

Function:

Designed for bracing pipe against sway and seismic disturbances. Universal swivel design allows for attachment at any surface angle combined with concentric loading. Structure attachment fitting designed to use 1" thru 2" SCH 40 pipe, structural steel, as sway bracing elements. No bracing member thicker than 3/8" can be used in conjunction with this product. Utilize the Fig. 030 with a pipe attachment fitting and a bracing element to form a complete sway brace assembly. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.

Size:

1/2" mounting hole
Braces up to 8" Pipe MAX

Finish:

Electro-galvanized

Material:

Ductile Iron and Low Carbon Steel

Install:

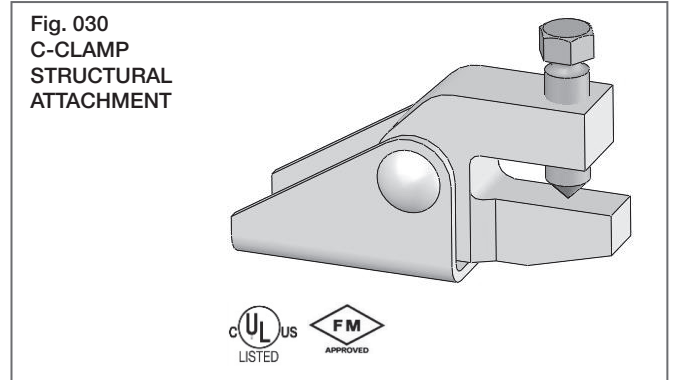
Mount device to structure then insert brace element into fitting against back of jaw. Tighten set screw finger tight, then tighten until hex head breaks off. Adjust attachment to proper brace angle.

Approvals:

Underwriters Laboratories listed for US and Canada
Factory Mutual approved
Listed for use with NFPA fastener tables and sway brace components only

Ordering: Specify figure number

UL Maximum Design Loads (Up to 8" Pipe) Lateral & Longitudinal Assemblies						
Brace Member	Member Thickness	Member Length	lbs.	kN	Weight Ea.	
					lbs.	kN
1" Thru 2" Pipe	SCH 40	Refer to NFPA13	2015	(8.96)	1.46	(0.66)
Structural Steel	3/8" thick MAX	Refer to NFPA13	2015	(8.96)		



A05

FM Maximum Design Load For Bracing SCH 10, 40 & Flow Pipe				
Brace Member		Brace Angle From Vertical (Degrees)	lbs.	kN
1" Thru 2" SCH 40 Pipe	(GB/T3091, EN10255H, or JISG3454)	30°-44°	1270	(5.64)
		45°-59°	2040	(9.07)
		60°-74°	2450	(10.89)
		75°-90°	2740	(12.18)
1/4" Thru 3/8" Thick Structural Steel		30°-44°	900	(4.00)
		45°-59°	1280	(5.69)
		60°-74°	1570	(6.98)
		75°-90°	1750	(7.78)



Pipe Braced:

8" Pipe MAX

Bracing:

1" thru 2" SCH 40 pipe, structural steel

Function:

Designed for bracing pipe against sway and seismic disturbances. Universal swivel design allows for attachment at any surface angle combined with concentric loading. Structure attachment fitting designed to use 1" thru 2" SCH 40 pipe, structural steel, as sway bracing elements. No bracing member thicker than 3/8" can be used in conjunction with this product. Utilize the Fig. 030 with a pipe attachment fitting and a bracing element to form a complete sway brace assembly. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.

Approvals:

Underwriters Laboratories listed for US and Canada
 Factory Mutual approved
 Listed for use with NFPA13 fastener tables and sway brace components only

Material:

Ductile Iron and Low Carbon Steel

Installation:

Mount device to structure then insert brace element into fitting against back of jaw. Tighten set screw finger tight, then tighten until hex head breaks off. Adjust attachment to proper brace angle.

Manufacturer: PHD

UL Maximum Design Loads (Up to 8" Pipe)

Brace Member	Member Thickness	Member Length	lbs.
1" Thru 2" Pipe	SCH 40	Refer to NFPA13	2015
NFPA13 Structural Steel	3/8" thick MAX	Refer to NFPA13	2015

FM Maximum Design Load

For Bracing SCH 10, 40 & Flow Pipe			
Brace Member		Brace Angle From Vertical (Degrees)	lbs.
1" Thru 2" SCH 40 Pipe	(GB/T3091, EN10255H, or JISG3454)	30°-44°	1270
		45°-59°	2040
		60°-74°	2450
		75°-90°	2740
1/4" Thru 3/8" Thick Structural Steel		30°-44°	900
		45°-59°	1280
		60°-74°	1570
		75°-90°	1750

NOTA GENERALE:

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