

# **Steel Flange 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 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

### **SPECIFICATIONS**

Material: Steel

Table 1/1							
Catalog Number	Finish	Flange Thickness (FT)	A	В	С	D	
CSBS1HDN	Hot-Dip Galvanized	6 – 19mm	21mm	23mm	92mm	67mm	
CSBS1N	Electrogalvaniz ed	6 – 19mm	21mm	23mm	92mm	67mm	

CatalogNumber	Finish	Flange Thickness (FT)	A	В	С	D
CSBS2HDN	Hot-Dip Galvanized	19 – 31mm	23mm	23mm	92mm	79mm
CSBS2N	Electrogalvaniz ed	19 – 31mm	23mm	23mm	92mm	79mm

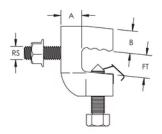
# ADDITIONAL PRODUCT DETAILS

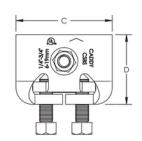
Structure Attachment and Brace Member are not included.

UL Loads						
Part Number	Structure Attachment Fitting	Flange Thickness	Brace Member	Load Rating		
	CSBU1xxx	6 - 8 mm	DNOE DNEO COL 40 NDC	6672 N		
	CSBUTXXX	8 - 19 mm	DIN23 - DIN30 SCII. 40 NP3	0N50 Sch. 40 NPS  6672 N  7561 N  BL  1859 N  BL  3434 N  BL  4893 N  DN50 Sch. 40 NPS  7561 N		
CSBS1xxx			CSB12CBL	1859 N		
	CSBURC12	6 - 19 mm	CSB18CBL	3434 N		
			CSB36CBL	4893 N		
CSBS2xxx	CSBU1xxx	19 - 31 mm	DN25 - DN50 Sch. 40 NPS	7561 N		
			CSB12CBL	1859 N		
	CSBURC12	19- 31 mm	CSB18CBL	3434 N		
			CSB36CBL	4893 N		

FM Loads									
Part Number	Horizontal Ca	Horizontal Capacity per Installation Angle from Vertical							
	Perpendicula	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	

## **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 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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