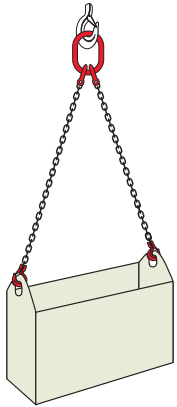


Crosby® Kuplex®

Methods of Slings

Two Leg Slings

1. Straight lift



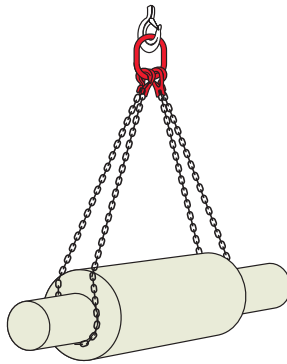
WLL: Under normal conditions the WLL will be the WLL for a two leg sling.

2. Choke hitch



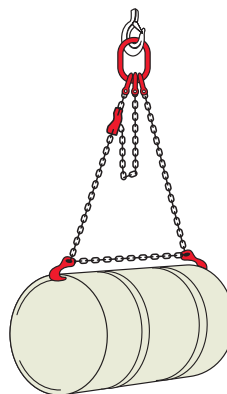
WLL: The WLL should be no more than 80% of the WLL for a two leg reeved sling.

3. Basket hitch



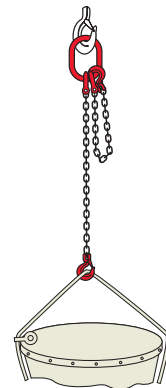
WLL: Rate as a two leg sling. The angle of any leg should not exceed 45° from the vertical.

4. Drum sling



WLL: Should be rated as a single leg sling.

5. Two leg sling – with only one leg in use



WLL: Rate at half the working load marked on the sling. The WLL should be no more than 80% if used in choke hitch.

Comment: In example 3, basket hitch - the sling assumes the appearance of a four leg sling but it should be noted that the master link will be designed for two leg loads only and the sling should therefore, be rated as a two leg.

Comment: In example 4, drum sling - in this configuration the included angle should be maintained as close as possible to 60° (30° from vertical).

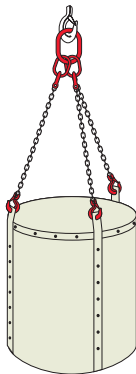
If, therefore, drums of different lengths are lifted, a Crosby KUPLEX Shortening Clutch should be fitted so that the length of chain can be adjusted to maintain this angle.

Comment: In example 5, two leg sling with only one leg in use ensure the unused leg is hooked back out of harms way.

Three Leg Slings

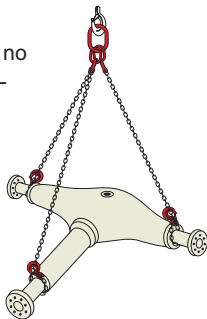
1. Straight lift

WLL: under normal conditions the WLL will be the WLL for three leg slings.



2. Choke hitch

WLL: The WLL should be no more than 80% of the WLL for a four leg sling.

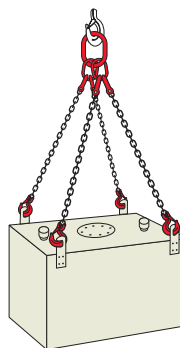


Comment: Rate as indicated only in cases where the load appears to be reasonably equally distributed between all three legs. If two are obviously supporting most of the load, rate at 2/3 of the marked working load.

Four Leg Slings

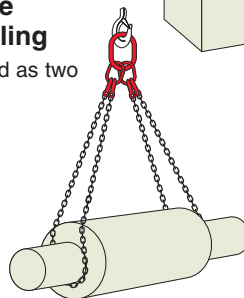
1. Straight lift

WLL: under normal conditions the WLL will be the WLL for four leg slings.



3. Double basket sling

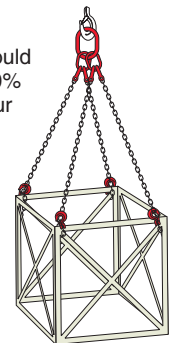
WLL: Rated as two leg sling.



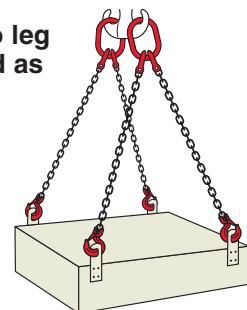
Comment: This applies to double basket slings designed as such and fitted with a KUPLEX Master Assembly strong enough for this duty. It does not apply to a back-hooked two leg sling. The maximum included angle should be 90° measured between diagonally opposite legs, or maximum 45° from vertical.

2. Choke hitch

WLL: The WLL should be no more than 80% of the WLL for a four leg sling.



4. Two, two leg slings used as four leg



WLL: The WLL should be no more than that applicable to an equivalent four leg sling.

Comment: Refer to comments on page 443 for slings used in pairs.