

data sheet



SEISMIC SWAY STRUCTURAL ATTACHMENTS

ARGCO ITEM# 2530636

FUNCTION: Sway brace adapter used to attach a sway brace assembly to a steel structural member of 3/8" minimum and 1 1/4" maximum thickness. To provide a point of connection when drilling or welding is not allowed or not practical. Sway brace assemblies are intended to be installed in accordance with NFPA13 and the manufacturer's installation instructions.

SIZE: Braces up to 8" Pipe MAX
Attaches to 3/8" MINIMUM and 1 1/4" MAX thick structural members. When attaching to a structure less than 3/8" thick, please see item [#2550635](#)

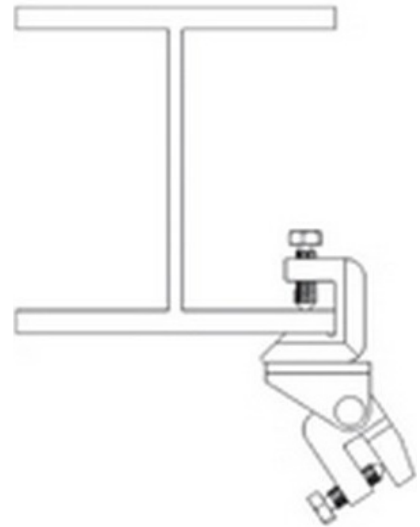
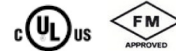
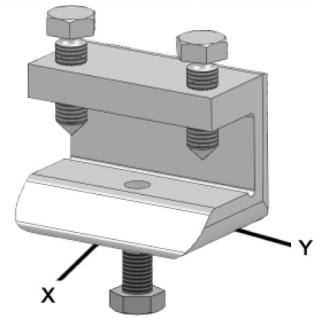
FINISH: Electro-galvanized

MATERIAL: Ductile Iron

INSTALL: Place on structural member with the flange contacting the back of the jaw. Tighten set screws finger tight, then evenly tighten until hex heads break off. Attach structural attachment to with the supplied attachment bolt, ensuring that the attachment bolt head bottoms out securely. Please note that the maximum load will be limited by the structural attachment utilized with this adapter.

APPROVALS: Underwriters Laboratories listed for US and Canada Factory Mutual approved Listed for use with NFPA fastener tables and other components offered by ARGCO.

CROSS REF: PHD Fig. 045
Tolco 800
Afcon 086



UL Maximum Design Load					
Pipe Size	lbs.	kN	Weight Ea.		
			lbs.	kg	
8" MAX	(200)	2015	(8.96)	3.10	(1.41)

FM Maximum Design Load					
Beam Flange Thickness	Brace Angle From Vertical (Degrees)	X		Y	
		lbs.	kN	lbs.	kN
3/8" Min. 1 1/4" Max.	30°-44°	1150	(5.11)	900	(4.00)
	45°-59°	1800	(8.00)	1050	(4.67)
	60°-74°	2230	(9.91)	1260	(5.60)
	75°-90°	2460	(10.94)	1410	(6.27)

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