

# Universal Structural Bracket, Strut Brace

## Data Solutions



### CERTIFICATIONS



### FEATURES

Used for installations where strut brace is perpendicular to structure

One wrench size fits all required hardware, eliminating the need to change tools

Shear-off head helps ensure correct torque and simplifies inspection

### SPECIFICATIONS

**Finish:** Electrogalvanized

**Material:** Steel

Table 1/2

| Catalog Number | Article Number | Hole Size (HS) | Width (W) | Thickness (T) | A       | B      |
|----------------|----------------|----------------|-----------|---------------|---------|--------|
| CSBUS1         | 404568         | 14.3mm         | 40.6mm    | 6.4mm         | 133.4mm | 12.7mm |

| CatalogNumber | Article Number | Hole Size (HS) | Width (W) | Thickness (T) | A       | B      |
|---------------|----------------|----------------|-----------|---------------|---------|--------|
| CSBUS2        | 404569         | 20.6mm         | 40.6mm    | 6.4mm         | 133.4mm | 12.7mm |

Table 2/2

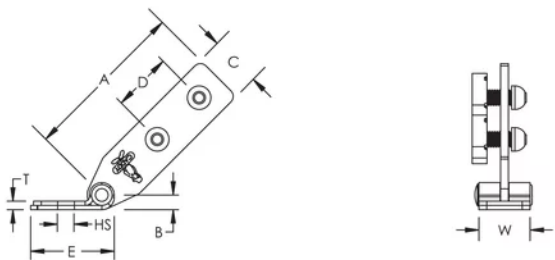
| Catalog Number | Article Number | C      | D      | E    |
|----------------|----------------|--------|--------|------|
| CSBUS1         | 404568         | 40.6mm | 50.8mm | 66mm |
| CSBUS2         | 404569         | 40.6mm | 50.8mm | 66mm |

## ADDITIONAL PRODUCT DETAILS

Cut length for strut member is +/- 1" (25 mm) of measured length.

| FM Loads    |                       |                                                          |           |           |           |
|-------------|-----------------------|----------------------------------------------------------|-----------|-----------|-----------|
| Part Number | Brace Member          | Horizontal Capacity per Installation Angle from Vertical |           |           |           |
|             |                       | 30° - 44°                                                | 45° - 59° | 60° - 74° | 75° - 90° |
| CSBUS1      | 41 x 41 Strut Channel | 8940 N                                                   | 12630 N   | 15210 N   | 16940 N   |
| CSBUS2      | 41 x 41 Strut Channel | 8940 N                                                   | 12630 N   | 15210 N   | 16940 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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