

Fast Clamp Sway Brace Attachment



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" thru 8"

Material: Carbon Steel

Finish: Electro-galvanized

Approvals: UL: pipe size 1" thru 8"

FM: pipe size 2" thru 8"



| UL Maximum Design Load | | | | | |
|------------------------|-----------|------|--------|---------------|--------|
| Part Number | Pipe Size | lbs. | kN | Wt. Each | |
| | | | | 1" Brace Pipe | |
| | | | | lb. | kg |
| N/A | 1 | 680 | (3.02) | 0.71 | (0.35) |
| N/A | 1½ | 680 | (3.02) | 0.81 | (0.37) |
| N/A | 1½ | 680 | (3.02) | 0.86 | (0.39) |
| 2550603A | 2 | 680 | (3.02) | 0.92 | (0.42) |
| 2550604A | 2½ | 680 | (3.02) | 1.01 | (0.46) |
| 0550605A | 3 | 680 | (3.02) | 1.08 | (0.49) |
| 2550606A | 4 | 680 | (3.02) | 1.21 | (0.55) |
| N/A | 5 | 1090 | (4.84) | 1.37 | (0.62) |
| N/A | 6 | 1370 | (6.09) | 1.52 | (0.69) |
| N/A | 8 | 1370 | (6.09) | 1.81 | (0.82) |

| FM Maximum Design Load | | | | | | | |
|------------------------|-----------|--|--------|--|--------|----------------------|--------|
| Part Number | Pipe Size | Horizontal load ratings installation angle 30°-44° | | Horizontal load ratings installation angle 45°-59° | | Wt. Each | |
| | | lbs. | kN | lbs. | kN | 1" (25mm) Brace Pipe | |
| | | | | | | lb. | kg |
| 2550603A | 2 | 590 | (2.62) | 840 | (3.73) | 0.92 | (0.42) |
| 2550604A | 2½ | 710 | (3.15) | 1010 | (4.49) | 1.01 | (0.46) |
| 0550605A | 3 | 540 | (2.40) | 770 | (3.42) | 1.08 | (0.49) |
| 2550606A | 4 | 540 | (2.40) | 770 | (3.42) | 1.21 | (0.55) |
| N/A | 6 | 270 | (1.20) | 390 | (1.73) | 1.52 | (0.69) |
| N/A | 8 | 210 | (0.93) | 290 | (1.28) | 1.81 | (0.82) |

| Step 1 (1-6") | Step 2 (1-6") | Step 3 (1-6") |
|---------------|---------------|---------------|
| | | |
| Step 1 (8") | Step 2 (8") | Step 3 (8") |
| | | |

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.

| | | | | | | | |
|--------------|--|----------|--|--------------|--|-----------|--|
| System No. | | Location | | Spec Section | | Paragraph | |
| Submitted By | | Date | | Approved | | Date | |