

Table H - 5

Rated Capacities for Single Leg Slings Cable Laid Rope-Mechanical Splice Only

7X7X7 and 7X7X19 Construction Galvanized Aircraft Grade Rope

7X6X19 IWRC Construction Improved Plow Steel Grade Rope

Rope		Rated Capacities, ton (2,000 lb.)		
Dia. (inches)	Constr.	Vertical	Choker	Vertical Basket ^{↑1}
1/4	7X7X7	0.50	0.38	1.0
3/8	7X7X7	1.1	0.81	2.2
1/2	7X7X7	1.8	1.4	3.7
5/8	7X7X7	2.8	2.1	5.5
3/4	7X7X7	3.8	2.9	7.6
5/8	7X7X19	2.9	2.2	5.8
3/4	7X7X19	4.1	3.0	8.1
7/8	7X7X19	5.4	4.0	11.0
1	7X7X19	6.9	5.1	14.0
1 1/8	7X7X19	8.2	6.2	16.0
1 1/4	7X7X19	9.9	7.4	20.0
3/4	↑2 7X7X19	3.8	2.8	7.6
7/8	↑2 7X7X19	5.0	3.8	10.0
1	↑2 7X7X19	6.4	5.0	13.0
1 1/8	↑2 7X7X19	7.7	5.8	15.0
1 1/4	↑2 7X7X19	9.2	6.9	18.0
1 5/16	↑2 7X7X19	10.0	7.5	20.0
1	↑2 7X7X19	11.0	8.2	22.0
1 1/2	↑2 7X7X19	13.0	9.6	26.0

^{↑1}These values only apply when the D/d ratio is 10 or greater where: D=dia. of curvature around which the body of the sling is bent. d=dia. of rope. ^{↑2}=IWRC