

I. Symmetric Tripod (includes NFPA configuration)

Symmetric Tripods are typically used for straight vertical access such as above manholes or access hatches. When straddling a manhole or access hatch, a symmetric tripod's feet are equal distance from the center of the manhole or hatch. All three legs are equally loaded. This is most often the strongest tripod configuration.



Table 1

Symmetric Tripod				Main Plate Head Angle Settings - A/A		
				Half Plate Head Angle Settings - B		
Height	Upper Section Coupling	Lower Section Coupling	Optional Section Coupling	Hobble Length	Breaking Strength	Applicable Standards
4	X7	n/a	n/a	42"	12,200	NFPA, ASTM
5	Y4	n/a	n/a	54"	12,000	NFPA, ASTM
6	X2	n/a	n/a	60"	9,300	NFPA, ASTM
7	Y7	X9	n/a	69"	12,100	NFPA, ASTM
8	X5	X9	n/a	77"	9,400	NFPA, ASTM
9	Y2	X9	n/a	78"	9,300	NFPA, ASTM
10	X1	X9	n/a	70"	7,800	ASTM
11	X6	X9	X1	78"	8,200	ASTM
12	Y3	X9	X1	78"	5,600	ASTM
13	X1	X9	X1	78"	4,600	