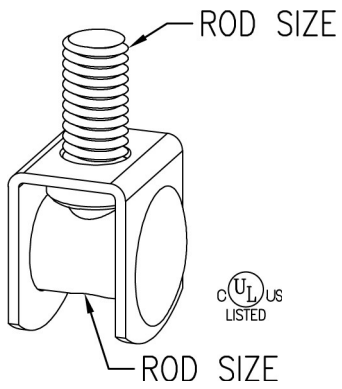
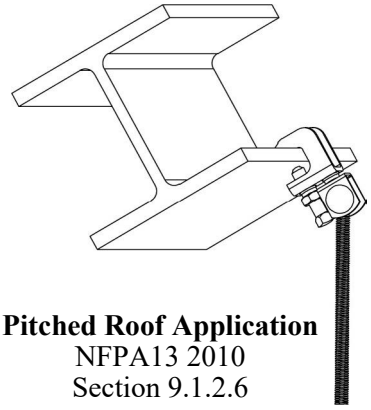
ROD SWIVEL ATTACHMENT — FIG. 020

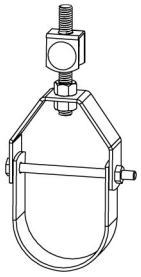
Function: May be used as a branch line restraint for structural attachment. May be used in a pitched or sloped roof application, to meet requirements of NFPA 13, or may be used as an upper attachment with short hanger rod to omit seismic bracing.
Size: 3/8"
Material: Carbon steel
Finish: Electro-galvanized
Install: Insert a #2 screwdriver through the tapped hole to access the head of attachment fastener. Tighten attachment fastener to desired attachment point, then remove screwdriver and thread 3/8-16 threaded rod into Fig. 020.
Approvals: Underwriters' Laboratories Listed in the U.S. (UL) and Canada (CUL).
Ordering: Specify figure number.



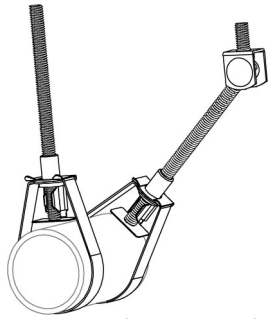
Rod Size	Max. Pipe Size		Max. Rec. Load		Wt. Each	
			lbs.	kN	lbs.	kg
3/8	4	(100)	730	(3.25)	.10	(.05)



Pitched Roof Application
NFPA13 2010
Section 9.1.2.6



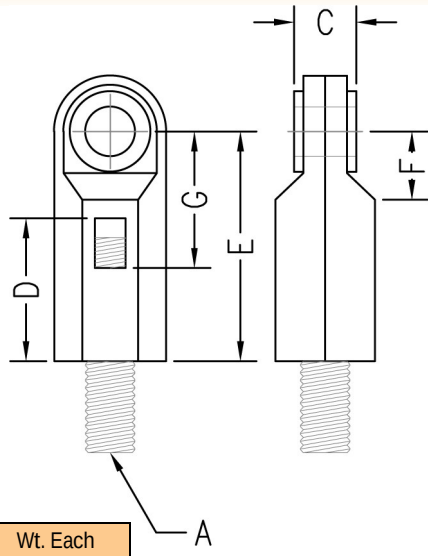
Used as an upper attachment with a short hanger rod to omit seismic bracing



Branch Line Restraint
NFPA13 2010
Section A.9.3.6.1(5)

EXTENSION PIECE — FIG. 25

Function: Designed for attaching hanger rod to various types of attachments. Allows for vertical adjustment of the rod. Frequently used in conjunction with Fig. 630 malleable iron beam clamp.
Material: Malleable iron
Finish: Plain or electro-galvanized
Ordering: Specify figure number, rod size, and finish.



Rod Size A	For Pipe Sizes		B		C		D	
3/8	1/2 to 2	(15 to 50)	1/2	(12.7)	1/2	(12.7)	1 1/4	(31.75)
1/2	2 1/2 to 3 1/2	(65 to 90)	1/2	(12.7)	5/8	(15.88)	1 3/8	(34.93)
5/8	4 & 5	(100 & 125)	1/2	(12.7)	5/8	(15.88)	1 1/2	(38.1)
3/4	6 & 8	(150 & 200)	1/2	(12.7)	5/8	(15.88)	1 3/4	(44.45)
7/8	10 & 12	(250 & 300)	9/16	(14.29)	3/4	(19.05)	1 7/8	(47.63)

Rod Size A	E		F		G		Max. Rec. Load		Wt. Each	
							lbs.	kN	lbs.	kg
3/8	2 1/16	(52.39)	9/16	(14.29)	1 1/4	(31.75)	730	(3.25)	.20	(.09)
1/2	2 5/16	(58.74)	11/16	(17.46)	1 3/8	(34.93)	1350	(6.01)	.43	(.20)
5/8	2 7/16	(61.91)	3/4	(19.05)	1 7/16	(36.51)	1550	(6.89)	.46	(.21)
3/4	2 7/8	(73.03)	7/8	(22.23)	1 11/16	(42.86)	2100	(9.34)	.63	(.29)
7/8	3	(76.2)	7/8	(22.23)	1 3/4	(44.45)	2350	(10.45)	.67	(.30)

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.