

# B-Series Horizontal Sleeve, Top Fill



The top fill horizontal B-Series sleeve is designed to be welded perpendicularly to common grades of structural plates and shapes. Typical applications include welding to base plates, anchor plates and for tying together structural steel members.

Vent holes are added to horizontal sleeves to reduce air entrapment and help ensure proper filling of the sleeve.

## FEATURES

Designed to connect horizontal reinforcing bars and angular reinforcing bars up to 45 degrees

Machined from weldable grades of steel

Works with saw cut, flame cut and sheared bars

Can be visually inspected after installation

Available with extended sleeve lengths

## SPECIFICATIONS

Table 1/3

| Catalog Number | Material | Finish | 100% U.S. Domestic Content | Sleeve          | Rebar Size, Metric | Rebar Size, US |
|----------------|----------|--------|----------------------------|-----------------|--------------------|----------------|
| RBB14101JAPB   | Steel    | Plain  | Yes                        | Standard Length | 43 mm              | #14            |

Table 2/3

| Catalog Number | Rebar Size, Canada | Diameter 1 (Ø1) | Diameter 2 (Ø2) | Length 1 (L1) | Length 2 (L2) | Length 3 (L3) |
|----------------|--------------------|-----------------|-----------------|---------------|---------------|---------------|
| RBB14101JAPB   | 45M                | 76 mm           | 54 mm           | 152 mm        | 64 mm         | 26mm          |

Table 3/3

| Catalog Number | Unit Weight |
|----------------|-------------|
|----------------|-------------|

RBB14101JAPB

2.72 kg

**Designed to** AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified  
**Meet:** Tensile);ACI 349;ACI 359;AS3600

## 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.

Sizes not shown may be available by special order. Contact your nVent LENTON representative for more information.

## 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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