



# CHAIN PRODUCTS

## Alloy Chain Slings

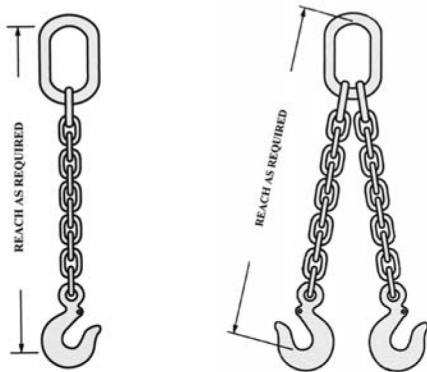


### Types of Chain Slings

**ALLOY CHAIN** - the components used in welded or mechanical slings meet or exceed all existing OSHA, Federal NACM, ASTM and ISO chain specification requirements. Certificates for OSHA and internal record requirements are available upon request.

The **WORKING LOAD LIMITS** are based on a 4:1 design factor required by the International Standards Organization (ISO). Should an extreme load actually deform the chain, it will stretch (elongate) a minimum of 15% before breaking. An embossing of the chain link allow for easy identification of Alloy Chain.

While **Grade 80** is the more commonly used, **Grade 100** usage is increasing.



	Type	One End	Other End
<b>Single Chain Sling</b>	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
<b>Double Chain Slings</b>	SOO	Oblong Link	Oblong Link
	DOS	Oblong Link	Sling Hooks
	DOG	Oblong Link	Grab Hooks
<b>Triple Chain Slings</b>	DOF	Oblong Link	Foundry Hooks
	TOS	Oblong Link	Sling Hooks
	TOG	Oblong Link	Grab Hooks
<b>Quadruple Chain Slings</b>	TOF	Oblong Link	Foundry Hooks
	QOS	Oblong Link	Sling Hooks
	QOG	Oblong Link	Grab Hooks
	QOF	Oblong Link	Foundry Hooks

### The following information is required to process an order or an inquiry:

- **SIZE & GRADE:** This is specified by the size of the material from which the chain is made and is dependent upon the working load limit required.
- **REACH:** This is the length, including attachments, measured from bearing point to bearing point.
- **TYPE:** Select and specify the proper type of sling from the list below. (ex. S - Single O - Oblong Link S - Sling Hook).
- **ATTACHMENTS:** Unless otherwise specified standard master links and hooks as given herein will be used. When other than standard attachments are required, we should be given a complete description or a drawing of the requested substitute.

### WELDED CHAIN SLINGS:

We maintain the specification of each welded sling on file under a unique registration serial number for inspection or should the chain require servicing. The rated capacity of a welded sling cannot be altered since its welded construction prevents on site tampering. Welded slings can be fabricated to your specific needs and are available with a variety of special end attachments.

### MECHANICAL CHAIN SLINGS:

This flexible system saves on costly down time, since they can be repaired or altered on site. Components are manufactured under rigid quality control standards and meet or exceed the capacity of Grade 80 Chain.

Every component has forged marking indicating the alloy chain size to be used with it.



### Warning !

- ASME B30.9.1 requires all new components of alloy lifting chain assemblies to be proofloaded prior to their initial use.
- ASME B30.9.1 requires all repaired alloy lifting chain assemblies incorporating previously used components to be proofloaded prior to their initial use.
- When hot galvanized chain is specified, the recommended work load limits **MUST** be reduced.
- Please refer such inquiries to our nearest Branch Manager.