



*Products meet NFPA requirements for seismic applications!*



## Features

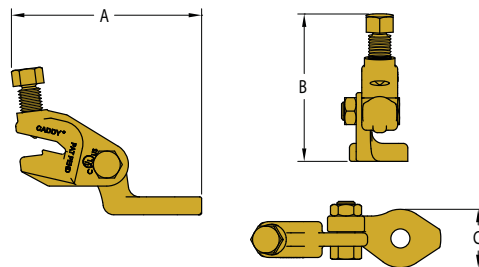
- Innovative design simplifies installation to save time and money
- Universal design: one product can be attached to concrete, bar joists, I-Beams and respective adaptors
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces and eliminates torque wrench use
- Works with 1" and 1-1/4" brace pipes to help reduce inventory
- For use in lateral and longitudinal sway bracing applications with 1" - 2" SCH 40 brace pipe
- Standard electro-galvanized finish provides superior corrosion protection
- Hot-dipped galvanized finish is also available as special order



**Step 1:** Mount Universal Structural Attachment to chosen structural attachment (concrete, Bar Joist Adaptor, I-Beam Adaptor or other structural element).



**Step 2:** Insert brace pipe and tighten shear bolt until head snaps off.



- UL Listed load up to 3,000 lbs-force (13,345 N) for 10" (250 mm) water-filled pipe
- Meets NFPA®-13 requirements for seismic sway bracing
- FM Approved for design loads up to 3,900 lbs (17,348 N)

Part Number	Description	UL Listed Load lbs (N)	FM Approved Design Load lbs (N)	A in (mm)	B in (mm)	C in (mm)
CSBUNIV050EG	1/2" (12.7 mm) Mounting Hole, EG	3,000* (13,345)	3,900 (17,348)	2-1/2 (63.5)	3 (76.2)	2-3/8 (60.3)
CSBUNIV075EG	3/4" (19.1 mm) Mounting Hole, EG	3,000* (13,345)	3,900 (17,348)	2-1/2 (63.5)	3 (76.2)	2-3/8 (60.3)

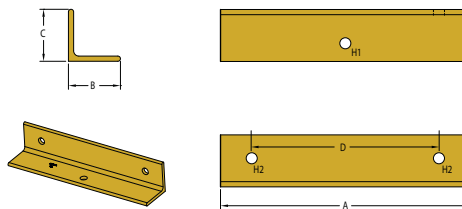
\* When using angle iron instead of brace pipe load ratings reduced to 2,015 lbs (8,963 N)



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## Features

- Allows for easy attachment to the structure
- Provides multiple attachment points for optimal flexibility; minimizes the number of installed braces needed for concrete structures
- Ideal for deck installations
- For use in lateral and longitudinal sway bracing applications
- Standard electro-galvanized finish provides superior corrosion protection
- Hot-dipped galvanized finish is also available as special order



- UL Listed load up to 3,740 lbs-force (16,636 N) for 12" (305 mm) water-filled pipe
- Meets NFPA®-13 requirements for seismic sway bracing

Part Number	Description	UL Listed Load lbs (N)	H1 - Mounting Hole in (mm)	H2 Mounting Holes for Attachment to Structure in (mm)	A in (mm)	B in (mm)	C in (mm)	D in (mm)
CSBMA050050EG	1/2" (12.7 mm) Mounting Hole to structure, EG	3,740 (16,636)	1/2 (12.7)	1/2 (12.7)	12 (304.8)	2-1/2 (63.5)	2-1/2 (63.5)	9 (228.6)
CSBMA050075EG	3/4" (19.1 mm) Mounting Hole to structure, EG	3,740 (16,636)	1/2 (12.7)	3/4 (19.1)	12 (304.8)	2-1/2 (63.5)	2-1/2 (63.5)	9 (228.6)



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WARNING – ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

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