

# T-Series Vertical Transition Splice Kit



T-Series splice kits contain the following: Sleeve, filler material kit (filler material, packing, pouring basin ceramic insert and disk, pouring basin ceramic guide tube), pouring basin and pouring basin crucible. Splice kits are ordered based on the quantity of splices needed. Sleeves and filler material kits are one-time use parts. Pouring basins and crucibles are prorated based on their anticipated life. Ordering splice kits simplifies ordering, reduces order errors and helps ensure proper sizing of components. Kits can be ordered with longer (extended) sleeves for use when the reinforcing steel deformation pattern or spacing does not meet the minimum product specifications.

## FEATURES

Simplifies ordering

Used to splice different diameter bars

## SPECIFICATIONS

**Sleeve:** Standard Length

Table 1/2

| Catalog Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Length 1 (L1) | Length 2 (L2) | Height 1 (H1) |
|----------------|--------------------|----------------|--------------------|---------------|---------------|---------------|
| RBT67101       | 22 mm, 20 mm       | #7, #6         |                    | 356 mm        | 51 mm         | 654mm         |
| RBT710101      | 32 mm, 22 mm       | #10, #7        |                    | 362 mm        | 51 mm         | 660mm         |
| RBT78101       | 25 mm, 22 mm       | #8, #7         |                    | 356 mm        | 51 mm         | 654mm         |
| RBT79101       | 28 mm, 22 mm       | #9, #7         |                    | 362 mm        | 51 mm         | 654mm         |
| RBT810101      | 32 mm, 25 mm       | #10, #8        |                    | 362 mm        | 51 mm         | 660mm         |
| RBT89101       | 28 mm, 25 mm       | #9, #8         | 30M, 25M           | 362 mm        | 51 mm         | 654mm         |

| CatalogNumber | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Length 1 (L1) | Length 2 (L2) | Height 1 (H1) |
|---------------|--------------------|----------------|--------------------|---------------|---------------|---------------|
| RBT910101     | 32 mm, 28 mm       | #10, #9        |                    | 362 mm        | 51 mm         | 660mm         |
| RBT1011101    | 36 mm, 32 mm       | #11, #10       |                    | 375 mm        | 64 mm         | 713mm         |
| RBT1014101    | 43 mm, 32 mm       | #14, #10       |                    | 387 mm        | 64 mm         | 725mm         |
| RBT1114101    | 43 mm, 36 mm       | #14, #11       | 45M, 35M           | 387 mm        | 64 mm         | 725mm         |
| RBT1118101    | 57 mm, 36 mm       | #18, #11       | 55M, 35M           | 394 mm        | 64 mm         | 806mm         |
| RBT1418101    | 57 mm, 43 mm       | #18, #14       | 55M, 45M           | 394 mm        | 64 mm         | 780mm         |
| RBT711101     | 36 mm, 22 mm       | #11, #7        |                    | 375 mm        | 64 mm         | 686mm         |
| RBT811101     | 36 mm, 25 mm       | #11, #8        | 35M, 25M           | 375 mm        | 64 mm         | 686mm         |
| RBT911101     | 36 mm, 28 mm       | #11, #9        | 35M, 30M           | 375 mm        | 64 mm         | 713mm         |
| RBT914101     | 43 mm, 28 mm       | #14, #9        | 45M, 30M           | 387 mm        | 64 mm         | 725mm         |

Table 2/2

| Catalog Number | Height 2 (H2) | Height 3 (H3) | Height 4 (H4) | Diameter (Ø) |
|----------------|---------------|---------------|---------------|--------------|
| RBT67101       | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT710101      | 451mm         | 210mm         | 197mm         | 127 mm       |
| RBT78101       | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT79101       | 451mm         | 203mm         | 197mm         | 127 mm       |
| RBT810101      | 451mm         | 210mm         | 197mm         | 127 mm       |
| RBT89101       | 451mm         | 203mm         | 197mm         | 127 mm       |
| RBT910101      | 451mm         | 210mm         | 197mm         | 127 mm       |

| Catalog Number | Height 2 (H2) | Height 3 (H3) | Height 4 (H4) | Diameter (Ø) |
|----------------|---------------|---------------|---------------|--------------|
| RBT1011101     | 497mm         | 216mm         | 210mm         | 152 mm       |
| RBT1014101     | 497mm         | 229mm         | 222mm         | 152 mm       |
| RBT1114101     | 297mm         | 229mm         | 222mm         | 152 mm       |
| RBT1118101     | 552mm         | 254mm         | 216mm         | 178 mm       |
| RBT1418101     | 526mm         | 254mm         | 216mm         | 152 mm       |
| RBT711101      | 216mm         | 216mm         | 210mm         | 127 mm       |
| RBT811101      | 216mm         | 216mm         | 210mm         | 127 mm       |
| RBT911101      | 497mm         | 216mm         | 210mm         | 152 mm       |
| RBT914101      | 497mm         | 229mm         | 222mm         | 152 mm       |

## ADDITIONAL PRODUCT DETAILS

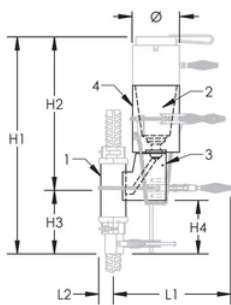
Prior to installation, please read and understand all of the detailed instructions and safety notices provided in the nVent LENTON Cadweld Rebar Splicing System instruction manual.

All dimensions are for reference only.

Components can also be purchased separately: (1) Sleeve, (2) Filler Material Kit (filler material, packing, pouring basin ceramic insert and disk, pouring basin ceramic guide tube), (3) Pouring Basin, and (4) Pouring Basin Crucible.

| Splice Kit Components |                 |                         |                                       |                                  |             |               |                        |
|-----------------------|-----------------|-------------------------|---------------------------------------|----------------------------------|-------------|---------------|------------------------|
| Splice Kit            | Filler Material | Packing (2 Required)    | Pouring Basin Ceramic Insert and Disk | Pouring Basin Ceramic Guide Tube | Sleeve      | Pouring Basin | Pouring Basin Crucible |
| RBT67101              | RBF55           | RBS35473.5<br>RBS35478  | RBS5037                               | RBS5038                          | RBT7101A    | RBWS1500A     | RBWS22774              |
| RBT78101              | RBF70           | RBS354710<br>RBS35475   | RBS5037                               | RBS5038                          | RBT8101A    | RBWS1500C     | RBWS22774              |
| RBT79101              | RBF90           | RBS35475<br>RBS35478    | RBS5037                               | RBS5038                          | RBT9101A    | RBWS1500D     | RBWS22775              |
| RBT89101              | RBF90           | RBS354711<br>RBS35475.5 | RBS5037                               | RBS5038                          | RBT9101A    | RBWS1500D     | RBWS22775              |
| RBT710101             | RBF105          | RBS354710<br>RBS35477   | RBS5037                               | RBS5038                          | RBT1091A    | RBWS1500E     | RBWS22775              |
| RBT810101             | RBF105          | RBS354710<br>RBS354712  | RBS5037                               | RBS5038                          | RBT1091A    | RBWS1500E     | RBWS22775              |
| RBT910101             | RBF105          | RBS354712<br>RBS35475.5 | RBS5037                               | RBS5038                          | RBT1091A    | RBWS1500E     | RBWS22775              |
| RBT711101             | RBF105          | RBS354714<br>RBS35477   | RBS5037                               | RBS5038                          | RBT11101A   | RBWS1499F     | RBWS22775              |
| RBT811101             | RBF105          | RBS354714<br>RBS35477   | RBS5037                               | RBS5038                          | RBT11101A   | RBWS1499F     | RBWS22775              |
| RBT911101             | RBF125          | RBS354714<br>RBS35476   | RBS5037                               | RBS5038                          | RBT11101A   | RBWS1499F     | RBWS22776              |
| RBT1011101            | RBF125          | RBS354712<br>RBS35476   | RBS5037                               | RBS5038                          | RBT11101A   | RBWS1499F     | RBWS22776              |
| RBT914101             | RBF150          | RBS354720<br>RBS35479   | RBS5037                               | RBS5039                          | RBT1114101A | RBWS1499G     | RBWS22776              |
| RBT1014101            | RBF125          | RBS354715<br>RBS35479   | RBS5037                               | RBS5039                          | RBT1114101A | RBWS1499G     | RBWS22776              |
| RBT1114101            | RBF125          | RBS354715<br>RBS35476   | RBS5037                               | RBS5039                          | RBT1114101A | RBWS1499G     | RBWS22776              |
| RBT1118101            | RBF240          | RBS354712<br>RBS354720  | RBS5037                               | RBS5039                          | RBT1418101A | RBWS1481K     | RBWS22777              |
| RBT1418101            | RBF195          | RBS354720<br>RBS35477   | RBS5037                               | RBS5039                          | RBT1418101A | RBWS1481K     | RBWS22776              |

## DIAGRAMS



**WARNING**

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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