

# Adjustable I-Beam Adapter

## Data Solutions



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.

### CERTIFICATIONS



### 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

### SPECIFICATIONS

**Material:** Steel

Table 1/2

Catalog Number	Finish	Flange Thickness (FT)	A	Rod Size 1 (RS1)	Rod Size 2 (RS2)	Height (H)
CSBS3HDN	Hot-Dip Galvanized	6 – 19mm	100 – 215mm	3/8" in	1/2" in	67mm
CSBS4N	Electro galvanized	6 – 19mm	100 – 365mm	3/8" in	1/2" in	67mm

Catalog Number	Finish	Flange Thickness (FT)	A	Rod Size 1 (RS1)	Rod Size 2 (RS2)	Height (H)
CSBS4HDN	Hot-Dip Galvanized	6 – 19mm	100 – 365mm	3/8" in	1/2" in	67mm
CSBS3N	Electrogalvanized	6 – 19mm	100 – 215mm	3/8" in	1/2" in	67mm
CSBS5HDN	Hot-Dip Galvanized	19 – 31mm	100 – 455mm	3/8" in	1/2" in	79mm
CSBS5N	Electrogalvanized	19 – 31mm	100 – 455mm	3/8" in	1/2" in	79mm

Table 2/2

Catalog Number	Width (W)	Certifications
CSBS3HDN	92mm	FM Approved, Seismic
CSBS4N	92mm	AON Fire Protection, Seismic Bracing Components, FM Approved, Seismic
CSBS4HDN	92mm	FM Approved, Seismic
CSBS3N	92mm	FM Approved, Seismic, AON Fire Protection, Seismic Bracing Components
CSBS5HDN	92mm	FM Approved, Seismic
CSBS5N	92mm	FM Approved, Seismic, AON Fire Protection, Seismic Bracing Components

## ADDITIONAL PRODUCT DETAILS

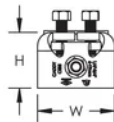
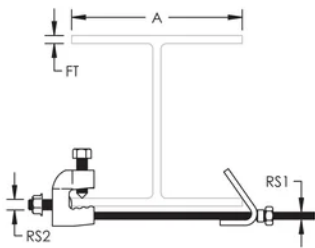
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Structure Attachment and Brace Member are not included.

UL Loads				
Part Number	Structure Attachment Fitting	Flange Thickness	Brace Member	Load Rating
CSBS3xxx	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
	CSBS4xxx	CSBU1xxx	6 - 8 mm	DN25 - DN50 Sch. 40 NPS
8 - 19 mm			7561 N	
CSBURC12		6 - 19 mm	CSB12CBL	1859 N
			CSB18CBL	3434 N
			CSB36CBL	4893 N
CSBS5xxx		CSBU1xxx	6 - 19 mm	DN25 - DN50 Sch. 40 NPS
	CSBURC12	6 - 19 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°
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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