

# Universal Structural Bracket



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 versatile design allows quick and easy installation directly to concrete, wood, bar joist or I-beam adapters and is compatible with 1" through 2" brace pipes. Its snap-off bolt makes inspection of seismic sway braces simple.

## CERTIFICATIONS



## FEATURES

Universal design allows one product to attach directly to concrete, wood, bar joist or I-beam adapters

Integrated angle gauge easily displays brace member angle of installation

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

Works with 1" through 2" (25,4mm through 50,8mm) brace pipes to reduce inventory

Low profile minimizes prying effect on concrete fasteners

Meets NFPA® 13 as pre-qualified for seismic applications

FM Approved with the following brace members: Type A Solid Strut (12 gauge or thicker) and 1-2 in Sch40/EN 10255H Pipe

FM Specification Tested with the following brace members: Type A Solid Strut (12 gauge or thicker), 1-2 in Sch40/EN 10255H Pipe, 1 in EMT Conduit, and 1 in Rigid Conduit

## SPECIFICATIONS

**Finish:** Electrogalvanized

**Material:** Steel

Table 1/2

Catalog Number	Article Number	Hole Size (HS)	Width (W)	Thickness (T)	A	B
CSBU2	404501	21 mm	49 mm	5 mm	52 mm	33 mm
CSBU1	404500	14.3 mm	49 mm	5 mm	52 mm	33 mm
CSBU58	404404	17 mm	49 mm	5 mm	52 mm	33 mm

Table 2/2

Catalog Number	Article Number	C	D	E	UL Listed Load	Certifications
CSBU2	404501	35 mm	32 mm	44 mm	8896N	UL, OSHPD/HCAI, FM Approved, Seismic, AON Fire Protection, Seismic Bracing Components, cUL
CSBU1	404500	35 mm	32 mm	44 mm	8896N	cUL, UL, OSHPD/HCAI, AON Fire Protection, Seismic Bracing Components, FM Approved, Seismic
CSBU58	404404	35 mm	32 mm	44 mm	8896N	FM Approved, Seismic, AON Fire Protection, Seismic Bracing Components

## FM Loads

Part Number	Horizontal Capacity per Installation Angle from Vertical			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBU1xxx	7510 N	9830 N	11830 N	13740 N
CSBU2xxx	6580 N	10180 N	12720 N	13740 N
CSBU58xxx	6580 N	9830 N	11830 N	13740 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.

### North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

### Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

### Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

### APAC

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



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