

SLING REFERENCE CHART

Chain Slings

WORKING LOAD LIMITS (LBS)										
GRADE 100 CHAIN	Single Slings		Double Slings				Triple/Quad Slings			
	90° Angle of Lift		60° Angle		45° Angle		60° Angle		45° Angle	
Size (Inch)	4:1	5:1	4:1	5:1	4:1	5:1	4:1	5:1	4:1	5:1
9/32	4300	3440	7400	5920	6100	4880	11200	8960	9100	7280
5/16	5700	4560	9900	7920	8100	6480	14800	11840	12100	9680
3/8	8800	7040	15200	12160	12400	9920	22900	18320	18700	14960
1/2	15000	12000	26000	20800	21200	16960	39000	31200	31800	25440
5/8	22600	18080	39100	31280	32000	25600	58700	46960	47900	38320
3/4	35300	28240	61100	48880	49900	39920	91700	73360	74900	59920

Working load limits above (in black) are calculated on a 4:1 design factor as per ASME B30.9 specifications
Working load limits above (in red) are calculated on a 5:1 design factor

Web Slings

Class 7 Synthetic Webbing Slings

WORKING LOAD LIMITS (LBS)					
ONE PLY	Type 1, 2, 3 and 4				Type 5
	Vertical 90°	Choker 90°	Vertical Basket 90°	Two Legged 60°	Vertical 90°
Size (Inch)					
1	1600	1280	3200	2800	3200
2	3100	2480	6200	5400	6200
3	4700	3760	9400	8100	9400
4	6200	4960	12400	10700	12400
5	7800	6240	15600	13500	15600
6	9300	7440	18600	16100	18600
8	11750	9400	23500	18300	21150
10	14700	11760	29400	22900	26450
12	17650	14120	35300	27500	31750

The working load limits above are calculated on a 5:1 design factor
THE ABOVE CHART IS IN ACCORDANCE WITH ASME B30.9 SPECIFICATIONS

Round Slings

WORKING LOAD LIMITS (LBS)						
Code	Colour	Vertical 90°	Choker 90°	Basket 90°	Angle 60°	
ML30	PURPLE	2600	2100	5200	4500	
ML40	BLACK	4000	3200	8000	6900	
ML60	GREEN	5300	4200	10600	9200	
ML90	YELLOW	8400	6700	16800	14500	
ML120	TAN	10600	8500	21200	18400	
ML140	RED	13200	10600	26400	22900	
ML170	ORANGE	16800	13400	33600	29100	
ML230	BLUE	21200	17000	42400	36700	
ML260	BROWN	25000	20000	50000	43300	
ML320	GRAY	31000	24800	62000	53700	
ML400	OLIVE	40000	32000	80000	69300	
ML540	ORANGE	53000	42400	106000	91800	
ML680	ORANGE	66000	52800	132000	114300	
ML900	ORANGE	90000	72000	180000	155900	

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Class 7 Synthetic Webbing Slings

WORKING LOAD LIMITS (LBS)					
TWO PLY	Type 1, 2, 3 and 4				Type 5
	Vertical 90°	Choker 90°	Vertical Basket 90°	Two Legged 60°	Vertical 90°
Size (Inch)					
1	3100	2480	6200	5400	6200
2	6200	4960	12400	10700	12400
3	8800	7040	17600	15200	17600
4	11000	8800	22000	19100	22000
5	13700	10960	27400	23700	27400
6	16500	13200	33000	28600	33000
8	22750	18200	45500	36700	42350
10	28400	22720	56800	45800	52900
12	34100	27280	68200	55000	63500

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Wire Rope Slings

6 x 19 or 6 x 36 Classification, EIPS, IWRC Wire Rope

WORKING LOAD LIMITS (LBS)							
Flemish Eye Splice	Vertical Lift	Choker Hitch	Basket Hitch	2 Part Bridle Sling		4 Part Bridle Sling	
	90° 	90° 	90° 	60°		45°	
Size (Inch)							
1/4	1300	960	2600	2200	1820	4400	3600
5/16	2000	1480	4000	3400	2800	7000	5600
3/8	2800	2200	5800	5000	4000	10000	8200
7/16	3800	2800	7800	6800	5400	13400	11000
1/2	5000	3800	10200	8800	7200	17600	14200
9/16	6400	4800	12800	11000	9000	22000	18000
5/8	7800	5800	15600	13600	11000	28000	22000
3/4	11200	8200	22000	19400	15800	38000	32000
7/8	15200	11200	30000	26000	22000	52000	42000
1	19600	14400	40000	34000	28000	68000	56000
1-1/8	24000	18200	48000	42000	34000	84000	68000
1-1/4	30000	22000	60000	52000	42000	102000	84000
1-3/8	36000	26000	72000	62000	50000	124000	100000
1-1/2	42000	32000	84000	74000	60000	146000	120000
1-3/4	56000	42000	114000	98000	80000	196000	160000
2	74000	56000	146000	126000	104000	254000	208000

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WARNING: Read warnings and use limitations before rigging. Never exceed working load limits.