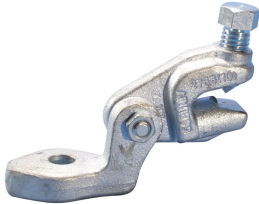


# Universal Structural Attachment



## CERTIFICATIONS



Korea Fire Institute



## FEATURES

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

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

Use for both lateral and longitudinal sway brace applications

Works with 1" through 2" brace pipes and 1/4" angle iron braces to reduce inventory

Center bolt does not require tightening

Meets NFPA®-13 requirements for seismic sway bracing

Meets CEN/TS 17551:2021 requirements for Seismic Sway Bracing

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material  | Finish            | Hole Size (HS) | A        | B        |
|----------------|----------------|-----------|-------------------|----------------|----------|----------|
| CSBUNIV050EG   | 404407         | Cast Iron | Electrogalvanized | 14 mm          | 133.4 mm | 101.6 mm |

| CatalogNumber | Article Number | Material  | Finish                | Hole Size (HS) | A        | B        |
|---------------|----------------|-----------|-----------------------|----------------|----------|----------|
| CSBUNIV075EG  | 404409         | Cast Iron | Electrogalvaniz<br>ed | 21 mm          | 133.4 mm | 101.6 mm |

Table 2/2

| Catalog Number | Article Number | C       | Certifications                                                                                                     |
|----------------|----------------|---------|--------------------------------------------------------------------------------------------------------------------|
| CSBUNIV050EG   | 404407         | 41.4 mm | FM Approved, Seismic, UL, Korea Fire Institute, Rigid Seismic, KOR, OSHPD, cUL, AON Fire Protection, Rigid Seismic |
| CSBUNIV075EG   | 404409         | 41.4 mm | OSHPD, cUL, AON Fire Protection, Rigid Seismic, FM Approved, Seismic, UL                                           |

| UL Loads     |                        |        |
|--------------|------------------------|--------|
| Part number  | Brace Member           | Rating |
| CSBUNIV050EG | 25 mm - 50 mm EN10255H | 6094 N |
| CSBUNIV075EG | 25 mm - 50 mm EN10255H | 8896 N |

| FM Loads   |                   |                                                          |           |           |           |
|------------|-------------------|----------------------------------------------------------|-----------|-----------|-----------|
| Brace Type | Service Pipe Size | Horizontal Capacity per Installation Angle from Vertical |           |           |           |
|            |                   | 30° - 44°                                                | 45° - 59° | 60° - 74° | 75° - 90° |
| Pipe       | N/A               | 7,205 N                                                  | 10,230 N  | 12,545 N  | 13,965 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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