



PATENT
PENDING

Fig. 981 Fast Attach Universal Swivel Sway Brace Attachment

APPLICATIONS

- Used for attachment of rigid seismic bracing to pipe hanger or trapeze

FEATURES

- Unique "Fast Attach" yoke fits multiple hanger rod sizes; 3/8" through 5/8" and 3/4" through 7/8" sizes
- Swivel allows adjustment to various surface angles
- Fits 1" - 2" brace pipe, 12 gauge channel or steel angle up to 1/4" thick
- TOLCO® engineered break-off bolt heads assure verification of proper installation torque

MATERIALS & CONSTRUCTION

- Carbon steel -
Electro-Galvanized

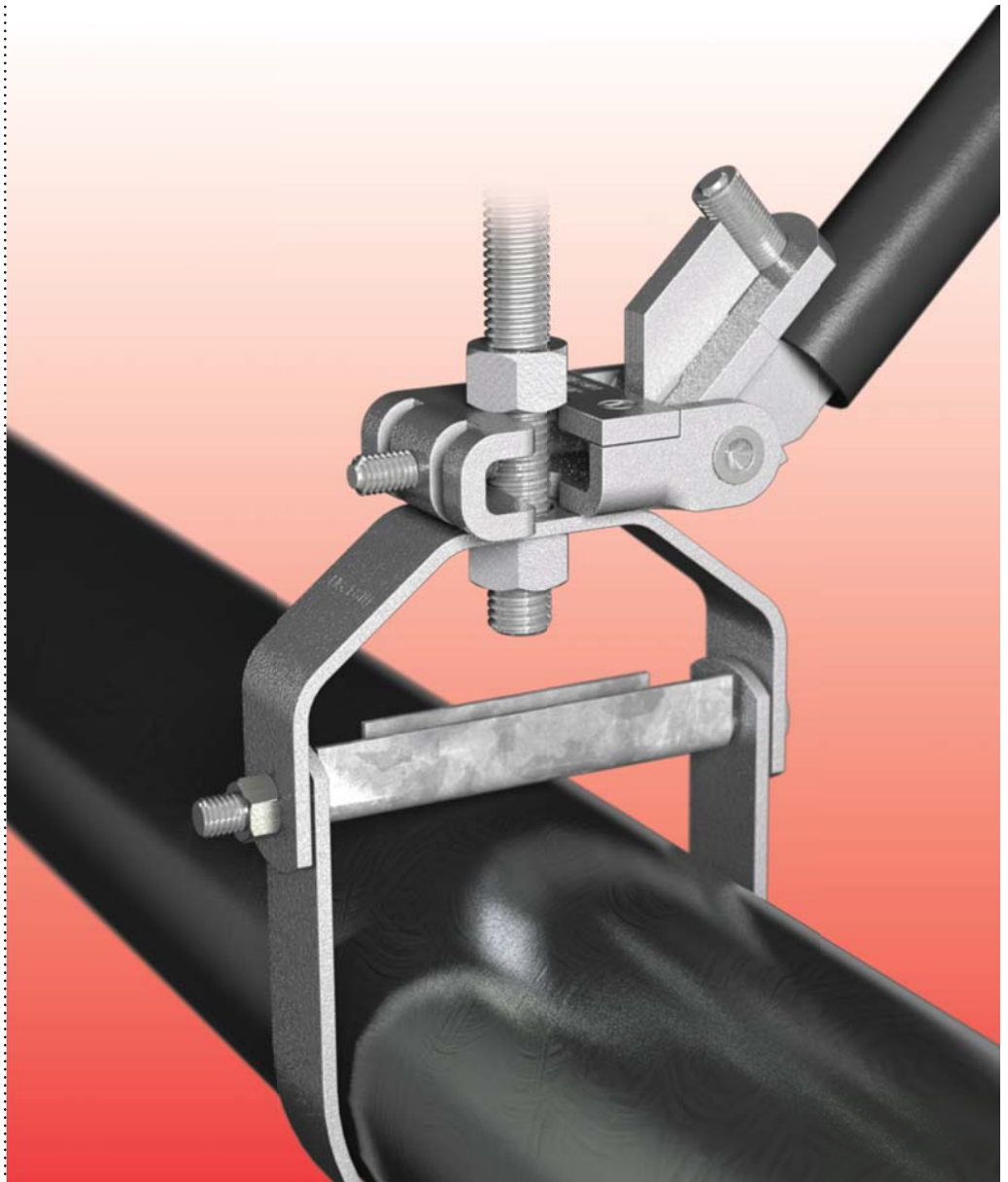


Fig. 981 - Fast Attach — Universal Swivel Sway Brace Attachment

Size Range — Fits bracing pipe 1" thru 2", 12 gauge channel & all structural steel up to 1/4" thick. Fits multiple rod sizes 3/8" thru 5/8" and 3/4" thru 7/8".

Material — Carbon Steel

Function — Multi-functional attachment to hanger rod, trapeze rod, structure or braced pipe fitting.

Features — Fits multiple sizes of bracing pipe, strut or structural steel. Swivel allows adjustment to various surface angles. Break-away bolt heads assure verification of proper installation torque. Unique "fast attach" yoke design fits multiple rod sizes; 3/8" thru 5/8" and 3/4" thru 7/8". "Stackable" design allows installation of both lateral and longitudinal braces to be easily installed on a single hanger rod, with no disassembly.

Installation — The Fig. 981 is the "braced pipe" attachment component of a lateral or longitudinal brace assembly. It is intended to be combined with the pipe hanger, all-thread rod, "bracing pipe" and TOLCO transitional and structural attachment component(s) to form a complete bracing assembly. NFPA 13 and or OSHPD guidelines should be followed.

To Install — Spin nut on top of hanger counterclockwise to loosen the nut and raise it above the top of the hanger. Attach Fig. 981 by slipping the open side of the 981 yoke onto the all thread rod above the top of the hanger. Tighten 3/8" bolt on yoke until head breaks-off to ensure proper installation torque. Spin the hex nut clockwise and tighten securely. Insert brace pipe into the jaw of the 981 and tighten the cone point set bolt until the hex head breaks off ensuring proper installation torque. Pivot brace pipe to proper angle and attach to structure using a TOLCO swivel structural attachment.

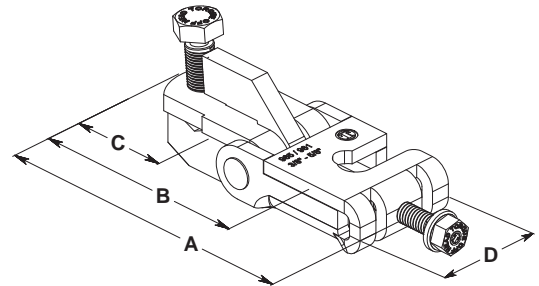
Approvals — Included in our Seismic Restraint Systems Guidelines, approved by the California Office of Statewide Health Planning and Development (**OSHPD**). For additional load, spacing and placement information relating to OSHPD projects, please refer to the TOLCO Seismic Restraint Systems Guidelines.

Finish — Electro-Galvanized

Order By — Figure number, rod size

Pat. # 6,273,372, Pat. # 7,097,141,
 Pat. # 7,654,043, Pat. # 7,654,043 B2

Component of State of California OSHPD Approved Seismic Restraints System



Dimensions • Weights					
A	B	C	D	Max. Design Load Lbs.	Approx. Wt./100
5½"	4½"	1¼"	2¼"	2015	88

