00/29.03              |
|   | <b>NTC-150</b>  | 1-1/2               | 1.38/35.1                        | 0.63/16.0  | 2.69/68.3   | 90.00/40.82              |
|   | <b>NTC-200</b>  | 2                   | 1.44/36.6                        | 0.63/16.0  | 3.25/82.6   | 153.00/69.40             |
|   | <b>NTC-250</b>  | 2-1/2               | 2.38/60.5                        | 1.00/25.4  | 3.63/92.2   | 258.00/117.03            |
|   | <b>NTC-300</b>  | 3                   | 2.88/73.2                        | 1.00/25.4  | 4.25/108.0  | 350.00/158.76            |
|   | <b>NTC-350</b>  | 3-1/2               | 2.69/68.3                        | 1.00/25.4  | 4.88/124.0  | 450.00/204.12            |
|   | <b>NTC-400</b>  | 4                   | 2.69/68.3                        | 1.00/25.4  | 5.38/136.7  | 510.00/231.33            |
|   |                 |                     |                                  |            |    |                          |
| <b>Compression Connectors – Insulated – Concretetight</b>                           |                 |                     |                                  |            |   |                          |
|  | <b>RNTC-50</b>  | 1/2                 | 0.88/22.4                        | 0.38/9.7   | 1.31/33.3   | 14.00/6.35               |
|   | <b>RNTC-75</b>  | 3/4                 | 0.88/22.4                        | 0.38/9.7   | 1.63/41.4   | 22.00/9.98               |
|   | <b>RNTC-100</b> | 1                   | 1.00/25.4                        | 0.63/16.0  | 1.88/47.8   | 40.00/18.14              |
|   | <b>RNTC-125</b> | 1-1/4               | 1.31/33.3                        | 0.63/16.0  | 2.31/58.7   | 64.00/29.03              |
|   | <b>RNTC-150</b> | 1-1/2               | 1.38/35.1                        | 0.63/16.0  | 2.69/68.3   | 90.00/40.82              |
|   | <b>RNTC-200</b> | 2                   | 1.44/36.6                        | 0.63/16.0  | 3.25/82.6   | 145.00/65.77             |
|   |                 |                     |                                  |            |  |                          |
| <b>Compression Couplings – Concretetight</b>  |                 |                     |                                  |            |   |                          |
|  | <b>NTCC-50</b>  | 1/2                 | 2.13/54.1                        | 1.31/33.3  | —   | 25.00/11.34              |
|   | <b>NTCC-75</b>  | 3/4                 | 2.31/58.7                        | 1.63/41.4  | —   | 35.00/15.88              |
|   | <b>NTCC-100</b> | 1                   | 2.50/63.5                        | 1.88/47.8  | —   | 57.00/25.85              |
|   | <b>NTCC-125</b> | 1-1/4               | 2.88/73.2                        | 2.31/58.7  | —   | 91.00/41.28              |
|   | <b>NTCC-150</b> | 1-1/2               | 3.31/84.1                        | 2.69/68.3  | —   | 129.00/58.51             |
|   | <b>NTCC-200</b> | 2                   | 4.06/103.1                       | 3.25/82.6  | —   | 273.00/123.83            |
|   | <b>NTCC-250</b> | 2-1/2               | 5.00/127.0                       | 3.63/92.2  | —   | 375.00/170.10            |
|   | <b>NTCC-300</b> | 3                   | 5.06/128.5                       | 4.25/108.0 | —   | 465.00/210.92            |
|   | <b>NTCC-350</b> | 3-1/2               | 5.25/133.4                       | 4.88/124.0 | —   | 605.00/274.42            |
|   | <b>NTCC-400</b> | 4                   | 5.38/136.7                       | 5.38/136.7 | —   | 680.00/308.44            |
|   |                 |                     |                                  |            |  |                          |
| <b>90° Compression Box Connectors – Concretetight</b>                               |                 |                     |                                  |            |   |                          |
|  | <b>NL90-50L</b> | 1/2                 | —                                | —          | —   | 25.00/11.34              |
|   | <b>NL90-75L</b> | 3/4                 | —                                | —          | —   | 40.00/18.14              |
|   |                 |                     |                                  |            |  |                          |

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

# Threadless Rigid Conduit and IMC Couplings and Connectors

|   |                     | Dimensions in Inches/Millimeters |           |           | Weight            |               |
|---|---------------------|----------------------------------|-----------|-----------|-------------------|---------------|
| Catalog Number  | Trade Size (Inches) | A                                | B         | C         | Lbs./Kgs. Per 100 |               |
| <b>Set Screw Connectors – Concretetight when taped – Steel/Malleable Iron</b>             |                     |                                  |           |           |                   |               |
|          | <b>SNTC-50</b>      | 1/2                              | 0.94/23.9 | 0.38/9.7  | 1.13/28.7         | 15.00/6.80    |
|   | <b>SNTC-75</b>      | 3/4                              | 1.00/25.4 | 0.38/9.7  | 1.31/33.3         | 20.00/9.07    |
|   | <b>SNTC-100</b>     | 1                                | 1.19/30.2 | 0.56/14.2 | 1.63/41.4         | 36.00/16.33   |
|   | <b>SNTC-125</b>     | 1-1/4                            | 1.25/31.8 | 0.63/16.0 | 2.00/50.8         | 49.00/22.23   |
|   | <b>SNTC-150</b>     | 1-1/2                            | 1.63/41.4 | 0.63/16.0 | 2.25/57.2         | 73.00/33.11   |
|   | <b>SNTC-200</b>     | 2                                | 1.63/41.4 | 0.63/16.0 | 2.75/69.9         | 98.00/44.45   |
|   | <b>SNTC-250</b>     | 2-1/2                            | 2.19/55.6 | 1.00/25.4 | 3.38/85.9         | 230.00/104.33 |
|   | <b>SNTC-300</b>     | 3                                | 2.25/57.2 | 1.00/25.4 | 4.00/101.6        | 269.00/122.02 |
|   | <b>SNTC-350</b>     | 3-1/2                            | 2.69/68.3 | 1.00/25.4 | 4.50/114.3        | 375.00/170.10 |
|   | <b>SNTC-400</b>     | 4                                | 2.94/74.7 | 1.00/25.4 | 5.00/127.0        | 438.00/198.67 |
| <b>Set Screw Connectors – Insulated – Concretetight when taped – Steel/Malleable Iron</b> |                     |                                  |           |           |                   |               |
|        | <b>SRNTC-50</b>     | 1/2                              | 0.94/23.9 | 0.38/9.7  | 1.13/28.7         | 15.00/6.80    |
|   | <b>SRNTC-75</b>     | 3/4                              | 1.00/25.4 | 0.38/9.7  | 1.31/33.3         | 22.00/9.98    |
|   | <b>SRNTC-100</b>    | 1                                | 1.19/30.2 | 0.56/14.2 | 1.63/41.4         | 36.00/16.33   |
|   | <b>SRNTC-125</b>    | 1-1/4                            | 1.25/31.8 | 0.63/16.0 | 2.00/50.8         | 50.00/22.68   |
|   | <b>SRNTC-150</b>    | 1-1/2                            | 1.63/41.4 | 0.63/16.0 | 2.25/57.2         | 74.00/33.57   |
|   | <b>SRNTC-200</b>    | 2                                | 1.63/41.4 | 0.63/16.0 | 2.75/69.9         | 98.00/44.45   |
|   | <b>SRNTC-250</b>    | 2-1/2                            | 2.19/55.6 | 1.00/25.4 | 3.38/85.9         | 215.00/97.52  |
|   | <b>SRNTC-300</b>    | 3                                | 2.25/57.2 | 1.00/25.4 | 4.00/101.6        | 250.00/113.40 |
|   | <b>SRNTC-350</b>    | 3-1/2                            | 2.69/68.3 | 1.00/25.4 | 4.50/114.3        | 375.00/170.10 |
|   | <b>SRNTC-400</b>    | 4                                | 2.94/74.7 | 1.00/25.4 | 5.00/127.0        | 438.00/198.67 |



COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

# Threadless Rigid Conduit and IMC Couplings and Connectors

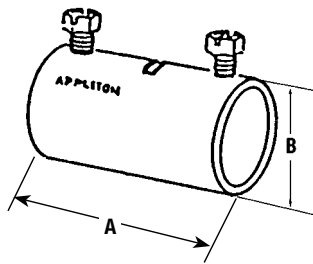
COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

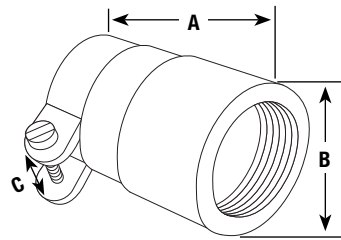
| Catalog Number                                     | Trade Size (Inches) | Cable (Inches) | Max. Diameter (Inches) | Dimensions in Inches/Millimeters |            |   | Weight Lbs./Kgs. Per 100 |
|--|---------------------|----------------|------------------------|----------------------------------|------------|---|--------------------------|
|  |                     |                |                        | A                                | B          | C |                          |
| <b>Set Screw Couplings — Concretetight — Steel</b> |                     |                |                        |                                  |            |   |                          |
| SNTCC-50   | 1/2                 | —              | —                      | 2.31/58.7                        | 1.13/28.7  | — | 31.00/14.06              |
| SNTCC-75   | 3/4                 | —              | —                      | 2.50/63.5                        | 1.31/33.3  | — | 37.00/16.78              |
| SNTCC-100  | 1                   | —              | —                      | 2.56/65.0                        | 1.63/41.4  | — | 50.00/22.68              |
| SNTCC-125  | 1-1/4               | —              | —                      | 2.81/71.4                        | 2.00/50.8  | — | 80.00/36.29              |
| SNTCC-150  | 1-1/2               | —              | —                      | 3.19/81.0                        | 2.25/57.2  | — | 100.00/45.36             |
| SNTCC-200  | 2                   | —              | —                      | 3.31/84.1                        | 2.75/69.9  | — | 136.00/61.69             |
| SNTCC-250  | 2-1/2               | —              | —                      | 4.19/106.4                       | 3.38/85.9  | — | 284.00/128.82            |
| SNTCC-300  | 3                   | —              | —                      | 4.44/112.8                       | 4.00/101.6 | — | 350.00/158.76            |
| SNTCC-350  | 3-1/2               | —              | —                      | 5.25/133.4                       | 4.50/114.3 | — | 475.00/215.46            |
| SNTCC-400  | 4                   | —              | —                      | 5.75/146.1                       | 5.00/127.0 | — | 582.00/264.00            |



|   |       |           |         |           |           |           |              |
|---|-------|-----------|---------|-----------|-----------|-----------|--------------|
| <b>Combination Armored Cable to Rigid Conduit Couplings — Malleable †</b> |       |           |         |           |           |           |              |
| RCC38-50  | 1/2   | 3/8BX     | —       | 1.56/39.6 | 1.13/28.7 | 0.69/17.5 | 18.00/8.16   |
| RCC-50  | 1/2   | 1/2Flex   | 15/16   | 1.75/44.5 | 1.16/29.5 | 0.94/23.9 | 23.00/10.43  |
| RCC-75  | 3/4   | 3/4Flex   | 1-1/8   | 1.81/46.0 | 1.38/35.1 | 1.06/26.9 | 26.00/11.79  |
| RCC-100   | 1     | 1Flex     | 1-13/32 | 1.94/49.3 | 1.94/49.3 | 1.31/33.3 | 53.00/24.04  |
| RCC-125   | 1-1/4 | 1-1/4Flex | 1-11/16 | 2.06/52.3 | 2.19/55.6 | 1.50/38.1 | 66.00/29.94  |
| RCC-150   | 1-1/2 | 1-1/2Flex | 2       | 2.81/71.4 | 2.63/66.8 | 1.63/41.4 | 110.00/49.90 |
| RCC-200   | 2     | 2Flex     | 2-15/32 | 3.00/76.2 | 3.03/77.0 | 1.88/47.8 | 163.00/73.94 |



SNTCC



RCC

† Not UL Listed or CSA Certified.