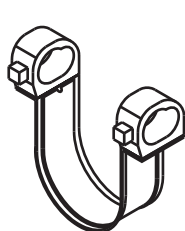




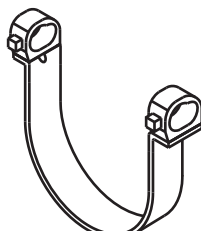
P.O. Box 3365 South El Monte, CA 91733 626.444.0541 Fax 626.444.3887 www.Afcon.org

## 035

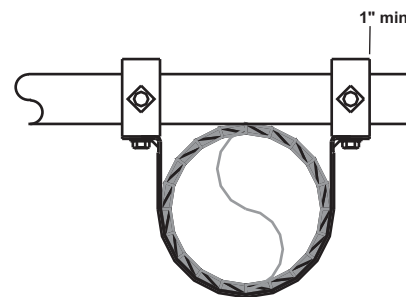
### SWAY BRACE FITTING MODEL K



1 thru 4 inch pipe



3 1/2 & 5 thru 12 inch pipe



**SIZE - SYSTEM PIPE:** Nominal

Steel 1" thru 12"

\* Steel Specially listed - see chart.

CPVC 1" thru 3".

Brace common O.D. - Copper, Plastic, FRP, Ductile and Cast Iron

**SIZE - BRACE PIPE:** 1" thru 2" Sch. 40

**Min. 1 1/4" required for 12" system pipe**

**MATERIAL** - Carbon steel and ductile iron.

**FINISH** - Plain or E.G.

**PATENTS** - No. 7,516,922 No. 7,523,895

**LISTING/APPROVAL** -



UL LISTED Max. Horizontal Load					
System Steel - NPS	Sch.	30°-44°	45°-59°	60°-89°	90°
1"	10-40	1383	1956	2394	2765
1 1/4" - 2"	5-40	1383	1956	2394	2765
2 1/2" - 4"	7-40	1383	1956	2394	2765
5" - 6"	7-40	1383	1956	2394	2765
8"	10-40	1383	1956	2394	2765
10"	10-40	1383	1956	2394	2765
12"	10-40	1870	2645	3238	3740

**FUNCTION** - Lateral fitting of an *AFCON* sway brace assembly.

**INSTALLATION** - Per these instructions

including NFPA 13 or FM 2-8 and CPVC manufacturers instructions.

**Load ratings** - see charts.

**ASSEMBLY** - See drawing.

Combine with proper *AFCON* components- see disclaimer below.

Insert brace pipe through bores to achieve minimum 1" extension.

Tighten 035 set screws until heads bottom out.

**FEATURES**

\* **Patented** - designed for system pipe of varying material.

\* **Improved assembly** - extra large bore for brace pipe.

\* Visual inspection, verifies proper installation.

**ORDERING** - Part #, size - system pipe, size - brace pipe and finish.

FM Max. ASD Horizontal Load					
System Steel - NPS	Sch.	30°-44°	45°-59°	60°-74°	75°-90°
1" - 1 1/2"	7-40	1680	2380	2920	3250
2" - 3"	7-40	1800	2350	3120	3490
4"	7-40	1370	1930	2370	2640
5", 6", 8"	7-40	730	1040	1270	1420

**Special Note:** Thin wall sprinkler pipe has a propensity for damage to its circumference resulting in egging. When egging exists - shift mounting location.



Specific *AFCON* products are exclusively designed to be compatible **ONLY** with other *AFCON* products including parts and fasteners, resulting in a listed sway brace, restrainer or hanger assembly. **Be advised** the following warranty restriction will apply. **DISCLAIMER** - *AFCON* will **NOT** warrant against the failure of its products when used in combination with other products, parts or systems not manufactured or sold by *AFCON*. *AFCON* shall **NOT** be liable under any circumstances whatsoever for any direct or indirect, incidental or consequential damages of any kind, including but not limited to loss of business or profit, when non-*AFCON* products have been, or are used.