



# BAR JOIST ATTACHMENT



## CERTIFICATIONS



## FEATURES

- Can be installed on bar joists or I-beams
- Thumb spring retainer allows for ease of positioning
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- No assembly required
- No loose parts
- Meets NFPA®-13 requirements for seismic sway bracing
- Meets CEN/TS 17551:2021 requirements for Seismic Sway Bracing

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material  | Finish            | Flange Thickness (FT) | Screw Diameter (Sc) | A       |
|----------------|----------------|-----------|-------------------|-----------------------|---------------------|---------|
| CSBBARJEG      | 404354         | Cast Iron | Electrogalvanized | 6.4 - 12.7 mm         | 0.5                 | 50.8 mm |

Table 2/2

| Catalog Number | Article Number | B       | C       |
|----------------|----------------|---------|---------|
| CSBBARJEG      | 404354         | 76.2 mm | 63.5 mm |

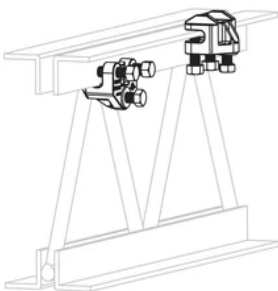
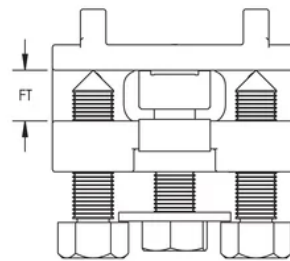
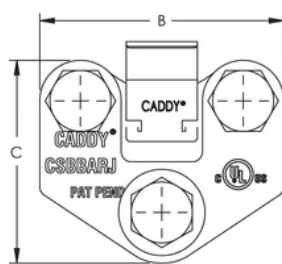
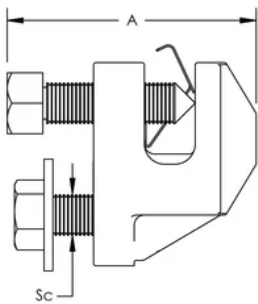
## ADDITIONAL PRODUCT DETAILS

Structure Attachment and Brace Member are not included.

| UL Loads    |                              |                  |                         |             |
|-------------|------------------------------|------------------|-------------------------|-------------|
| Part Number | Structure Attachment Fitting | Flange Thickness | Brace Member            | Load Rating |
| CSBBARJ     | CSBUNIV050                   | 6 - 13 mm        | DN25 - DN50 Sch. 40 NPS | 4004 N      |
|             | CSBURC12                     | 6 - 13 mm        | CSB12CBL                | 1859 N      |
|             |                              |                  | CSB18CBL                | 3434 N      |
|             |                              |                  | CSB36CBL                | 4893 N      |

| FM Loads        |                   |                                                         |           |           |           |
|-----------------|-------------------|---------------------------------------------------------|-----------|-----------|-----------|
| Brace Direction | Service Pipe Size | Horizontal Capacity per Intallation Angle from Vertical |           |           |           |
|                 |                   | 30° - 44°                                               | 45° - 59° | 60° - 74° | 75° - 90° |
| Parallel        | N/A               | 6270 N                                                  | 9385 N    | 11300 N   | 12590 N   |
| Perpendicular   | N/A               | 7740 N                                                  | 7605 N    | 9165 N    | 10230 N   |

## 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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