

## Fig. 775

### Lateral / Longitudinal Brace Clamp

**Size Range:** Service Pipe: 2½" through 8" Sch. 10 and Sch. 40 IPS

Service Pipe: 2½" through 6" Flow Pipe

Brace Pipe: 1" or 1¼" Sch. 40 IPS

**Material:** Carbon steel clamp, ductile iron brace connector

**Finish:** Plain or Galvanized

**Service:** Used to rigidly brace piping systems subjected to sway and seismic disturbances. Pipe clamp component of Anvil's 700 series sway brace assembly. Can be utilized as either a lateral brace clamp or a longitudinal brace clamp.

**Approvals:** UL and ULC Listed (UL 203A:2009), and FM Approved (FM 1950:2010). Complies with seismic bracing requirements of NFPA-13.

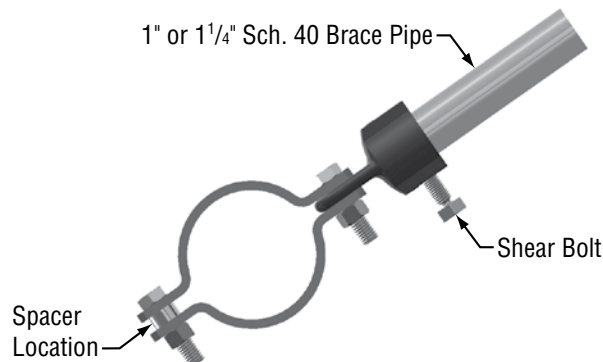
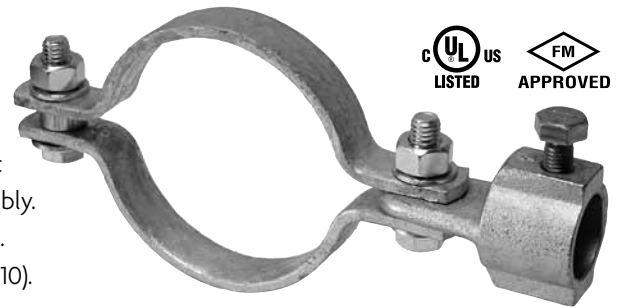
**Features:**

- No threading of bracing pipe
- Functions as a lateral or longitudinal brace clamp

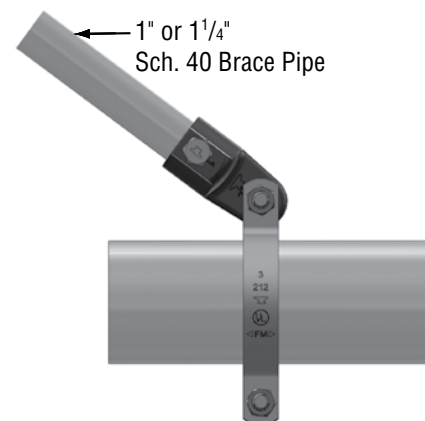
**Installation Instructions:**

1. Installation of the pipe must be at a minimum 6" away from a pipe joint.
2. Position pipe clamp at desired location and loosely tighten the clamp hex bolts. Ensure that the spacer and brace pipe connector are positioned between the pipe clamp ears.
3. Place the Schedule 40 brace pipe into the brace pipe connector until it bottoms out.
4. Tighten shear bolt until the head shears off. Then position the brace pipe to the appropriate angle.
5. Tighten the pipe clamp hex bolts equally and alternately until metal-to-metal contact is achieved with the following torque values. Clamp Bolt Minimum Torque Values : 2½" thru 3" Dia. Clamps ( 80 Ft-Lbs) , 4" & 5" Dia. Clamps ( 100 Ft-Lbs), 6" Dia. Clamp ( 120 Ft-Lbs), 8" Dia. Clamp ( 140 Ft-Lbs),
6. Note: For 6" and 8" service pipe, a thread lubricant such as Gruvlok® Xtreme™ Lubricant should be used to ease assembly of pipe clamp hex bolts and nuts.

**Ordering:** Specify service pipe diameter x brace pipe diameter, figure number, name and finish.



**Lateral Brace Orientation**  
(Brace Pipe Perpendicular to Service Pipe Axis)



**Longitudinal Brace Orientation**  
(Brace Pipe Parallel to Service Pipe Axis)

See page 2 for notes on sway brace-seismic components concerning – installation, performance and warranty.