

Table H - 6

Rated Capacities for Single Leg Slings 8-Part and 6-Part Braided Rope
 6X7 and 6X19 Construction Improved Plow Steel Grade Rope
 7X7 Construction Galvanized Aircraft Grade Rope

Component Ropes		Rated Capacities, tons (2,000 lb.)					
Dia. (in.)	Constr.	Vertical		Choker		Vertical Basket ^{↑1}	
		8-Part	6-Part	8-Part	6-Part	8-Part	6-Part
3/32	6x7	0.42	0.32	0.32	0.24	0.74	0.55
1/8	6X7	0.76	0.57	0.57	0.42	1.3	0.98
3/16	6X7	1.7	1.3	1.3	0.94	2.9	2.2
3/32	7X7	0.51	0.39	0.38	0.29	0.89	0.67
1/8	7X7	0.95	.071	0.71	0.53	1.6	1.2
3/16	7X7	2.1	1.5	1.5	1.2	3.6	2.7
3/16	6X19	1.7	1.3	1.3	0.98	3.0	2.2
1/4	6X19	3.1	2.3	2.3	1.7	5.3	4.0
5/16	6X19	4.8	3.6	3.6	2.7	8.3	6.2
3/8	6X19	6.8	5.1	5.1	3.8	12.0	8.9
7/16	6X19	9.3	6.9	6.9	5.2	16.0	12.0
1/2	6X19	12.0	9.0	9.0	6.7	21.0	15.0
9/16	6X19	15.0	11.0	11.0	8.5	26.0	20.0
5/8	6X19	19.0	14.0	14.0	10.0	32.0	24.0
3/4	6X19	27.0	20.0	20.0	15.0	46.0	35.0
7/8	6X19	36.0	27.0	27.0	20.0	62.0	47.0
1	6X19	47.0	35.0	35.0	26.	8.1	61.0

^{↑1}-These values only apply when the D/d ratio is 20 or greater where: D=Diameter of curvature around which the body of the sling is bent. d=Dia. of component rope.