

Crosby® Kuplex®

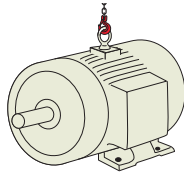
Methods of Slinging

Single Leg Slings

1. Straight lift

WLL: Under normal conditions the WLL will be the WLL for single leg slings.

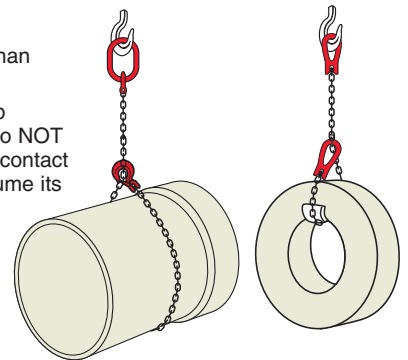
Comment: A suitable method of lifting an effectively balanced load from a single lifting point.



2. Choke lift

WLL: The WLL should be no more than 75% of the WLL for single leg slings.

Comment: This method forms a loop which tightens as the load is lifted. Do NOT attempt to force the bight into closer contact with the load. Allow the chain to assume its natural angle. Single leg slings in choke hitch are not suitable for lifting long loads which might tilt or for any load which is not effectively balanced in the single loop.

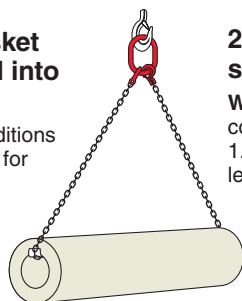


Single Leg Slings in Basket Hitch

1. Single leg in basket hitch (back hooked into top link)

WLL: Under normal conditions the WLL will be the WLL for single leg slings.

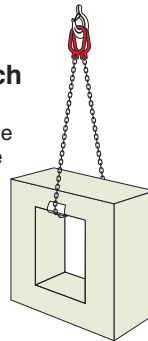
Comment: A single leg sling, back hooked to form a basket hitch, assumes the appearance of a two leg sling but it should never be rated as such. It should be noted that the master link is only designed for single leg loading and, therefore, the single leg WLL should never be exceeded. The included angle should not be allowed to exceed 90°.



2. Reeveable collar sling in basket hitch

WLL: Under normal conditions the WLL will be 1.41 x the WLL for single leg slings.

Comment: The included angle should not be allowed to exceed 90°.

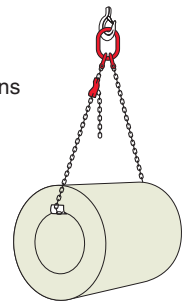


3. Single adjustable basket sling

WLL: Under normal conditions the WLL will be the WLL for single leg slings.

Comment: It would be advisable to fit a master link suitable for two leg rating in spite of the single leg rating of this type of sling. The included angle must not be allowed to exceed 120°.

If a 2 leg masterlink is used and the sling is a controlled angle of maximum 90° included the 2 leg rating can apply.

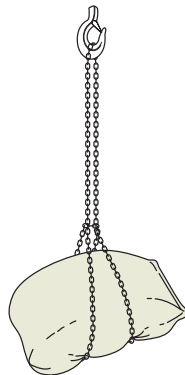


Endless Slings

1. Choked endless

WLL: Under normal conditions the WLL will be the WLL for endless slings.

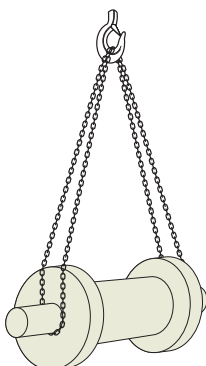
Comment: There is no need to de-rate in this instance by virtue of the choked configuration.



2. Double endless

WLL: Under normal conditions the WLL will be the WLL for endless slings.

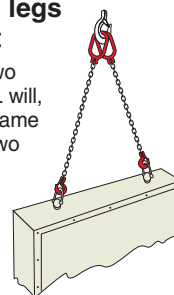
Comment: The maximum included angle between diagonally opposite legs should not exceed 90°.



Two Single Leg Slings Used Together

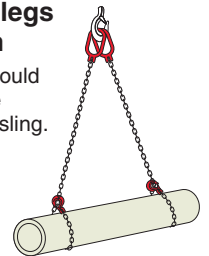
1. Two single legs in straight lift

WLL: Rate as a two leg sling. The WLL will, therefore, be the same as an equivalent two leg sling.



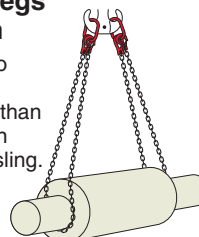
2. Two single legs in choke hitch

WLL: The WLL should be the WLL for the equivalent reeved sling.



3. Two single legs in basket hitch

WLL: Rate as a two leg sling. The WLL should be no more than that applicable to an equivalent two leg sling.



Comment: Two single leg slings should not be used together to form a pair unless:

- They are of the same type, grade, size and length.
- They are both marked with the same WLL.
- The included angle between the two legs does not exceed 120° (measured between diagonally opposite legs in example 3).
- The crane hook is large enough to comfortably accept both upper terminal fittings of the slings.