

Fig. 828 Universal Sway Brace Attachment

APPLICATIONS

- Used for attaching seismic bracing to various structural members, including wide flange beams, I-beams, C-channel, welded steel trusses, etc...
- Compatible with all TOLCO seismic swivel fittings

FEATURES

- TOLCO engineered break-off head bolts for visual verification of proper installation
- 2015 lbs. load across and along the beam
- Stable 3 point attachment

MATERIALS & CONSTRUCTION

- Carbon Steel - available in Plain or Electro-Galvanized finish

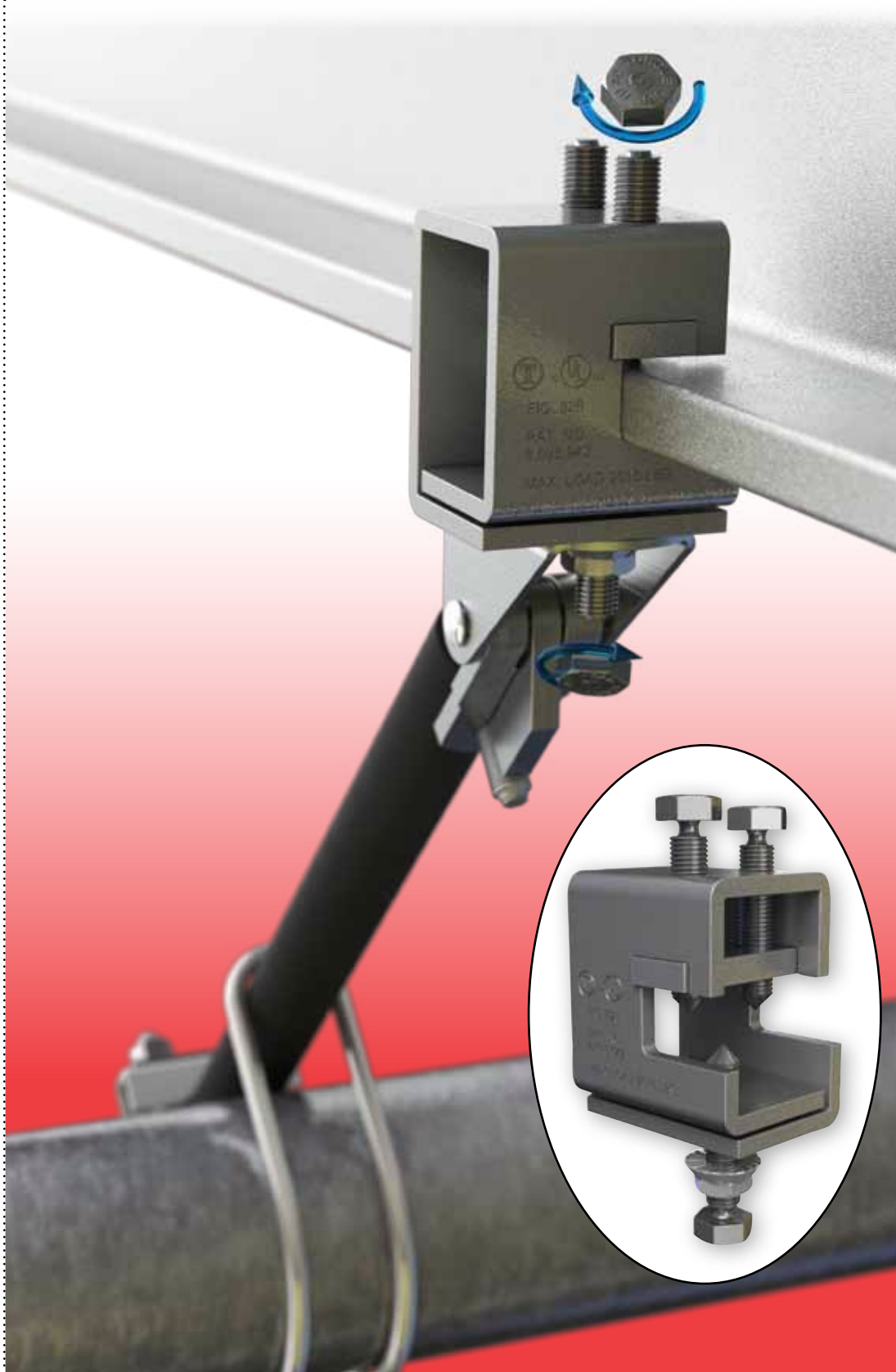


Fig. 828 - Universal Sway Brace Attachment

Size Range — One size accommodates all TOLCO Fig. 900 Series sway brace attachments. Maximum Horizontal Design Load 2015 lbs. Fits from 3/8" to 7/8" thk. steel structure. *For sizes less than 3/8" thk. refer to Fig. 825 or Fig. 825A.

Material — Carbon Steel

Function — To attach sway bracing to various types of steel structural members.

Features — Permits secure non-friction connection without drilling or welding. Unique design allows offset placement on Wide flange beam, I-beam, C-channel, open web, welded steel trusses, etc... Secures brace to structure either across or along the beam. Break-off bolts allow for visual verification of proper installation torque.

Approvals — Underwriters Laboratories Listed in the USA (UL) and Canada (cUL).

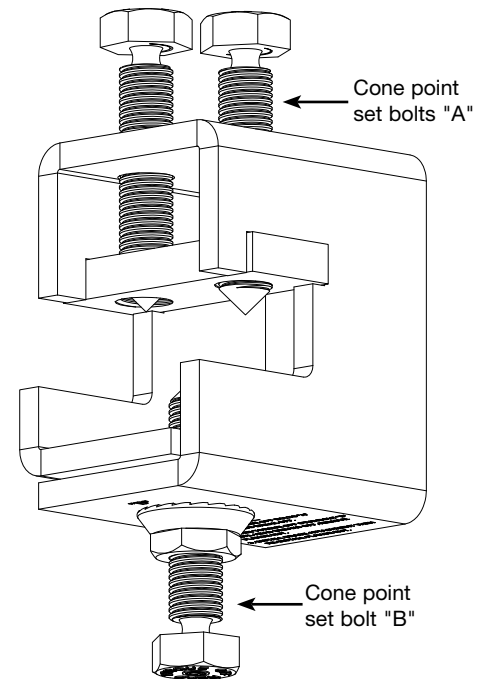
Installation Instructions — The Fig. 828 is the structural attachment component of a longitudinal or lateral sway brace assembly. It is intended to be combined with a TOLCO transitional attachment, "bracing pipe" and a TOLCO "braced pipe" attachment, to form a complete bracing assembly. NFPA 13 and/or OSHPD guidelines should be followed.

To Install — Place the Fig. 828 on flange of the beam, truss or girder. Be sure the attachment is fully engaged to the rear of the opening. Tighten the cone point set bolts (A) until the heads break off. Tighten the cone point set bolt (B) until the head breaks off. Remove the flange nut from set bolt (B). Install a TOLCO swivel fitting (FG 909, 910, 980, 986). Use flange nut to secure the swivel fitting.

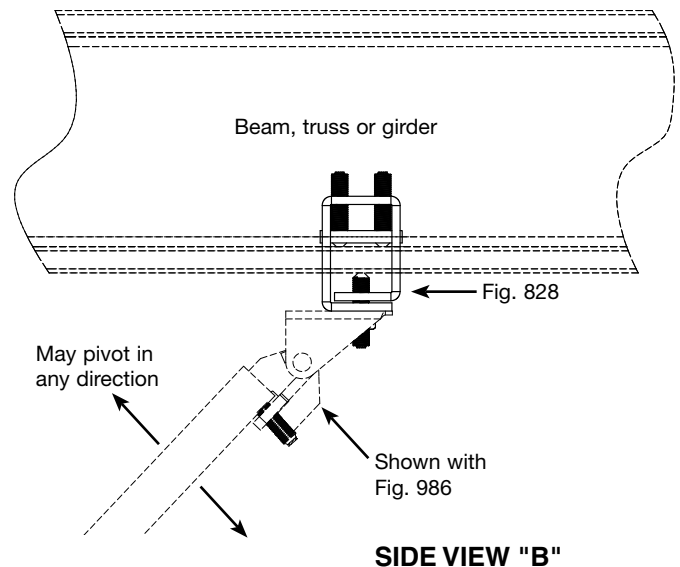
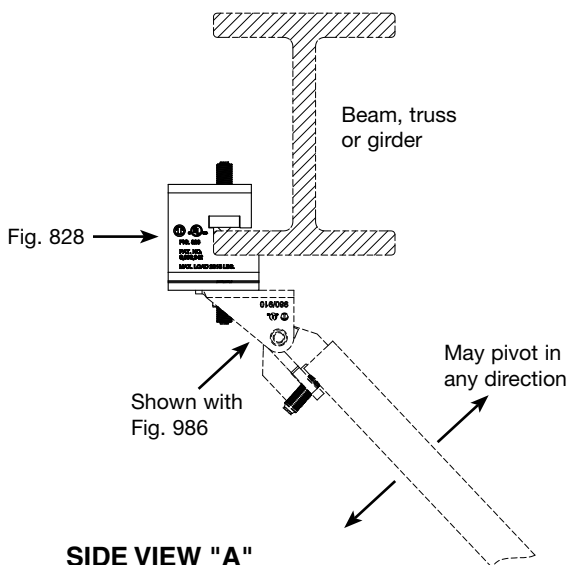
Finish — Plain and Electro-Galvanized

Order By — Figure number and finish

US Patent # 6,098,942, Canada Patent #2,286,659



Maximum Design Load across beam 2015 Lbs.
 Maximum Design Load along beam 2015 Lbs.
 Weight/100 284 Lbs.



TOLCO® brand bracing components are designed to be compatible **ONLY** with other TOLCO® brand bracing components, resulting in a Listed seismic bracing assembly. **DISCLAIMER** — NIBCO does **NOT** warrant against the failure of TOLCO® brand bracing components, in the instance that such TOLCO® brand bracing components are used in combination with products, parts or systems which are not manufactured or sold under the TOLCO® brand. NIBCO shall **NOT** be liable under any circumstance for any direct or indirect, incidental or consequential damages of any kind, including but not limited to loss of business or profit, where non-TOLCO brand bracing components have been, or are used.