

## Fig. 774

### Multi-Directional Brace Connector

**Size Range:** Brace Pipe: 1" or 1 1/4" Sch. 40 IPS  
Service Line: 1" through 4"

**Material:** Ductile iron

**Finish:** Plain or Galvanized

**Service:** Used to rigidly brace piping systems subjected to sway and seismic disturbances. Brace pipe connector component of Anvil's 700 series sway brace assembly. Provides a 4-way brace pipe connection. Sway bracing combination assemblies that effectively use a Multi-Directional Brace Connector can brace pipe both laterally and longitudinally, including bracing vertical risers.

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

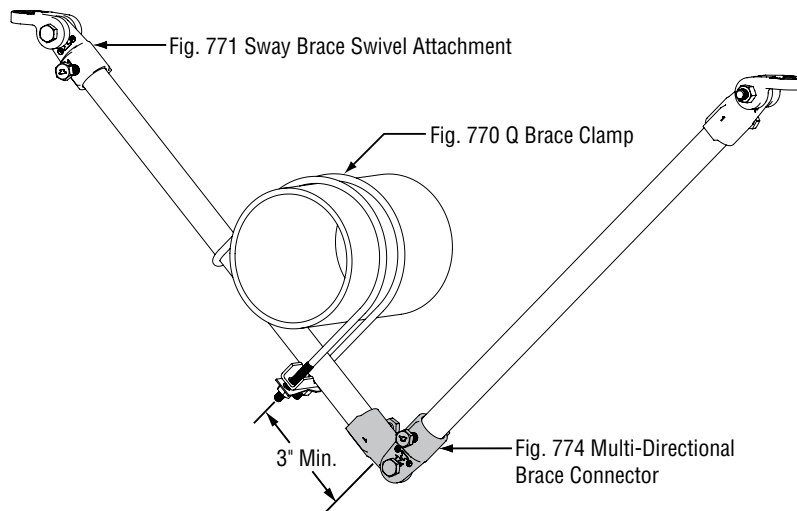
**Features:**

- Requires no threading of brace pipe
- Multi-directional connector design for installing brace pipe above or below horizontal service pipe

**Installation Instructions:**

1. Multi-directional brace must be located within 3" (maximum) of the service brace clamp.
2. Brace pipe must insert fully into the Figure 774 sockets.
3. Adjust to proper brace angle and tighten 1/2" hex nut to a minimum of 40 Ft-Lbs.
4. Tighten shear bolt until heads shear off.

**Ordering:** Specify brace pipe diameters, figure number, name and finish.



**4-Way Brace Assembly (Horizontal or Vertical)**

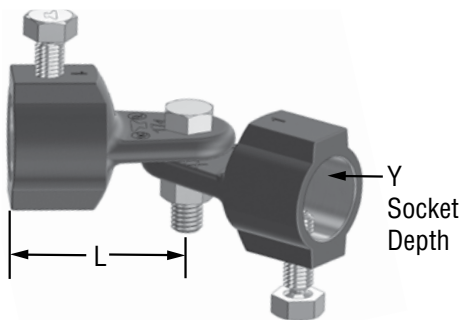


FIG. 774: LOADS (LBS) • WEIGHT (LBS) • DIMENSIONS (IN)					
Brace Pipe Diameters	UL Max Load	L		Y Socket Depth	Weight
		Brace Pipe Diameter		Brace Pipe	
		1	1 1/4	1 & 1 1/4	
1 x 1	1000	2.85	–	1.38	2.16
1 x 1 1/4			2.98		2.49
1 1/4 x 1 1/4		–	–		2.82

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