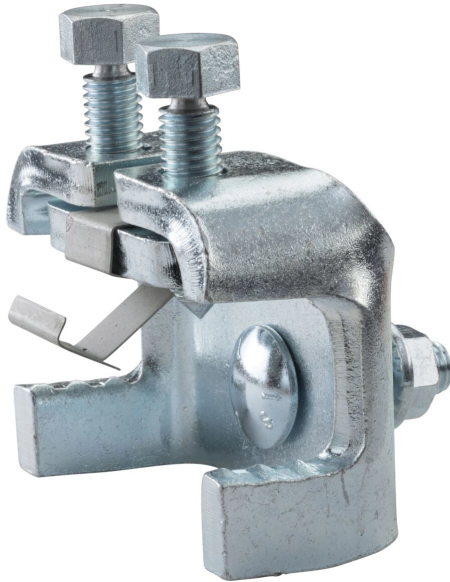


# Steel Flange Adapter



This code-compliant Structural Attachment is part of the nVent CADDY line of innovative rigid bracing system, designed to provide superior performance and meet the highest seismic load requirements. Its innovative design allows quick and easy installation onto both top or bottom flange of a wide range of steel I-Beams. Its snap-off bolts make inspection of seismic sway braces simple.

## FEATURES

- Installs on top or bottom flange of I-beams or bar joists
- Low profile easily fits between metal deck and steel structure
- Thumb spring retainer allows for ease of positioning
- Available pre-assembled to the Universal Structural Bracket, eliminating field assembly
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Meets NFPA® 13 as pre-qualified for seismic applications
- FM® Specification Tested

**Material:** Steel



## SPECIFICATIONS

| Catalog Number | Finish             | Flange Thickness (FT) | A     | B     | C     | D     | Certifications       |
|----------------|--------------------|-----------------------|-------|-------|-------|-------|----------------------|
| CSBS1HDN       | Hot-Dip Galvanized | 6 - 19 mm             | 21 mm | 23 mm | 92 mm | 67 mm | FM Approved, Seismic |

| Catalog Number | Finish             | Flange Thickness (FT) | A     | B     | C     | D     | Certifications                                                        |
|----------------|--------------------|-----------------------|-------|-------|-------|-------|-----------------------------------------------------------------------|
| CSBS1N         | Electrogalvanized  | 6 - 19 mm             | 21 mm | 23 mm | 92 mm | 67 mm | AON Fire Protection, Seismic Bracing Components, FM Approved, Seismic |
| CSBS2HDN       | Hot-Dip Galvanized | 19 - 31 mm            | 23 mm | 23 mm | 92 mm | 79 mm | FM Approved, Seismic                                                  |
| CSBS2N         | Electrogalvanized  | 19 - 31 mm            | 23 mm | 23 mm | 92 mm | 79 mm | AON Fire Protection, Seismic Bracing Components, FM Approved, Seismic |

## ADDITIONAL PRODUCT DETAILS

Structure Attachment and Brace Member are not included.

| UL Loads    |                              |                  |                         |             |
|-------------|------------------------------|------------------|-------------------------|-------------|
| Part Number | Structure Attachment Fitting | Flange Thickness | Brace Member            | Load Rating |
| CSBS1xxx    | CSBU1xxx                     | 6 - 8 mm         | DN25 - DN50 Sch. 40 NPS | 6672 N      |
|             |                              | 8 - 19 mm        |                         | 7561 N      |
|             | CSBURC12                     | 6 - 19 mm        | CSB12CBL                | 1859 N      |
|             |                              |                  | CSB18CBL                | 3434 N      |
|             |                              |                  | CSB36CBL                | 4893 N      |
| CSBS2xxx    | CSBU1xxx                     | 19 - 31 mm       | DN25 - DN50 Sch. 40 NPS | 7561 N      |
|             | CSBURC12                     | 19 - 31 mm       | CSB12CBL                | 1859 N      |
|             |                              |                  | CSB18CBL                | 3434 N      |
|             |                              |                  | CSB36CBL                | 4893 N      |

| FM Loads    |                                                          |           |           |           |                       |           |           |           |
|-------------|----------------------------------------------------------|-----------|-----------|-----------|-----------------------|-----------|-----------|-----------|
| Part Number | Horizontal Capacity per Installation Angle from Vertical |           |           |           |                       |           |           |           |
|             | Perpendicular to Structure                               |           |           |           | Parallel to Structure |           |           |           |
|             | 30° - 44°                                                | 45° - 59° | 60° - 74° | 75° - 90° | 30° - 44°             | 45° - 59° | 60° - 74° | 75° - 90° |
| CSBS1xxx    | 3780 N                                                   | 7910 N    | 12320 N   | 12630 N   | 3910 N                | 6360 N    | 8980 N    | 10720 N   |
| CSBS2xxx    | 5420 N                                                   | 9510 N    | 11470 N   | 12760 N   | 4890 N                | 8090 N    | 9740 N    | 11920 N   |



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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