

## Fig. AF773 (Formerly Anvil Fig. 773)

## Surge Restrainer

**Size Range:** 3/4" thru 2" Figure 69, Swivel Ring Hanger

**Material:** Carbon steel

**Finish:** Pre-Galvanized per ASTM A653

**Restrainer Service:** Prevents vertical movement of horizontal sprinkler piping from thrust loads due to sprinkler activation. The surge restrainer is intended to be installed with Anvil's Figure 69 Swivel Ring Hanger.

**Restraint Service:** May be installed as part of a branch line seismic restraint assembly per the requirements of NFPA 13. The surge restrainer is intended to be installed with Anvil's Figure 69 Swivel Ring Hanger.

**Approvals:** cULus Listed (UL 203 and UL 203a). Complies with the hanging and restraint requirements listed in NFPA 13.

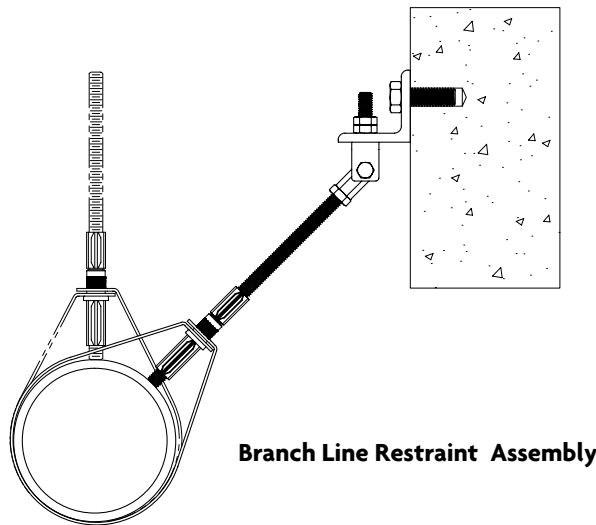
**Features:**

- One universal size accommodates Figure 69 sizes 3/4" through 2".
- Simple design allows for quick installation on existing sprinkler systems.

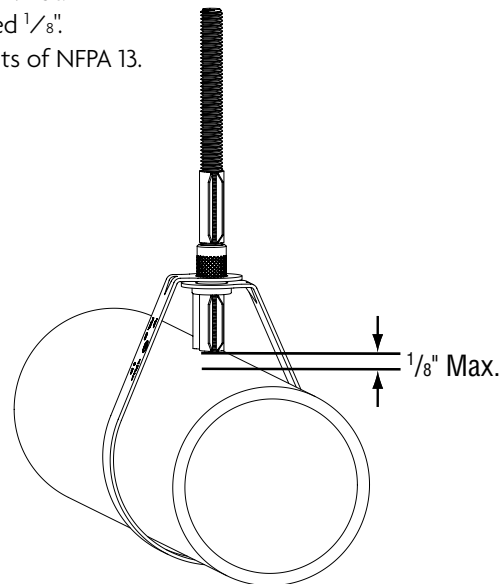
**Installation Instructions:**

- Install hanger rod or restraint rod a minimum of 1/2" beyond the bottom of the Figure 69 knurl nut.
- Snap surge restrainer onto the threaded rod above and below the knurl nut.
- The gap between the surge restrainer and service pipe shall not exceed 1/8".
- Fire Protection applications shall also be installed per the requirements of NFPA 13.

**Ordering:** Specify figure number, and description.



**Branch Line Restraint Assembly**



**FIG. AF773:**

**LOADS (LBS) • DIMENSIONS (IN) • WEIGHT (LBS)**

Service Pipe Size	Rod Size	UL Max Seismic Restraint Load (UL 203a)	Approx. Weight/100
3/4 thru 2	3/8	300	4

**Notes:** Anvil International® brand bracing components are designed to be compatible ONLY with other Anvil International® brand bracing components, resulting in a Listed seismic bracing assembly. Updated UL listing information may be viewed at [www.ul.com](http://www.ul.com)

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PROJECT INFORMATION		APPROVAL STAMP
Project:		<input type="checkbox"/> Approved
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Contractor:		<input type="checkbox"/> Not approved
Engineer:		Remarks:
Submittal Date:		
Notes 1:		
Notes 2:		