Fig. 800 - Adjustable Sway Brace Attachment to Steel

TOLCO

Component of State of California OSHPD Approved Seismic Restraints System

Size Range: 4" (101.6mm) thru 18" (457.2mm) beam width

Material: Steel

Function: Seismic brace attachment to steel.

Features: This product's design incorporates a concentric attachment point which is critical to the performance of structural seismic connections. NFPA 13 indicates the importance of concentric loading of connections and fasteners. Permits secure connection to steel where drilling and/or welding of brace connection could present structural issues.

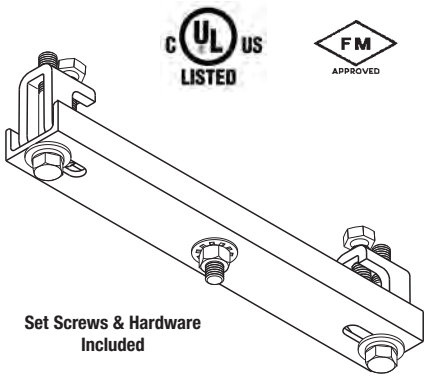
Installation Instructions: Fig. 800 is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a Cooper B-Line/TOLCO transitional attachment, "bracing pipe" and a Cooper B-Line/TOLCO "braced pipe" attachment to form a complete bracing assembly. NFPA 13 and/or OSHPD guidelines should be followed.

To Install: Place the Fig. 800 on the steel beam, tighten the cone point set screws on flange until the heads break off. Tighten hex head bolts into clamp body until lock washers are fully flat. Attach other TOLCO transitional attachment fitting, Fig. 909, 910, 980 or 986. Transitional fitting attachment can pivot for adjustment to proper brace angle.

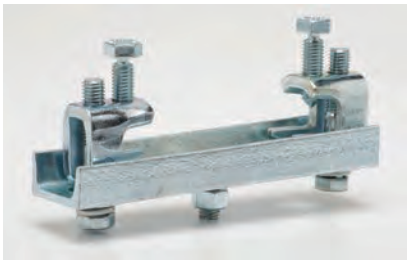
Approvals: Underwriters Laboratories Listed in the USA **(UL)** and Canada **(cUL)**. Approved by Factory Mutual Engineering **(FM)**. Included in our Seismic Restraints Catalog approved by the State of California Office of Statewide Health Planning and Development **(OSHPD)**. For additional load, spacing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

Finish: Plain. Contact B-Line for alternative finishes and materials.

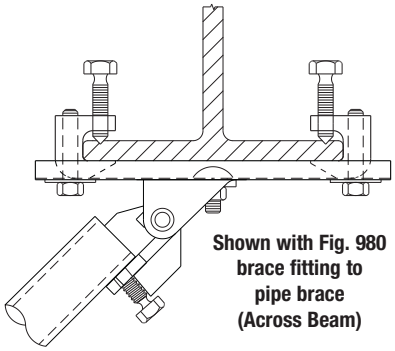
Order By: Figure number, type number and size number.



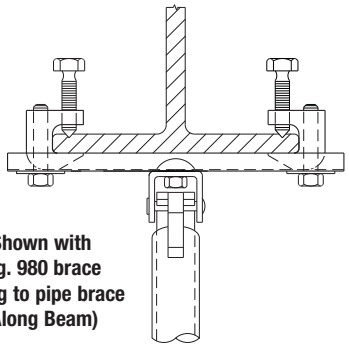
Set Screws & Hardware Included



Part No.	Fits Beam Flange Width in.	(mm)
800-1	4"- 6"	(101.6-152.4)
800-2	6"-8"	(152.4-203.2)
800-3	8"-10"	(203.2-254.0)
800-4	10"-12"	(254.0-304.8)
800-5	12"-14"	(304.8-355.6)
800-6	14"-16"	(255.6-406.4)
800-7	16"-18"	(406.4-457.2)



Shown with Fig. 980 brace fitting to pipe brace (Across Beam)



Shown with Fig. 980 brace fitting to pipe brace (Along Beam)

Type	Fits Beam Flange Thickness in.	(mm)	Max. Design Loads (cULus) Along Beam lbs./(kN)	Across Beam lbs./(kN)	Max. Design Load (FM) Lateral - Parallel to Structural Member 30°-44° lbs./(kN)	45°-59° lbs./(kN)	60°-74° lbs./(kN)	75°-90° lbs./(kN)	Longitudinal - Perpendicular to Structural Member 30°-44° lbs./(kN)	45°-59° lbs./(kN)	60°-74° lbs./(kN)	75°-90° lbs./(kN)
1	Up to 3/4"	(Up to 19.0)	1265 (5.62)	2015 (8.96)	1430 (6.36)	1970 (8.76)	1980 (8.81)	NR (NR)	930 (4.13)	1310 (5.82)	1610 (7.16)	1800 (8.00)
2	3/4" to 1 1/4"	(19.0 to 31.7)	1265 (5.62)	2015 (8.96)	NR (NR)	NR (NR)	NR (NR)	NR (NR)	NR (NR)	NR (NR)	NR (NR)	NR (NR)

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