

# Crosby® Grade 80 Chain Sling Configurations

## HOW TO MAKE YOUR CROSBY® GRADE 80 ALLOY CHAIN SLING

Follow these simple steps in making a sling assembly:

1. Determine the maximum load to be lifted by the sling assembly.
2. Choose the type of sling assembly suited for the shape of the load and the size of the sling assembly for the load to be lifted. The decision must take into account the angle of the sling legs in multileg slings.
3. Determine the overall reach from bearing point of master link to bearing point on hook (see Fig. 1).
4. Select components, assemble chain and components.
5. Affix sling identification tag to sling. The tag is available from your Authorized Crosby Distributor.

Each sling shall be marked to show: name or trademark of manufacturer, grade, nominal chain size, number of legs, rated load for the type(s) of hitch(es) used and angle upon which it is based (reach).

If measurement comes in the link, cut the following link. For two leg slings, count the links and use an even number for clevis hooks



Fig. 1

and an odd number for eye hooks. This will position hooks in the same plane. In multileg slings always use the same number of links in each leg.

When using chain slings in choker applications, the Working Load Limit must be reduced by 20%. Crosby recommends a minimum angle of choke of 120 degrees. Consult Crosby when planning to use an angle of choke of less than 120 degrees. If Crosby A-1338 cradle grab hooks are used at a minimum angle of choke of 120 degrees, the full sling rated WLL can be utilized.



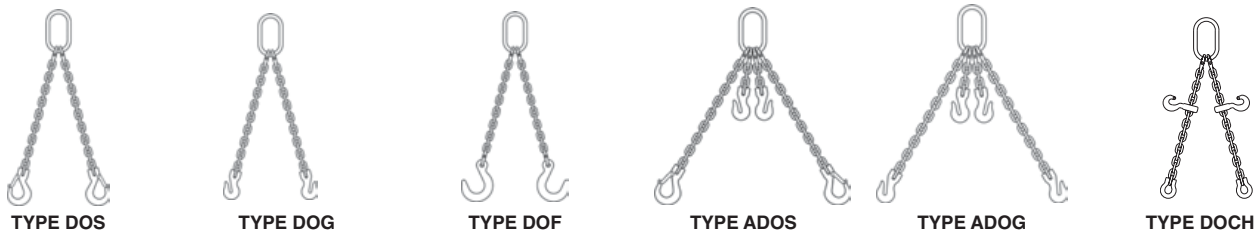
In shortening applications, a 20% reduction of the Working Load Limit is required except when using the Crosby A-1338 Cradle Grab Hooks, S-1311 Chain Shortener Link, the A-1355 Chain Choker Hook in conjunction with the S-1325 Chain Coupler Link, or the Crosby **ELIMINATOR®** shortener link. They can be used without any reduction to the Working Load Limit.



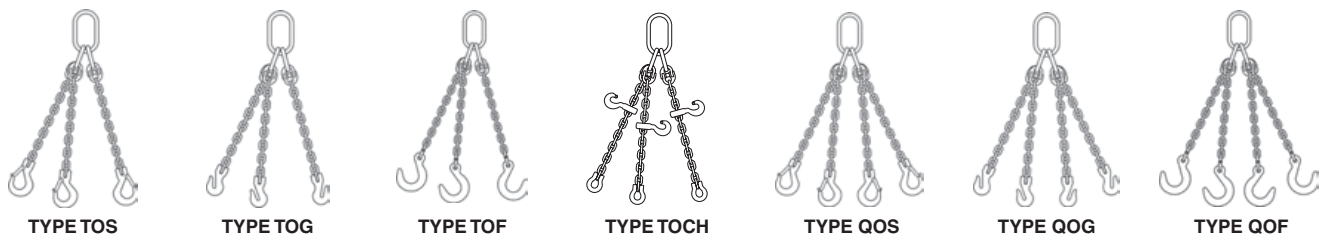
The Slings shown here are standard assemblies that can be made from "Proof Tested" Crosby Components and Alloy Chain supplied by your authorized Crosby distributor. Assemblies must include chain sling identification tag (not shown, see page 238).



Type	Description	Type	Description
CO	Single Chain Sling with Master Link each end	SGS	Single Chain Sling with Grab Hook and Sling Hook
SOS	Single Chain Sling with Master Link and Sling Hook	ASOS	Adjustable Single Chain with Master Link and Sling Hook
SOG	Single Chain Sling with Master Link and Grab Hook	ASOF	Adjustable Single Chain Sling with Master Link and Foundry Hook
SOF	Single Chain Sling with Master Link and Foundry Hook	ASOG	Adjustable Single Chain Sling with Master Link and Grab Hook
SSS	Single Chain Sling with Sling Hook each end	SOCH	Single with 1355 Choker



Type	Description	Type	Description
DOS	Double Chain Sling with Master Link and Sling Hook	ADOS	Adjustable Double Chain Sling with Master Link and Sling Hook
DOG	Double Chain Sling with Master Link and Grab Hook	ADOG	Adjustable Double Chain Sling with Master Link and Grab Hook
DOF	Double Chain Sling with Master Link and Foundry Hook	DOCH	Double with 1355 Choker



Type	Description	Type	Description
TOS	Triple Chain Sling with Master Link and Sling Hook	QOS	Quadruple Chain Sling with Master Link and Sling Hook
TOG	Triple Chain Sling with Master Link and Grab Hook	QOG	Quadruple Chain Sling with Master Link and Grab Hook
TOF	Triple Chain Sling with Master Link and Foundry Hook	QOF	Quadruple Chain Sling with Master Link and Foundry Hook
TOCH	Triple Chain Sling with 1355 Choker		