

Table H-7 (a)

Rated Capacities for 2-Leg and 3-Leg Bridle Slings

6X19 and 6X37 Classification Improved Plow Steel Grade Rope with Fiber Core (FC).

Rope		Rated Capacities, tons (2,000 lb.) 2-Leg Bridle Slings					
Dia. (in.)	Constr.	30°↑1 (60) ↑2		45° angle		60°↑1 (30°) ↑2	
		HT	MS	HT	MS	HT	MS
1/4	6X19	0.85	0.88	0.70	0.72	0.49	0.51
5/16	6X19	1.3	1.4	1.1	1.1	0.76	0.79
3/8	6X19	1.8	1.9	1.5	1.6	1.1	1.1
7/16	6X19	2.5	2.6	2.0	2.2	1.4	1.5
1/2	6X19	3.2	3.4	2.6	2.8	1.8	2.0
9/16	6X19	4.0	4.3	3.2	3.5	2.3	2.5
5/8	6X19	4.8	5.3	4.0	4.4	2.8	3.1
3/4	6X19	6.8	7.6	5.5	6.2	3.9	4.4
7/8	6X19	8.9	10.0	7.3	8.4	5.1	5.9
1	6X19	11.0	13.0	9.4	11.0	6.7	7.7
1 1/8	6X19	14.0	16.0	12.0	13.0	8.4	9.5
1 1/4	6X37	17.0	19.0	14.0	16.0	9.8	11.0
1 3/8	6X37	20.0	23.0	17.0	19.0	12.0	13.0
1 1/2	6X37	24.0	27.0	20.0	22.0	14.0	16.0
1 5/8	6X37	28.0	32.0	23.0	26.0	16.0	18.0
1 3/4	6X37	33.0	37.0	27.0	30.0	19.0	21.0
2	6X37	43.0	48.0	35.0	39.0	25.0	28.0

HT=Hand Tucked Splice MS=Mechanical Splice, ↑1-/vertical angles, ↑2-Horizontal angles.