

Fig. 825A - Bar Joist Sway Brace Attachment

Size Range — One size accommodates all TOLCO Fig. 900 Series sway brace attachments. Maximum Horizontal Design Load 1600 lbs.

Material — Carbon Steel

Function — To attach sway bracing to steel open web structural members.

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 non-friction connection without drilling or welding. Unique design reinforces point of connection to joist. Break off head bolt design assures verification of proper installation.

Approvals — Underwriter's Laboratories Listed in the USA (UL) and Canada (cUL). For additional load, spacing and placement information relating to OSHPD projects, please refer to the TOLCO Seismic Restraint Systems Guidelines.

Installation Instructions — The Fig. 825A is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a TOLCO transitional attachment, "bracing pipe" and a TOLCO "braced pipe" attachment to form a complete bracing assembly. NFPA 13 and/or OSHPD guidelines should be followed.

To Install — Place the Fig. 825A on the steel beam, tighten the cone point set bolts until bolt heads break off. Attach other TOLCO transitional attachment fitting, Fig. 909, 910, 980 or 986. Transitional fitting attachment can pivot for adjustment to proper brace angle.

Important Structural Note:

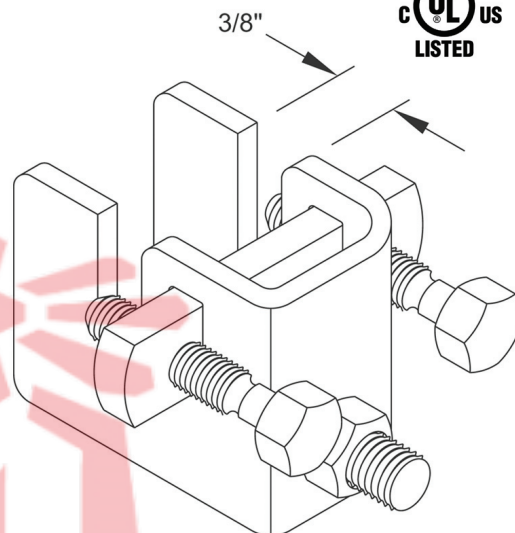
The TOLCO Fig. 825A has significant UL established design loads, however, structural issues related to the steel joist member require restricted location installation for all bracing. Steel Joist Manufacturers require that all earthquake bracing connections be within 6" of the cord panel point. Installation of the Fig. 825A is not restricted to the two outer third sections of the joist. For greater design loads, refer to TOLCO Fig. 825.

Finish — Plain

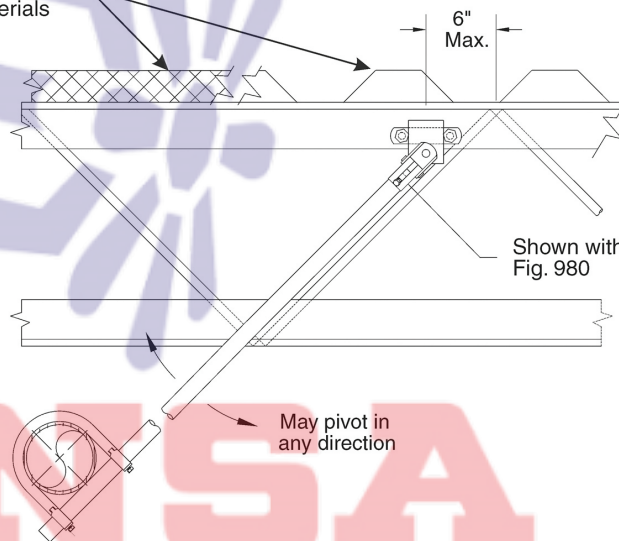
Order By — Figure number and finish

Patent #6,098,942

Component of State of California OSHPD Approved Seismic Restraints System



Bar joist shown attached to various roof materials



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

COOPER B-LINE 1375 Sampson Ave • Corona, CA 92879 • 800.786.5266 • FAX: 951.737.0330