

# Adjustable I-Beam Adapter, 19–32mm Flange, 100–455mm Beam, Hot-Dip Galvanized

## CATALOG NUMBER

### CSBS5HDN



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 a wide range of steel I-Beams. It is ready to use out of the box, eliminating the need for pre-assembly or loose hardware and its snap-off bolts make inspection of seismic sway braces simple.

## FEATURES

No loose parts

No assembly required

Snap-off bolt head helps enable easy installation and inspection of seismic sway braces

Meets NFPA®-13 requirements for seismic sway bracing

FM® Specification Tested



## PRODUCT ATTRIBUTES

Material: Steel

Finish: Hot-Dip Galvanized

Flange Thickness (FT): 19 - 31 mm

A: 100 - 455 mm

Rod Size 1 (RS1): 3/8"

Rod Size 2 (RS2): 1/2"

Height (H): 79 mm

Width (W): 92 mm

ADDITIONAL PRODUCT DETAILS

Structure Attachment and Brace Member are not included.

| 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° |
| CSBS3xxx    | 5240 N                                                   | 9830 N   | 12580 N  | 13070 N  | 3640 N                | 6130 N   | 9250 N   | 13380 N  |
| CSBS4xxx    | 5240 N                                                   | 9830 N   | 12580 N  | 13070 N  | 3640 N                | 6130 N   | 9250 N   | 13380 N  |
| CSBS5xxx    | 5420 N                                                   | 9510 N   | 11470 N  | 12760 N  | 4890 N                | 8090 N   | 9740 N   | 11920 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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