

Seismic Bracing

TOLCO™ Fig. 1001 - Sway Brace Attachment (UL Listed)

Size Range: Pipe size to be braced: 1" (25mm) thru 8" (200mm) IPS.
 Pipe size used for bracing: 1" (25mm) and 1 1/4" (32mm) Schedule 40 IPS.

Material: Steel

Function: For bracing pipe against sway and seismic disturbance. The pipe attachment component of a sway brace system. Fig. 1001 is used in conjunction with a Fig. 900 Series fitting and joined together with bracing pipe per NFPA 13, forming a complete sway brace assembly.

Features: Can be used to brace schedule 7 through schedule 40 IPS. Field adjustable, making critical pre-engineering of bracing pipe length unnecessary. Unique design requires no threading of bracing pipe. Comes assembled and ready for installation. Fig. 1001 has built-in visual verification of correct installation. See installation note below.

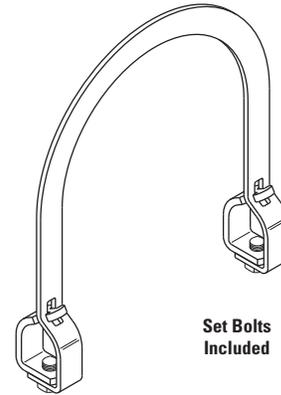
Installation Note: Position Fig. 1001 over the pipe to be braced and tighten two hex head cone point set bolts until heads bottom out. A minimum of 1" (25mm) pipe extension is recommended. Brace pipe can be installed on top or bottom of pipe to be braced.

Approvals: Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). Included in our Seismic Engineering Guidelines approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to our Seismic Engineering Guidelines, OPM-0052-13. For FM Approval information refer to FM Approved page 67.

Finish: Plain or Electro-Galvanized. Contact customer service for alternative finishes and materials.

Order By: Order by figure number, pipe size to be braced, followed by pipe size used for bracing (1" (25mm) or 1 1/4" (32mm)), and finish.

Important Note: Fig. 1001 is precision manufactured to perform its function as a critical component of a complete bracing assembly. To ensure performance, the UL Listing requires that Fig. 1001 must be used only with other TOLCO bracing products.

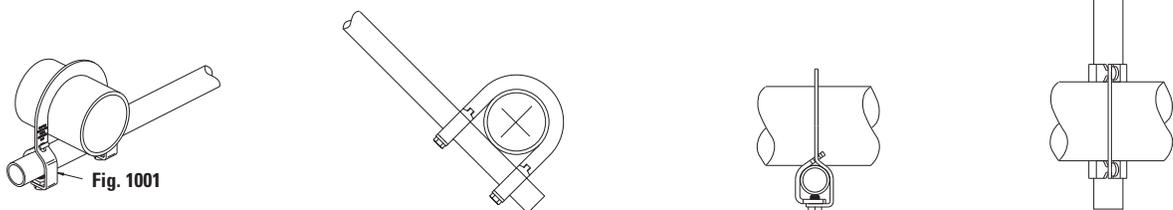


Set Bolts Included



Pipe Size in. (mm)	Part Number & Approx. Wt./100				Design Load - Lbs. For Brace Pipe Size 1" / 1 1/4"		
	1" (24mm) Brace Pipe		1 1/4" (32mm) Brace Pipe		Sch. 7 1" / 1 1/4"	Sch. 10 1" / 1 1/4"	Sch. 40 1" / 1 1/4"
	Part Number	Lbs. (kg)	Part Number	Lbs. (kg)			
1" (25)	1001-1 X 1	100.0 (45.3)	1001-1 X 1 1/4	118.0 (53.5)	-- / --	1000 / 1000	1000 / 1000
1 1/4" (32)	1001-1 1/4 X 1	100.0 (45.3)	1001-1 1/4 X 1 1/4	114.0 (51.7)	1000 / 1000	1000 / 1000	1000 / 1000
1 1/2" (40)	1001-1 1/2 X 1	100.0 (45.3)	1001-1 1/2 X 1 1/4	115.0 (52.1)	1000 / 1000	1500 / 1500	1500 / 1500
2" (50)	1001-2 X 1	108.0 (49.0)	1001-2 X 1 1/4	121.0 (54.8)	1000 / 1000	2015 / 2015	2015 / 2015
2 1/2" (65)	1001-2 1/2 X 1	138.6 (62.8)	1001-2 1/2 X 1 1/4	160.4 (72.7)	1600 / 1600	2015 / 2765	2015 / 2765
3" (80)	1001-3 X 1	147.2 (66.7)	1001-3 X 1 1/4	168.7 (76.5)	1600 / 1600	2015 / 2765	2015 / 2765
4" (100)	1001-4 X 1	160.9 (73.0)	1001-4 X 1 1/4	182.4 (82.7)	1600 / 1600	2015 / 2765	2015 / 2765
6" (150)	1001-5 X 1	190.0 (86.2)	1001-5 X 1 1/4	211.4 (95.9)	1600 / 1600	2015 / 2765	2015 / 2765
8" (200)	1001-8 X 1	217.4 (98.6)	1001-8 X 1 1/4	238.8 (108.3)	1600 / 1600	2015 / 2765	2015 / 2765

Note: Metric sizes are available, contact factory.



All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.