

Table H - 4
 Rated Capacities for Single Leg Slings
 6X19 and 6X37 Classification Improved Plow Steel Grade Rope with
 Independent Wire Rope Core (IWRC)

Rope		Rated Capacities, tons (2,000 lb.)								
Dia. (in.)	Constr.	Vertical			Choker			Vertical Basket ^{↑1}		
		HT	MS	S	HT	MS	S	HT	MS	S
5/16	6X19	0.81	0.87	0.92	0.61	0.65	0.69	1.6	1.7	1.8
5/16	6X19	0.76	0.79	0.85	0.57	0.59	0.64	1.5	1.6	1.7
3/8	6X19	1.1	1.2	1.3	0.86	0.83	0.98	2.3	2.5	2.6
7/16	6X19	1.5	1.7	1.8	1.2	1.3	1.3	3.1	3.4	3.5
1/2	6X19	2.0	2.2	2.3	1.5	1.6	1.7	3.9	4.4	4.6
9/16	6X19	2.5	2.7	2.9	1.8	2.1	2.2	4.9	5.5	5.8
5/8	6X19	3.0	3.4	3.6	2.2	2.5	2.7	6.0	6.8	7.2
3/4	6X19	4.2	4.9	5.1	3.1	3.6	3.8	8.4	9.7	10.0
7/8	6X19	5.5	6.6	6.9	4.1	4.9	5.2	11.0	13.0	14.0
1	6X19	7.2	8.5	9.0	5.4	6.4	6.7	14.0	17.0	18.0
1 1/8	6X19	9.0	10.0	11.0	6.8	7.8	8.5	18.0	21.0	23.0
1 1/4	6X37	10.0	12.0	13.0	7.9	9.2	9.9	21.0	24.0	26.0
1 3/8	6X37	13.0	15.0	16.0	9.6	11.0	12.0	25.0	29.0	32.0
1 1/2	6X37	15.0	17.0	19.0	11.0	13.0	14.0	30.0	35.0	38.0
1 5/8	6X37	18.0	20.0	22.0	13.0	15.0	17.0	35.0	41.0	44.0
1 3/4	6X37	20.0	24.0	26.0	15.0	18.0	19.0	41.0	47.0	51.0
2	6X37	26.0	30.0	33.0	20.0	23.0	25.0	53.0	61.0	66.0

[↑] These values only apply when the D/d ratio for HT slings is 10 or greater, and for MS and S Slings is 20 or greater where: D=dia. of curvature around which the body of the Sling is bent. d=dia. of rope. HT=Tucked Splice: for Hidden Tuck Splice (IWRC) use Table H-3 values in Ht column. MS=Mechanical Splice. S=Swaged or Zinc Poured Socket.