

## SWAY-BRACE FITTING

## UTT 13

### U Quick Lateral Bracing Clamp

**Function:** Designed for bracing pipe against sway and seismic disturbance. The pipe attachment component of a sway brace system used in conjunction with a UTT Manufacturing structural attachment fitting, and joined together with a bracing pipe element forms a complete sway brace assembly. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.

**Type:** Sprinkler Pipe Sch 10,Sch 40,GB/T 3091,JIS G3454

**Size:** Pipe size 1 " (25)thru 8 " (200)

**Material:** Carbon steel

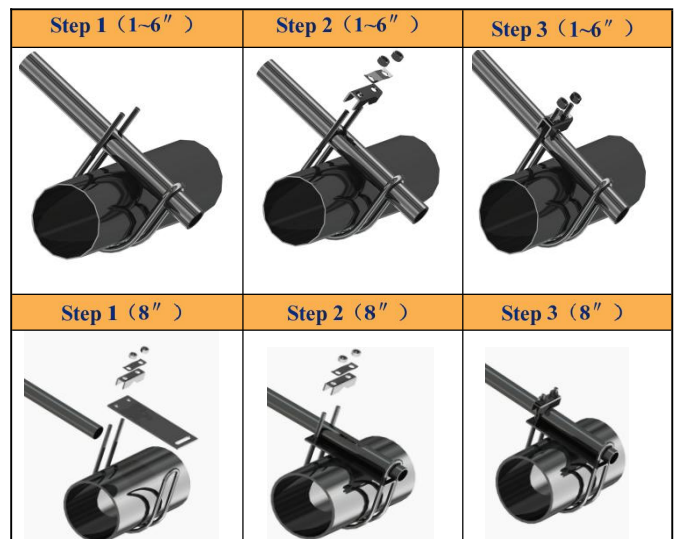
**Finish:** Electro-galvanized

**Approvals:** UL:pipe size 1 " (25)thru 8 " (200);  
FM:pipe size 2 " (50)thru 8 " (200)



UL Maximum Design Load						
Pipe Size		lbs.	kN	Wt. Each		
				1 " (25mm) Brace Pipe		
				lb.	kg	
1	(25)	680	(3.02)	0.71	(0.35)	
1¼	(32)	680	(3.02)	0.81	(0.37)	
1½	(40)	680	(3.02)	0.86	(0.39)	
2	(50)	680	(3.02)	0.92	(0.42)	
2½	(65)	680	(3.02)	1.01	(0.46)	
3	(80)	680	(3.02)	1.08	(0.49)	
4	(100)	680	(3.02)	1.21	(0.55)	
5	(125)	1090	(4.84)	1.37	(0.62)	
6	(150)	1370	(6.09)	1.52	(0.69)	
8	(219)	1370	(6.09)	1.81	(0.82)	

FM Maximum Design Load							
Pipe Size		Horizontal load ratings installation angle 30°-44°		Horizontal load ratings installation angle 45°-59°		Wt. Each	
		1 " (25mm) Brace Pipe					
		lbs.	kN	lbs.	kN	lb.	kg
2	(50)	590	(2.62)	840	(3.73)	0.92	(0.42)
2½	(65)	710	(3.15)	1010	(4.49)	1.01	(0.46)
3	(80)	540	(2.40)	770	(3.42)	1.08	(0.49)
4	(100)	540	(2.40)	770	(3.42)	1.21	(0.55)
6	(150)	270	(1.20)	390	(1.73)	1.52	(0.69)
8	(200)	210	(0.93)	290	(1.28)	1.81	(0.82)



#### Install:

Place over the pipe to be braced, adjust brace angle, and insert bracing pipe through opening leaving a minimum of 1 " (25.4) extending from attachment. Brace pipe can be installed on top or bottom of pipe to be braced but must be a minimum of 6 " (152.4) away from a pipe joint. Tighten nuts down evenly until 30~35N • M to make all green making lines visible.