

CHAIN SLINGS

CHAIN SLINGS

INSPECTION, CARE AND PROPER USE OF CHAIN SLINGS

INSTRUCTIONS REGARDING ATTACHMENTS

Where attachments, such as hooks or rings, are designed for use with chain in sustaining loads, care should be taken to select type, grade and size recommended. Attachments shall be rated to the capacity of the weakest component. Volunteer Wire Rope & Supply Co., Inc. offers a full line of Alloy sling components engineered specifically to be compatible with our chain products.



CAUTIONS AND WARNINGS

The use of chain is subject to certain hazards that cannot be met by mechanical or manufacturing means, but only by the exercise of intelligence, care, and common sense. Sling use is subject to OSHA safety regulations, requiring the user to conduct safe working practices and perform inspections.

NEVER EXCEED THE WORKING LOAD LIMIT OF CHAIN FOR ANY REASON !

Volunteer Wire Rope & Supply Co., Inc. denies any liability for damage which may result from use in excess of the working load limit. Any abuse or misuse of the product may lessen the load the product will withstand. Some examples of such changes or abuses are:

- Overloading or previous overload,**
- Twisting,**
- Bending, especially over sharp corners or edges,**
- Gouges, nicks, kinks, or pressure marks,**
- Shock loading, or**
- Use in chemically active environments.**



Additional cautions and instructions pertaining to sling use are:

- **Do not rest load on chain.**
- **Inspect load at contact with hooks to be sure the load is properly seated within the throat opening.**
- **Balance the load. Unbalanced loads can put too much stress on one leg of multiple chain slings.**
- **Never bounce or jerk load when lowering or lifting.**
- **Never force or hammer hooks or chain into position.**
- **Store chain slings in a clean dry area, preferably by hanging on racks or walls rather than placing slings on floors where they are subject to abuse.**
- **Never anneal alloy slings. Return sling to factory for proper repair procedures.**
- **Do not use in acid solutions. Consult manufacturer for recommendations.**
- **Clean chain slings regularly as dirt and grit can cause wear at link bearing points**
- **A link-by-link inspection will afford an opportunity to discover deep gouges, distortion, spread in the throat opening of hooks and damage to master links and coupling links. An inspection can also detect elongation of the legs themselves (i.e. reach) and should also include a link-by-link inspection to uncover individual link wear.**

OSHA REQUIRES THAT ANY CHAIN SLING WHICH HAS EXPERIENCED TEMPERATURES IN EXCESS OF 1000 DEGREES FAHRENHEIT BE REMOVED FROM SERVICE.

CHAIN SLINGS ORDERING INFO

CHAIN SLINGS

ORDERING INFORMATION

PLEASE USE INFORMATION BELOW WHEN ORDERING CHAIN SLINGS.

STYLE CODES

SINGLE SLINGS

VCO	OBLONG MASTER LINK EACH END
VSOS	OBLONG MASTER LINK ONE END & SLIP HOOK OTHER END
VSOG	OBLONG MASTER LINK ONE END & GRAB HOOK OTHER END
VSSG	SLIP HOOK ONE END & GRAB HOOK OTHER END
VSSS	SLIP HOOK EACH END
VSOF	OBLONG MASTER LINK ONE END & FOUNDRY HOOK OTHER END

DOUBLE SLINGS

VDOS	OBLONG MASTER LINK ONE END & SLIP HOOKS OTHER ENDS
VDOG	OBLONG MASTER LINK ONE END & GRAB HOOKS OTHER ENDS
VDOF	OBLONG MASTER LINK ONE END & FOUNDRY HOOKS OTHER ENDS

TRIPLE SLINGS

VTOS	OBLONG MASTER LINK ONE END & SLIP HOOKS OTHER ENDS
VTOG	OBLONG MASTER LINK ONE END & GRAB HOOKS OTHER ENDS

QUADRUPLE SLINGS

VQOS	OBLONG MASTER LINK ONE END & SLIP HOOKS OTHER ENDS
VQOG	OBLONG MASTER LINK ONE END & GRAB HOOKS OTHER ENDS

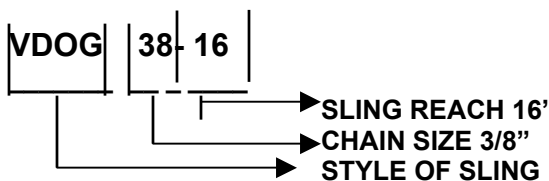
CHAIN SIZE CODES

9/32"	14-
5/16"	516-
3/8"	38-
1/2"	12-
5/8"	58-
3/4"	34-
7/8"	78-
1"	100-
1 1/4"	125-

LENGTH CODES

LENGTH CODES ARE EQUAL TO THE DESIRED LENGTH
12' = 12, 6' = 6 ETC.

SAMPLE OF ORDERING CODE



IF YOU NEED HELP IN ORDERING, ASK YOUR SALES REPRESENTATIVE. THEY WILL BE MORE THAN HAPPY TO ASSIST YOU.

WARNING

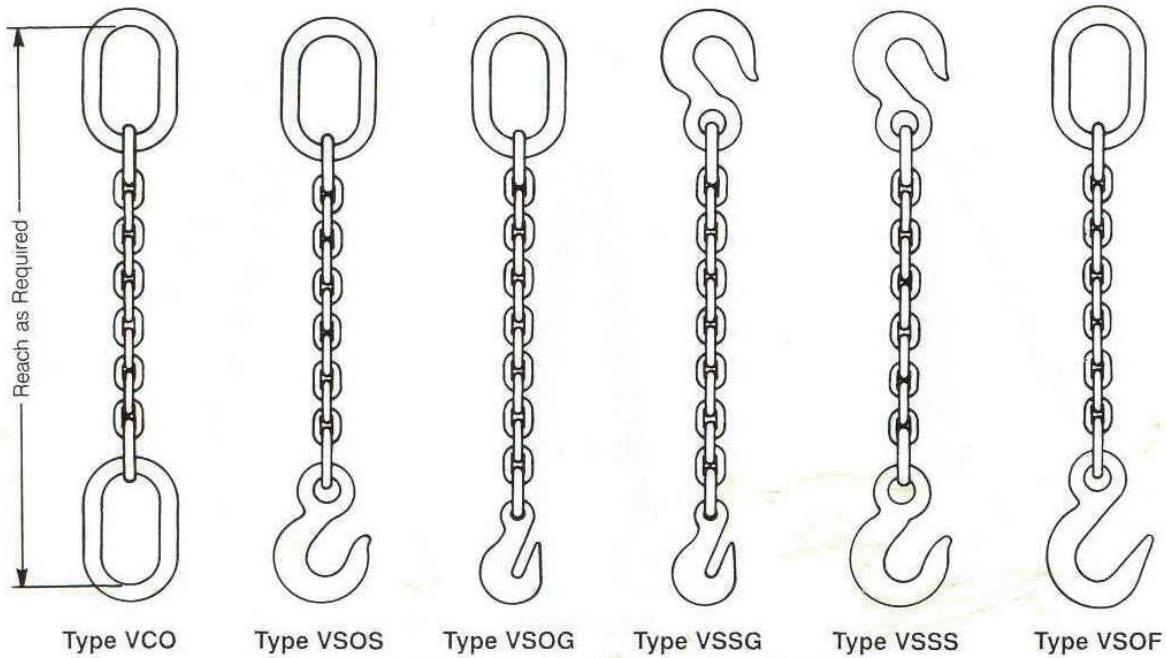
To prevent the possibility of serious bodily injury:

- DO NOT EXCEED the working load limits for chain or components.
- DO NOT USE if the chain or components are visibly distorted or worn.

SINGLE CHAIN SLINGS

CHAIN SLINGS

SINGLE TYPES: VS AND VC



Other configurations available. Ask your sales representative.

Specifications and Working Load Limits

Oblong Master Link, Inches Dimensions are approximate.				
Chain Size Inches	Nominal Size Material	Inside Width	Inside Lgth.	Working Load Limit Pounds
9/32	1/2	2-1/2	5	3500
3/8	3/4	3	6	7100
1/2	1	4	8	12000
5/8	1	4	8	18100
3/4	1-1/4	5	10	28300
7/8	1-1/2	6	12	34200
1	1-3/4	6	12	47700
1-1/4	2	7	14	72300

WARNING

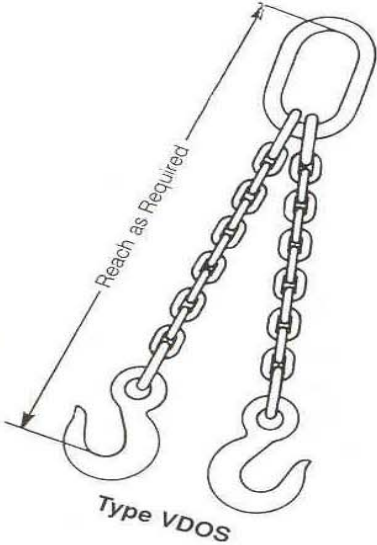
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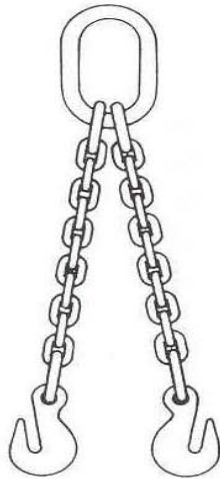
DOUBLE CHAIN SLINGS

CHAIN SLINGS

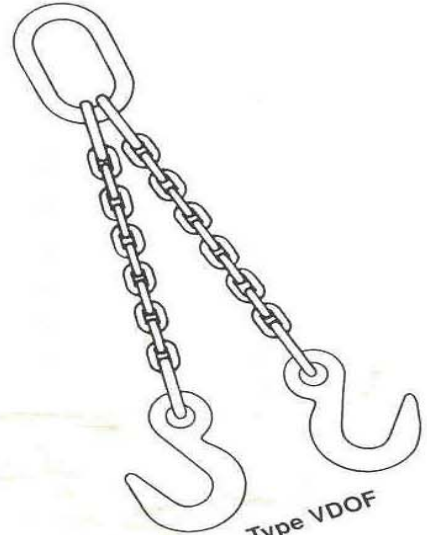
DOUBLE TYPE: VD



Type VDOS



Type VDOG



Type VDQF

Other configurations available. Ask your sales representative.

Specifications and Working Load Limits

Dimensions are approximate. Double chain slings are available in other combinations.				Working Load Limit*		
				 Double at 60°	 Double at 45°	 Double at 30°
Oblong Master Link, Inches				Pounds	Pounds	Pounds
Chain Size Inches	Nominal Size Material	Inside Width	Inside Lgth.			
9/32	1/2	2-1/2	5	6100	4900	3500
3/8	3/4	3	6	12300	10000	7100
1/2	1	4	8	20800	17000	12000
5/8	1-1/4	5	10	31300	25600	18100
3/4	1-1/2	6	12	49000	40000	28300
7/8	1-3/4	6	12	59200	48400	34200
1	2	7	14	82600	67400	47700
1-1/4	2-1/4	8	16	125200	102200	72300

Important Terms

Working Load Limit. This is the maximum load in pounds which should be applied to the chain in service. MANUFACTURER DOES NOT ACCEPT ANY LIABILITY FOR DAMAGES WHICH MAY RESULT FROM CHAIN USED IN EXCESS OF THE WORKING LOAD LIMIT.

Proof Test. A term designating a quality control tensile test applied to the chain during or subsequent to the process

of manufacture. It is the minimum force in pounds which the chain has withstood IN THE CONDITION AT THE TIME IT LEFT THE FACTORY, under a test in which a constantly increasing force has been applied in direct tension to a straight length of chain on a standard testing machine.

⚠ WARNING

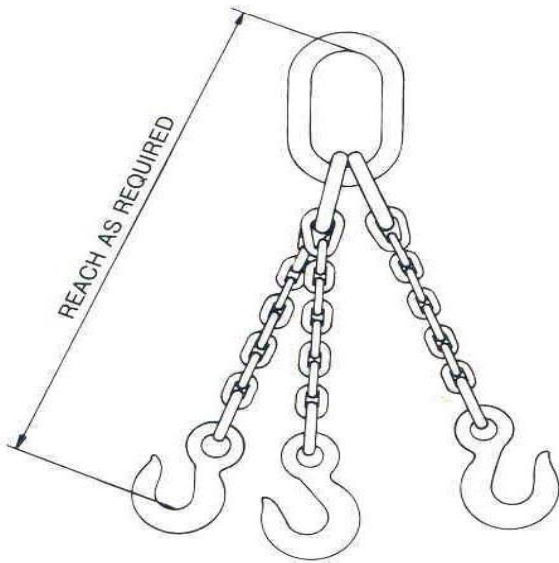
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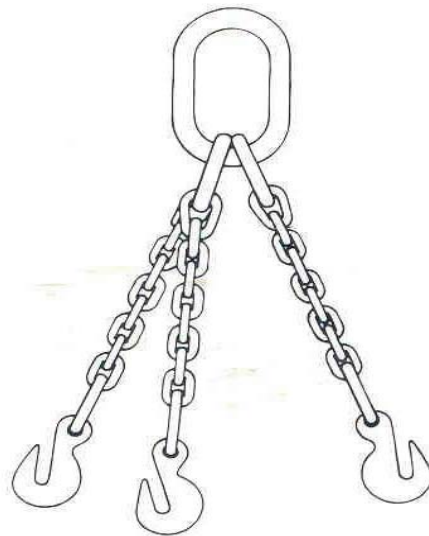
TRIPLE CHAIN SLINGS

CHAIN SLINGS

TRIPLE TYPE: VT






Type VTOS



Type VTOG

Other configurations available. Ask your sales representative.

Specifications and Working Load Limits

Dimensions are approximate. Triple chain slings are available in other combinations.				Working Load Limit*		
				 Triple at 60°	 Triple at 45°	 Triple at 30°
Oblong Master Link, Inches				Pounds	Pounds	Pounds
Chain Size Inches	Nominal Size Material	Inside Width	Inside Lgth.			
9/32	3/4	3	6	9100	7400	5200
3/8	1	4	8	18400	15100	10600
1/2	1-1/4	5	10	31200	25500	18000
5/8	1-1/2	6	12	47000	38400	27100
3/4	1-3/4	6	12	73500	60000	42400
7/8	2	7	14	88900	72500	51300
1	2-1/4	8	16	123900	101200	71500
1-1/4	2-3/4	9	16	187800	153400	108400

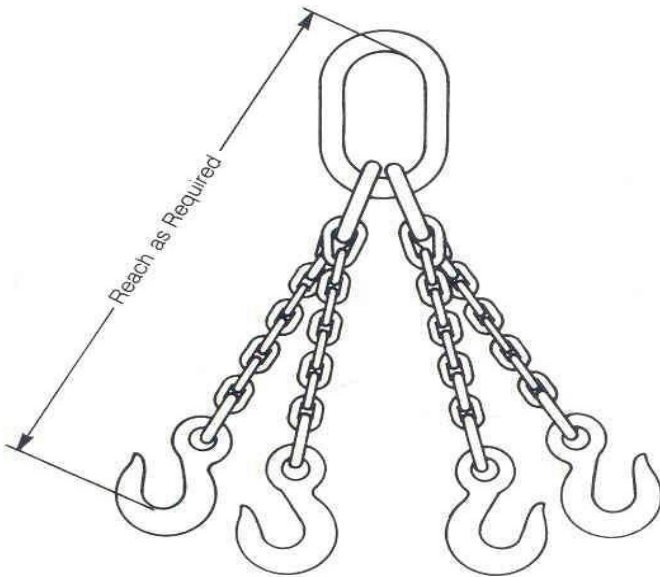
WARNING

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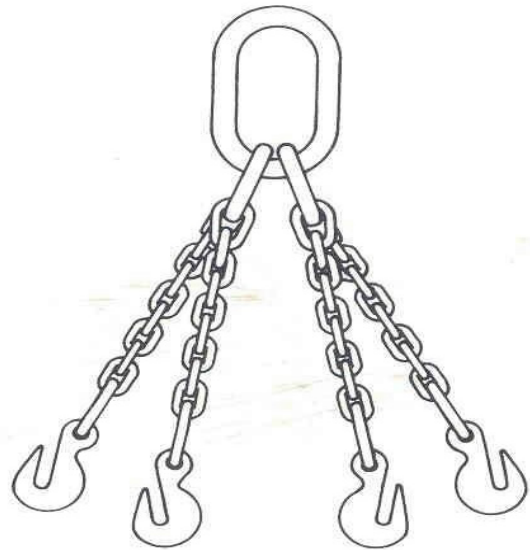
QUADRUPLE CHAIN SLINGS

CHAIN SLINGS

QUADRUPLE TYPE: VQ



Type VQOS



Type VQOG

Other configurations available. Ask your sales representative.

Specifications and Working Load Limits

Oblong Master Link, Inches				Working Load Limit*		
				Quad at 60°	Quad at 45°	Quad at 30°
Chain Size Inches	Nominal Size Material	Inside Width	Inside Lgth.	Pounds	Pounds	Pounds
9/32	3/4	3	6	9100	7400	5200
3/8	1	4	8	18400	15100	10600
1/2	1-1/4	5	10	31200	25500	18000
5/8	1-1/2	6	12	47000	38400	27100
3/4	1-3/4	6	12	73500	60000	42400
7/8	2	7	14	88900	72500	51300
1	2-1/4	8	16	123900	101200	71500
1-1/4	2-3/4	9	16	187800	153400	108400

* NOTE: In practice hooks on "Q" slings are in the plane opposite that shown.

⚠ WARNING

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