

TOLCO™ Fig. 910 - Swivel Sway Brace Attachment

Size Range: 1" (25mm) bracing pipe. For brace pipe sizes larger than 1" (25mm), use Fig. 980. Available with holes for 3/8"-16 thru 3/4"-10 fastener attachment.

Material: Steel

Function: For bracing pipe against sway and seismic disturbances. The building attachment component of a sway brace system; the Fig. 910 is used in conjunction with the Fig. 1001, Fig. 1000 or with a Fig. 4A, Fig. 4L, or Fig. 4LA pipe clamp and joined together with a brace pipe per NFPA 13.

Features: This product's design incorporates a concentric attachment opening which is critical to the performance of structural seismic connections. NFPA 13 (2010) 9.3.5.8.4 indicates that fastener table load values are based only on concentric loading. Universal swivel design allows Fig. 910 to be attached at any surface angle.

Approvals: Underwriters Laboratories Listed in the USA (UL) and Canada (cUL). Included in our Seismic Restraints Catalog approved by the State of California Office of Statewide Health Planning and Development (OSHPD, OPA-0300). For additional load, spacing and placement information relating to OSHPD projects, please refer to the TOLCO Seismic Restraint Systems Guidelines.

Installation Instructions: Fig. 910 is a structural or transitional attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with the "bracing pipe", and TOLCO "braced pipe" attachment, Fig. 1000, Fig. 1001, Fig. 4A, Fig. 4L or Fig. 4LA to form a complete bracing assembly. Follow NFPA 13 and/or OSHPD guidelines.

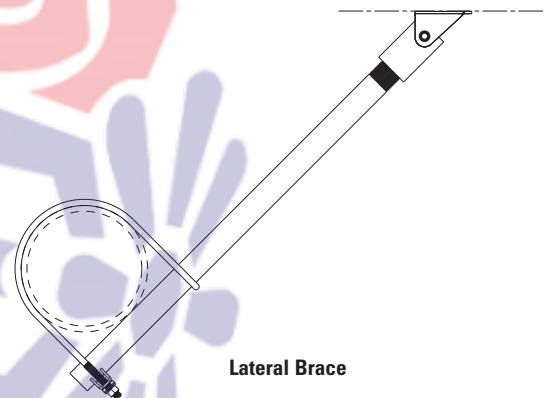
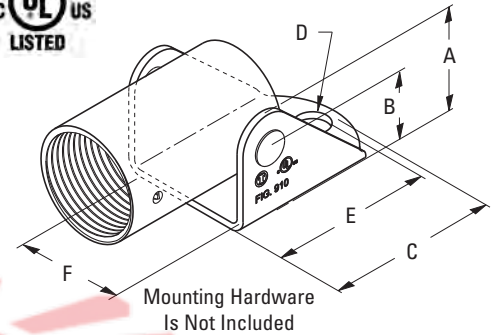
To Install: Thread the pipe into the Fig. 910 until pipe threads are visible through inspection site hole. Attachment can pivot for adjustment to proper brace angle.

Note: Fig. 910 swivel attachment and Fig. 1001, Fig. 1000, Fig. 4A Fig. 4L, or Fig. 4LA pipe clamps make up a sway brace system of (UL) Listed attachments and bracing materials which satisfies the requirements of Underwriters Laboratories and the National Fire Protection Association (NFPA).

Finish: Pre-Galvanized. Contact customer service for alternative finishes and materials.

Order By: Figure number, pipe size, fastener attachment size, and finish.

Component of State of California OSHPD Approved Seismic Restraints System



Part Number	Brace Pipe Size in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	Mounting Hole D in. (mm)	E in. (mm)	F in. (mm)	Max. Design Load lbs. (kN)	Approx. Wt./100 lbs. (kg)
910-1 X 1/2	1" (25)	2" (50.8)	1 1/2" (38.1)	3" (76.2)	9/16" (14.3)	2 5/16" (58.7)	2" (50.8)	1600 (8.96)	88 (39.9)
910-1 X 5/8	1" (25)	2" (50.8)	1 1/2" (38.1)	3" (76.2)	1 1/16" (17.5)	2 5/16" (58.7)	2" (50.8)	1600 (8.96)	87 (39.4)
910-1 X 3/4	1" (25)	2" (50.8)	1 1/2" (38.1)	3" (76.2)	1 3/16" (20.6)	2 5/16" (58.7)	2" (50.8)	1600 (8.96)	86 (39.0)

Important! - For load information when using Fig. 910 with pre-installed or post-installed concrete anchors in compliance with NFPA 13 (2016) or ASCE 7-10, including prying factors, see load tables on pages AL1 thru AL21.

Eaton's B-Line series seismic bracing components are designed to be compatible only with other B-Line series bracing components, resulting in a listed seismic bracing assembly. Eaton B-Line Division warranty for seismic bracing components will be the warranty provided in Eaton B-Line Division standard terms and conditions of sale made available by Eaton, except that, in addition to the other exclusions from Eaton B-Line Division warranty, Eaton makes no warranty relating to B-Line series seismic bracing components that are combined with products not provided by Eaton.

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