

SEISMIC BRACING



MULTI-FASTENER ADAPTER

FIG. 025

Function: Designed for bracing pipe against sway and seismic disturbances. Sway brace adapter used to develop a greater structural connection by providing multiple fastener attachment points. Adapter allows for 2 or 3 NFPA 13 approved fasteners to be used when one fastener is too weak to anchor a sway brace assembly to a structure. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.

Size: 1/2" or 3/4" mounting holes. Braces up to 8" Pipe MAX

Material: Carbon steel, 2 1/2" X 2 1/2" X 5/16" angle

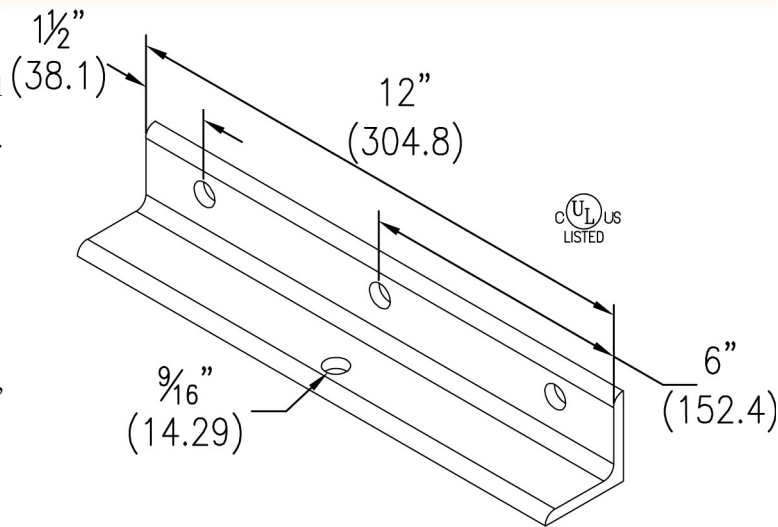
Finish: Electro-galvanized

Install: Attach to the structural surface as noted in NFPA13 fastener tables. Please note that the two outermost bolt holes must be used and the middle bolt hole should be used only in conjunction with both outermost bolt holes to ensure concentric loading. Attach a PHD Manufacturing structural attachment fitting to PHD Fig. 025 and follow the instructions provided with said fitting. The PHD structural attachment fitting can pivot around the mounting connection for adjustment to the desired brace angle. Please note that the maximum load will be limited by the PHD Manufacturing structural attachment utilized with this adapter.

Approvals: Underwriters Laboratories listed for US and Canada. Listed for use with NFPA fastener tables and PHD sway brace components only.

Ordering: Specify figure number and fastener size.

NOTE: All connecting fasteners are sold separately.



UL Maximum Design Load (8" Pipe Max)				
Fastener Size	lbs.	kN	Wt. Each	
			lbs.	kg
1/2	1370	(6.09)	4.55	(2.06)
3/4	1370	(6.09)	4.55	(2.06)

UL's current Listings, shown above, are predicated on installation in accordance with the latest edition of NFPA 13. The 2016 and earlier editions of NFPA 13 referenced a minimum safety of 1.5 for the load rating as compared to 2.2 for the current edition.

The load ratings noted in table below, Previously Listed Loads, are consistent with the historical cULus Listings that were evaluated to the requirements of UL 203A, Outline of Investigation for Sway Brace Devices for Fire Sprinkler System Piping, based upon a minimum safety factor of 1.5 in accordance with the earlier editions of NFPA 13. The load ratings based upon the 2016 or earlier editions of NFPA 13 should only be used where approved by the Authority Having Jurisdiction (AHJ).

Previously Listed UL Loads (8" Pipe Max)				
Fastener Size	lbs.	kN	Wt. Each	
			lbs.	kg
1/2	*2015	*(8.96)	4.55	(2.06)
3/4	*2015	*(8.96)	4.55	(2.06)

*Load ratings are based on a minimum safety factor of 1.5 in accordance with NFPA 13-2016 Section A.9.3.5.2.3.

THREADED ACCESSORIES
CPVC STRAPS
BAND HANGERS
BEAM CLAMPS
CLEVIS HANGERS
PIPE ROLLER SUPPORTS
SPLIT RING HANGERS
PIPE CLAMPS
CENTER LOAD BEAM CLAMPS
PIPE SHIELDS, INSULATION, & SADDLES
PIPE GUIDES & SLIDES
WALL BRACKETS
PIPE SUPPORTS
STRUCTURAL ATTACHMENTS
SEISMIC BRACING

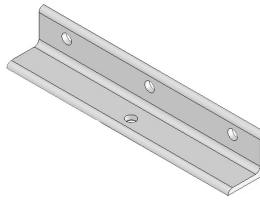


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FIG. 025 SWAY BRACE MULTI-FASTENER ADAPTER

- Bolt Hole Size:** 1/2" Or 3/4"
Pipe Braced: 8" Max (Maximum load of 1370 lbs.)
Please note that the maximum load will be limited by the PHD Manufacturing structural attachment utilized with this adapter Sway brace adapter designed to provide greater load capacities by providing multiple fastener attachments. The required type, number and size of fasteners used for the sway brace adapter shall be in accordance with NFPA 13. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.
- Function:**
- Approvals:** Underwriters Laboratories listed for US and Canada
Material: Low Carbon Steel
- Installation:** Attach Fig. 025 to mounting surface using appropriate fasteners. Please note that the two outermost bolt holes must be used and the middle bolt hole should be used only in conjunction with both outermost bolt holes to ensure concentric loading. Then attach a PHD structural attachment fitting to Fig. 025 and follow the instructions provided with said fitting. For use in both lateral and longitudinal brace assembly.



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