

## Seismic Bracing



**Fig. 828**  
Universal Sway  
Brace Attachment  
to Steel  
Pages 52 & 53



**Fig. 825**  
Sway Brace  
Attachment  
to Steel  
Pages 54 & 55



**Fig. 825A**  
Sway Brace  
Attachment to Steel  
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**Fig. 906**  
Sway Brace  
Multi-Fastener  
Adapter  
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**Fig. 800**  
Adjustable Sway  
Brace Attachment  
To Steel  
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**Fig. 980**  
Universal Swivel  
Sway Brace  
Attachment  
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**Fig. 909**  
No-Thread  
Swivel Sway  
Brace  
Attachment  
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**Fig. 910**  
Threaded  
Swivel Sway  
Brace  
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**Fig. 907**  
Multi-Angle  
Attachment  
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**Fig. 975**  
Straight Sway  
Brace Fitting  
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**Fig. 1001**  
Sway Brace  
Attachment  
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**Fig. 1000**  
Fast Clamp Sway  
Brace Attachment  
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**Fig. 2002**  
Sway Brace  
Attachment  
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**Fig. 75**  
Swivel  
Attachment  
See Page 40



**Fig. 3000**  
CPVC Sway Brace  
Attachment  
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**Fig. 76**  
Structural  
Attachment  
For Restraint  
Assembly  
See Pages 42 & 43



**Fig. 77**  
CPVC System  
Piping Attachment  
For Restraint Assembly  
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**Fig. 98**  
Rod Stiffener  
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**Fig. 98B**  
Rod Stiffener  
with Break Off  
Bolt Head  
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**SC228**  
Rod Stiffener  
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**Fig. 4L**  
Sway Brace  
Attachment  
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**Fig. 4B**  
Pipe Clamp For  
Sway Bracing  
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# Seismic Bracing

## TOLCO Fig. 825A - bar joist sway brace attachment to steel

**Size Range:** One size accommodates all Fig. 900 Series sway brace attachments.

**Material:** Steel

**Function:** To attach sway bracing and/or hanger to steel 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:** Underwriters Laboratories Listed in the USA (**UL**) and Canada (**cUL**). UL listed with Fig. 909, 910, and 980 series attachments and the following brace member type pipes: Sch. 40, KSD 3562. 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.

**Installation Instructions:** 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 guidelines should be followed.

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

**Finish:** Plain or Electro-Galvanized

**Approx. Wt./100:** 154.5 Lbs. (70.1kg)

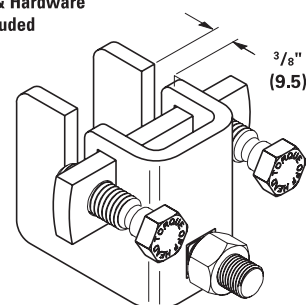
**Order By:** Figure number and finish

*Patent #6,098,942*

Retaining strap not required.



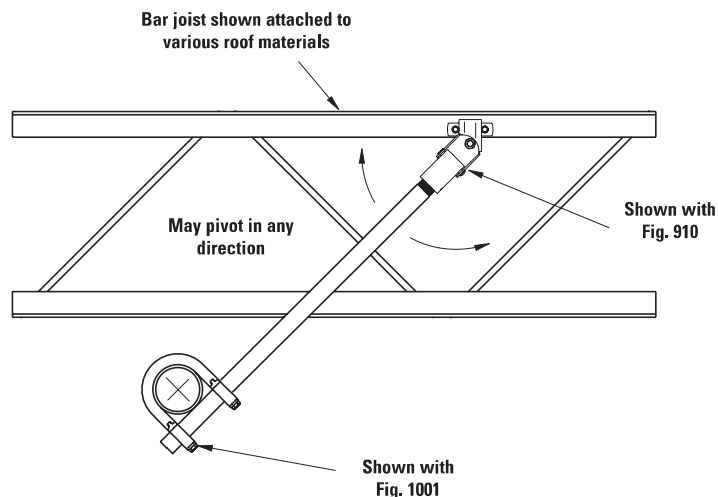
Set Bolts & Hardware Included



### Maximum Design Load

825A 700 lbs. (3.11kN)

**UL Listed as Hanger Attachment for 8" (200mm) Pipe at Maximum Spacing**



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.

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