



# TECHNICAL BULLETIN

April 7, 2010

**New products and developments from Anvil International**

## FIGURE 189 & 190 EYE SOCKETS

Eye Sockets are a new addition to Anvil's pipe hanger line. The sockets are primarily used in fire protection sprinkler systems and plumbing would be a secondary market.

The Eye Sockets consist of 3/8" rod diameter offered in a straight or offset configuration in only a pre-galvanized finish, which can be used on pipe sizes ranging from 3/4" through 4".

They are both UL listed and FM approved and can be easily attached to wood structures with wood and lag screws fasteners. Data Sheets are included with each box that provide the recommended sizes and combinations for the fasteners and all the necessary installation instructions.

The initial national stocking location will be at the University Park RSC. Fig. 189 Straight Eye Sockets are in production and stock to be in place by mid May. Inventory is currently available for Fig. 190 Offset Sockets.



**Fig. 189**  
Straight Eye Socket



**Fig. 190**  
Off-Set Eye Socket

### Literature

Eye Sockets are included in the current pipe hanger price book posted on the Anvil website, and they will be added in the new edition of the hanger catalog that will be completed April. The website submittal and search features will be updated at the same time as the catalog data sheet is released.

Description	AS 400 (Ten Digit)	PH-10.09 PB March 31, 2010 (Revision)	PH-4.10 Catalog	Data Sheet Number
189 3/8 straight EYE SOCKET	0560084402	Discount Sch "A"	April 2010	#115
190 3/8 offset EYE SOCKET	0560084709	Discount Sch "A"	April 2010	#116

Should you have any further questions, please contact me directly,

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BUILDING CONNECTIONS THAT LAST



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### Figure 189 Straight Eye Socket

**Size Range:** 3/4" through 4"

**Material:** Galvanized steel

**Service:** Structural attachment to connect threaded rod to structure.

**Approvals:** FM and cULus listed.

**Installation:**

- Thread rod completely into hanger. Secure rod by tightening jam nut against bottom of hanger.
- Secure hanger to structural member with recommended fasteners.

**Features:**

- Pre-formed threads for easy rod assembly.

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



Description	Pipe Sizes	Rod Size	Max. Load
Straight Eye Socket Hanger	3/4" - 4"	3/8-16 UNC	250 lbs.

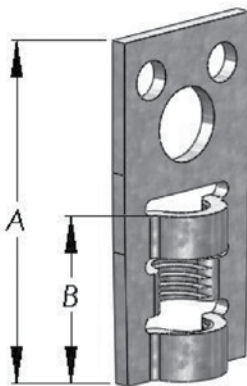


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**FASTENERS**

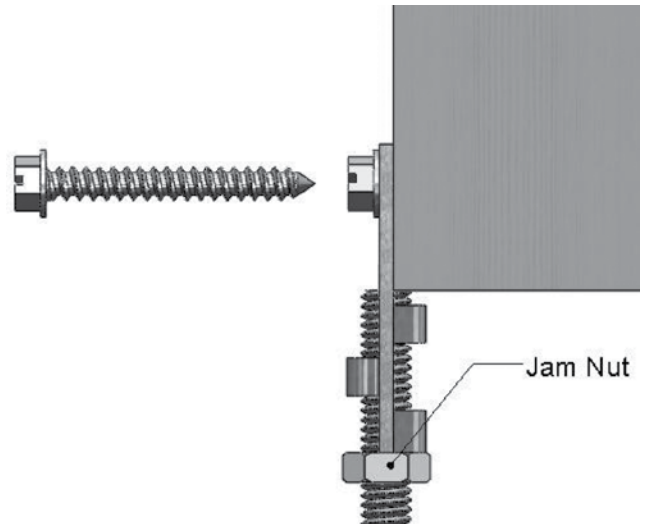
Description	Quantity	Pipe Size
#14 x 2" Wood Screw	2	*3/4" - 2"
1/2" x 3" Lag Screw	*1	3/4" - 4"
3/8-16 UNC Jam Nut	1	3/4" - 4"

\* Lag screw not required for 3/4" - 2" pipe sizes using the alternate option of (2) wood screws.



**FIG. 189: DIMENSIONS (IN)**

A	B
2.28	1.10



**Notes:**

1. For fire protection installation follow the requirements of National Fire Protection Association, NFPA-13 and local codes.
2. To assure proper performance, installer is responsible for:
  - a. Structural integrity of attachment member to safely handle load requirements.
  - b. Securely tightening jam nut on the hanger rod.



### Figure 190 Off-Set Eye Socket

**Size Range:** 3/4" through 4"

**Material:** Galvanized steel

**Service:** Structural attachment to connect threaded rod to structure.

**Approvals:** FM and cULus listed.

**Installation:**

- Thread rod completely into hanger. Secure rod by tightening jam nut against bottom of hanger.
- Secure hanger to structural member with recommended fasteners.

**Features:**

- Pre-formed threads for easy rod assembly.
- Off-set angle provides unlimited vertical adjustment.

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

Description	Pipe Sizes	Rod Size	Max. Load
Off-Set Eye Socket Hanger	3/4" - 4"	3/8-16 UNC	250 lbs.

FASTENERS		
Description	Quantity	Pipe Size
#14 x 2" Wood Screw	2	*3/4" - 2"
1/2" x 3" Lag Screw	*1	3/4" - 4"
3/8-16 UNC Jam Nut	1	3/4" - 4"

\* Lag screw not required for 3/4" - 2" pipe sizes using the alternate option of (2) wood screws.



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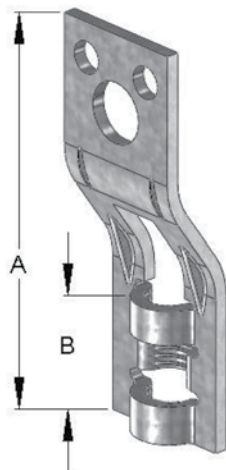
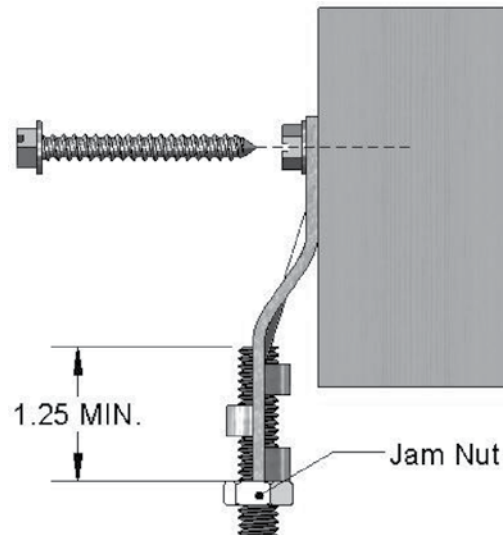


FIG. 190: DIMENSIONS (IN)	
A	B
3.38	1.10



**Notes:**

1. For fire protection installation follow the requirements of National Fire Protection Association, NFPA-13 and local codes.
2. To assure proper performance, installer is responsible for:
  - a. Structural integrity of attachment member to safely handle load requirements.
  - b. Securely tightening jam nut on the hanger rod.