

SLING HITCHES

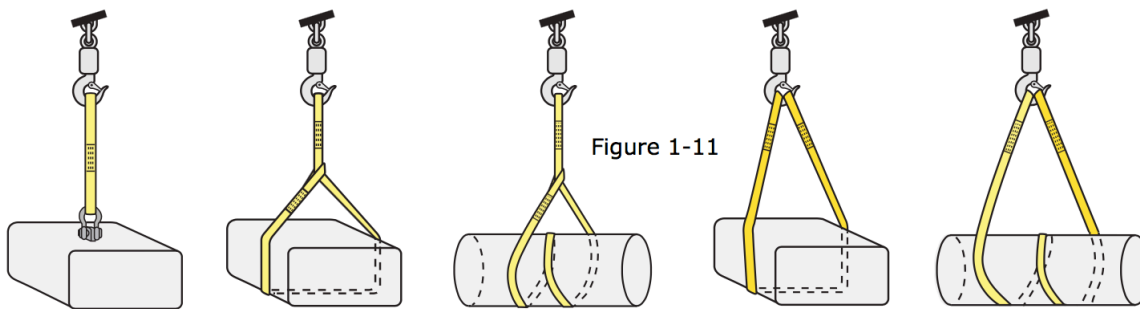
Hitch/Vertical - A method of rigging in which the load is attached to one end of the web sling and the other end of the web sling is attached to the handling or lifting device. (See Figure 1-11).

Hitch/Choker - A method of rigging in which the web sling is passed around the load, fed back through itself, and then attached to the handling or lifting device. (See Figure 1-11).

Hitch/Double Wrapped Choker - A method of rigging similar to Hitch/Choker except that the web sling is passed around the load twice. (See Figure 1-11).

Hitch/Basket - A method of rigging in which the web sling is passed around the load and both ends are attached to the handling or lifting device(s). (See Figure 1-11).

Hitch/Double Wrapped Basket - A method of rigging similar to Hitch/Basket except that the web sling is passed around the load twice. (See Figure 1-11).



Rated Capacity of Choker Hitch - When the angle of choke is less than 120 degrees, the sling choker hitch capacity is affected. To determine the actual choker capacity at a given angle of choke, multiply the sling choker rating by the appropriate Choke Reduction Factor found in Table 4-4. (See Figure 4-2).

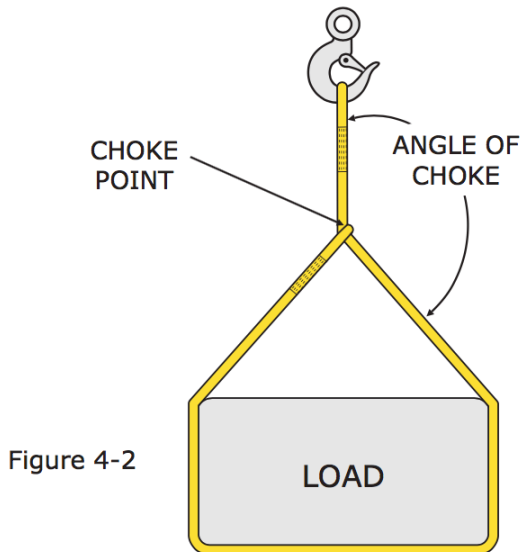


Table 4-4 Rated Capacity of Choker Hitch

Angle of Choke (Degrees)		Angle of Choke Reduction Factor
Equal to or greater than	Less than	
120	180	1.00
105	120	0.82
90	105	0.71
60	90	0.58
0	60	0.50

WARNING

Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.