

Welded Chain Slings

Welded Chain Slings – the Traditional System

Welded chain slings are manufactured at our factory to your specifications to meet your lifting needs. Through the use of serial numbers, Peerless maintains full traceability of manufactured products should the welded chain sling require servicing or for inspection. The rated capacity of a sling cannot be altered since its welded construction prevents on site tampering.

Peerless welded chain slings are available with special attachments such as stirrup, plate, 'J' hooks, die pins and hooks, lifting tong, shackles and other custom devices. Contact us directly for information regarding a custom chain sling build to your specifications or complete the online form at www.peerlesschain.com/custom-order-forms/custom-chain-slings.

Peerless Chain Grades 80 and 100, Welded Chain Slings and Components meet or exceed all existing OSHA, Federal, NACM and ASTM (ASTM A906/A906M) chain specifications requirements.

Mechanical Chain Slings

Mechanical Chain Slings – the Flexible System

Mechanical Chain Slings save on costly down time since they can be repaired and altered on site. No more waiting for shipments. No more returning slings for factory repairs. Service is as close as your nearest Peerless distributor. Components are manufactured under rigid quality control standards and meet or exceed the capacity of Grade 80/100 chain.

MECHANICAL SLING ADVANTAGES

- Eliminates all protrusions and the possibility of catching or snagging.
- Exclusive Spirol retaining pins receive no load. These spring steel pins are used solely as a retention device.
- The clevis portion of the components act as a built in gauge and will accept only the proper chain link size.
- Every component has forged markings indicating the chain size to be used with it.

INFORMATION FOR CALCULATING CHAIN LENGTH

Single Leg Type: If the measurement comes within the link, the following link is cut. Reach given should be minimum.

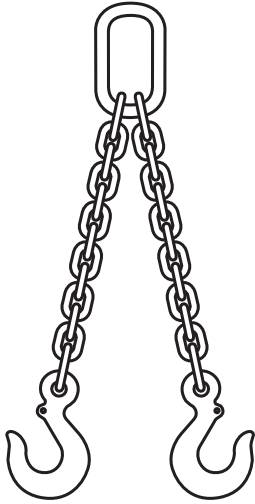
2 Leg Type: The required chain length is measured and cut (same as single leg). The first and last links should lie in opposite planes – this allows hooks and attachments to point away from the load. Cut the second leg with the same number of links.

3 & 4 Leg Type: The cutting length is measured and number of links counted. Must be an odd number of links (due to secondary links on Master Link Assembly) so hooks hang on correct plane, pointing out. Chain lengths for additional legs are cut with the same number of links. If the reach is over five feet (1.52m), add the difference to the figures in "Cut Chain Length Needed for 5' Reach" column found in the tables on the next few pages. If reach is less than five feet (1.52m), subtract the difference. A metal tag showing the sling reach will be attached to the sling.

EXAMPLE: Required reach – 8 ft. (2.44m) | Sling type and size – CO 9/32" (7mm) chain | Add 3 feet (0.92m)(reach over 5' (1.52m) to figure shown in chart under Type SOO – 9/32" (7mm) chain is 4' 1" (1.14m). | 7' 1" (2.16m) = cut chain length for 8' (2.44m) reach.

Alloy Chain Slings

Types of Chain Slings



WELDED
(DOS)



MECHANICAL
(SOS)

Attachments		
Type	One End	Opposite End
Single Chain Slings		
SOS	Oblong Link	Sling Hook
SOG	Oblong Link	Grab Hook
SGS	Grab Hook	Sling Hook
SGG	Grab Hook	Grab Hook
SSS	Sling Hook	Sling Hook
SOF	Oblong Link	Foundry Hook
SOO	Oblong Link	Oblong Link
Double Chain Slings		
DOS	Oblong Link	Sling Hooks
DOG	Oblong Link	Grab Hooks
DOF	Oblong Link	Foundry Hooks
Triple Chain Slings		
TOS	Oblong Link	Sling Hooks
TOG	Oblong Link	Grab Hooks
TOF	Oblong Link </td <td>Foundry Hooks</td>	Foundry Hooks
Quadruple Chain Slings		
QOS	Oblong Link	Sling Hooks
QOG	Oblong Link	Grab Hooks
QOF	Oblong Link	Foundry Hooks

Determining the Proper Chain Sling

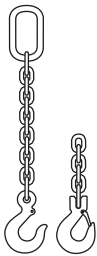
To select the proper chain sling for lifting, the weight and configuration of the load to be lifted must first be determined. Then, the following information is needed.

- 1. TYPE:** According to the weight and configuration of the load, determine the type of chain sling required from the table above.
- 2. SIZE:** This is specified by the size of the material from which the chain is made, determined by working load limit required. Be sure to consider the angle of lift.
- 3. REACH:** This is the length, including attachments, from bearing point to bearing point.

When hot galvanizing is specified our recommended working load limits must be reduced. Please contact us with all such inquires.



SOO



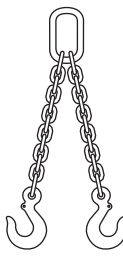
SOS or SOSH



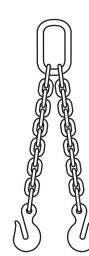
SOG



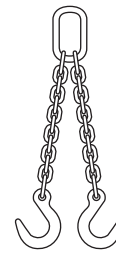
SOF



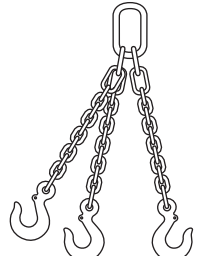
DOS



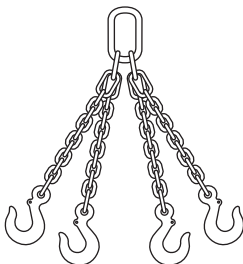
DOG



DOF



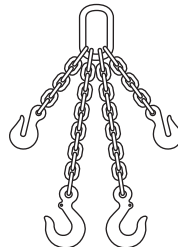
TOS



QOS



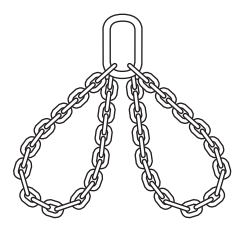
Adjustable Single



Adjustable Double



Single Endless Basket



Double Endless Basket



DO NOT EXCEED CAPACITY!
See the CAUTIONS & WARNINGS section before using these products. Pages 134-145.