

UTT20 Pipe Clamp SWAY-Brace Fitting


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 NFPA13 and the manufacturer's installation instructions.

Type: Sprinkler Pipe Sch 10, Sch 40, GB/T3091, IS G3454

Size: Pipe size 2" (50) thru 8" (200)

Material: Carbon steel




Finish: Electro-galvanized

Approvals:   



UL Maximum Design Load					
Pipe Size		lbs.	kN	Wt. Each	
				1" (25mm) Brace Pipe	
				lb.	kg
2	(50)	680	(3.02)	2.33	(1.06)
2½	(65)	680	(3.02)	2.42	(1.1)
3	(80)	680	(3.02)	2.55	(1.16)
4	(100)	680	(3.02)	2.73	(1.24)
5	(125)	1090	(4.84)	3.92	(1.78)
6	(150)	1370	(6.09)	4.29	(1.95)
8	(200)	1370	(6.09)	4.93	(2.24)

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)	1070	(4.75)	1440	(6.40)	0.92 (0.42)
2½	(65)	840	(3.73)	1120	(4.98)	1.01 (0.46)
3	(80)	1030	(4.58)	1560	(6.93)	1.08 (0.49)
4	(100)	650	(2.89)	890	(3.95)	1.21 (0.55)
6	(150)	830	(3.69)	1250	(5.56)	1.52 (0.69)
8	(200)	880	(3.91)	1150	(5.11)	1.81 (0.82)

Step 1	Step 2	Step 3
		
<p>Install:</p> <p>Install the pipe clamp to the pipe, then install the bolts and nuts as shown in the picture. The accessories of UTT20 use the sch40 1-inch pipe. The nuts torque of UTT20 need to reach 100~115N·M to make all green marking lines visible in the bolts. After the installation of bolts & nuts and other accessories, the pipe must be clamped to the bottom of the accessories.</p>		