

# T-Series Vertical 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 the same diameter bars

Available with extended sleeve lengths

## SPECIFICATIONS

Table 1/2

| Catalog Number | Sleeve          | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Length 1 (L1) | Length 2 (L2) |
|----------------|-----------------|--------------------|----------------|--------------------|---------------|---------------|
| RBT1091        | Standard Length | 32 mm              | #10            |                    | 362 mm        | 51 mm         |
| RBT10911       | Extended Length | 32 mm              | #10            |                    | 362 mm        | 51 mm         |
| RBT4101        | Standard Length | 12 mm              | #4             | 10M                | 349 mm        | 51 mm         |
| RBT5101        | Standard Length | 16 mm              | #5             | 15M                | 349 mm        | 51 mm         |
| RBT6101        | Standard Length | 20 mm              | #6             | 20M                | 349 mm        | 51 mm         |
| RBT7101        | Standard Length | 22 mm              | #7             |                    | 356 mm        | 51 mm         |

| CatalogNumber | Sleeve          | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Length 1 (L1) | Length 2 (L2) |
|---------------|-----------------|--------------------|----------------|--------------------|---------------|---------------|
| RBT8101       | Standard Length | 25 mm              | #8             | 25M                | 356 mm        | 51 mm         |
| RBT9101       | Standard Length | 28 mm              | #9             | 30M                | 362 mm        | 51 mm         |
| RBT91011      | Extended Length | 28 mm              | #9             | 30M                | 362 mm        | 51 mm         |
| RBT91012      | Extended Length | 28 mm              | #9             | 30M                | 362 mm        | 51 mm         |
| RBT11101      | Standard Length | 36 mm              | #11            | 35M                | 375 mm        | 64 mm         |
| RBT111011     | Extended Length | 36 mm              | #11            | 35M                | 375 mm        | 64 mm         |
| RBT14101      | Standard Length | 43 mm              | #14            | 45M                | 387 mm        | 64 mm         |
| RBT1891       | Standard Length | 57 mm              | #18            | 55M                | 406 mm        | 64 mm         |

| Table 2/2      |               |               |               |               |              |
|----------------|---------------|---------------|---------------|---------------|--------------|
| Catalog Number | Height 1 (H1) | Height 2 (H2) | Height 3 (H3) | Height 4 (H4) | Diameter (Ø) |
| RBT1091        | 660mm         | 451mm         | 210mm         | 197mm         | 127 mm       |
| RBT10911       | 660mm         | 451mm         | 222mm         | 210mm         | 127 mm       |
| RBT4101        | 641mm         | 451mm         | 191mm         | 197mm         | 102 mm       |
| RBT5101        | 641mm         | 451mm         | 191mm         | 197mm         | 102 mm       |
| RBT6101        | 654mm         | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT7101        | 654mm         | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT8101        | 654mm         | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT9101        | 654mm         | 451mm         | 203mm         | 197mm         | 102 mm       |
| RBT91011       | 654mm         | 451mm         | 216mm         | 210mm         | 127 mm       |

| Catalog Number | Height 1 (H1) | Height 2 (H2) | Height 3 (H3) | Height 4 (H4) | Diameter (Ø) |
|----------------|---------------|---------------|---------------|---------------|--------------|
| RBT91012       | 654mm         | 451mm         | 229mm         | 222mm         | 127 mm       |
| RBT11101       | 686mm         | 216mm         | 216mm         | 210mm         | 127 mm       |
| RBT111011      | 686mm         | 216mm         | 229mm         | 222mm         | 152 mm       |
| RBT14101       | 775mm         | 546mm         | 229mm         | 222mm         | 152 mm       |
| RBT1891        | 838mm         | 584mm         | 254mm         | 216mm         | 178 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 |
| RBT4101               | RBF40           | RBS354710<br>RBS35475   | RBS5037                               | RBS5038                          | RBT5101A   | RBWS1500U     | RBWS22774              |
| RBT5101               | RBF40           | RBS354710<br>RBS35475   | RBS5037                               | RBS5038                          | RBT5101A   | RBWS1500U     | RBWS22774              |
| RBT6101               | RBF50           | RBS35473.5<br>RBS35477  | RBS5037                               | RBS5038                          | RBT6101A   | RBWS1500X     | RBWS22774              |
| RBT7101               | RBF50           | RBS35474<br>RBS35478    | RBS5037                               | RBS5038                          | RBT7101A   | RBWS1500A     | RBWS22774              |
| RBT8101               | RBF55           | RBS354710<br>RBS35475   | RBS5037                               | RBS5038                          | RBT8101A   | RBWS1500C     | RBWS22774              |
| RBT9101               | RBF80           | RBS354711<br>RBS35475.5 | RBS5037                               | RBS5038                          | RBT9101A   | RBWS1500D     | RBWS22774              |
| RBT91011              | RBF90           | RBS354711<br>RBS35475.5 | RBS5037                               | RBS5038                          | RBT91011A  | RBWS1499D     | RBWS22775              |
| RBT91012              | RBF105          | RBS354711<br>RBS35475.5 | RBS5037                               | RBS5038                          | RBT91012A  | RBWS1500D     | RBWS22775              |
| RBT1091               | RBF90           | RBS354712<br>RBS35476   | RBS5037                               | RBS5038                          | RBT1091A   | RBWS1500E     | RBWS22775              |
| RBT10911              | RBF105          | RBS354712<br>RBS35476   | RBS5037                               | RBS5038                          | RBT10911A  | RBWS1500E     | RBWS22775              |
| RBT11101              | RBF105          | RBS354712<br>RBS35476   | RBS5037                               | RBS5038                          | RBT11101A  | RBWS1499F     | RBWS22775              |
| RBT111011             | RBF125          | RBS354712<br>RBS35476   | RBS5037                               | RBS5038                          | RBT111011A | RBWS1481F     | RBWS22776              |
| RBT14101              | RBF195          | RBS354715<br>RBS35477   | RBS5037                               | RBS5039                          | RBT14101A  | RBWS1481J     | RBWS22776              |
| RBT1891               | RBF270          | RBS354720<br>RBS35479   | RBS5037                               | RBS5039                          | RBT1891A   | RBWS1482M     | RBWS22777              |

## 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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