

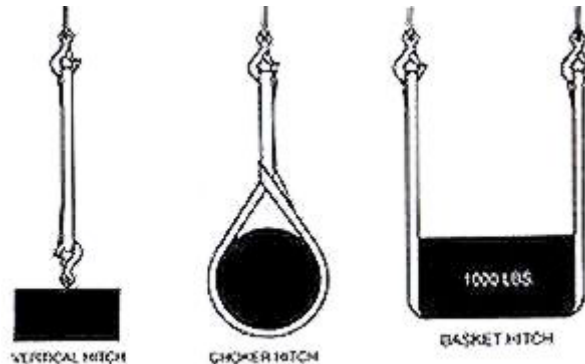
Rated Capacity for Slings

Angle Degrees	Factor	Rated Capacity
90	1.0000	<p>The rated capacities of the slings in this Web Site are given in pounds. Refer to the maximum recommended weight for which the sling is to be used in one of the standard types of lifts as illustrated.</p> <p>Effect of Angle</p> <p>When slings are used at an angle (i.e. two slings or one sling in a basket attached to only one crane hook), sling capacity is reduced. How much it is reduced depends on the degree of the angle. You can determine whether a sling will be rated high enough if you know the angle between the sling leg and the horizontal. Once you know this angle, multiply the sling's rating by the appropriate factor to the table. This will give you the sling's reduced rating.</p>
85	0.9962	
80	0.9848	
75	0.9659	
70	0.9397	
65	0.9063	
60	0.8660	
55	0.8192	
50	0.7660	
45	0.7071	
40	0.6528	
35	0.5736	
30	0.5000	
25	0.4226	
20	0.3420	
15	0.2588	

Sling Capacity Decreases as the Angle Increases



A sling capable of lifting 1000 lbs. in a 30 degree vertical basket hitch, can only lift 866 lbs. at a 30 degree angle, 707 lbs. at a 45 degree angle, and 500 lbs. at a 60 degree angle.



Caution - Do Not Exceed Rated Capacities