

Campbell®

CHAIN SLINGS



Campbell® Chain Slings Table of Contents

Founded in 1919, Campbell is the largest manufacturer of welded and weldless chain in the United States. Users of Campbell chain can select from a wide range of working load capacities including proof coil, high test, transport and alloy; finishes including self-colored, Blu-Krome®, galvanized and bright color polycoated; links that are short, long, twisted, locked, looped, even stamped from flat stock. Several chain types are even available in solid brass and bronze. Campbell chains and assemblies, including slings for overhead lifting, tie-downs and binder chains, have earned for the manufacturer an outstanding reputation for quality.



The Campbell operation facilities in York, PA, and Cortland, NY, conform to Quality Standard ISO 9001.

Contents	Page No.
Chain Shortener	168
Chain Sling Program, Surveys, Seminars, Schools	153
Chain Sling Literature Supplements	153
Chain Sling Lifting Angles	159
Chain Sling Rated Loads	154 - 155
Chain Service Centers	156
Chain Specifications	159
Chain Terms, Certificate of Test	157
Chains, Magnet	185
Field I.D. Tags	185
Hooks, Foundry	172
Hooks, Grab	173, 182
Hooks, “J”	184
Hooks, “S”	184
Hooks, Self-locking	174 - 175, 183
Hooks, Sling	170 - 171, 181
How to Assemble Coupling Links	178
How to Order Chain Slings	157
Identification Tags	157

Contents	Page No.
Latches	171, 182
Links, Coupling	180
Links, Oblong	176
Off-Center Working Load Limits Chart	170
Sling Assembly Tables	179
Sling Design	178
Sling Inspection, Care and Use	158
Slings, Adjustable	164 - 165
Slings, Adjustable Loop	164 - 165
Slings, Basket	166 - 167
Slings, Double	161
Slings, Double with Links	168
Slings, One-End-Only, Chain Fitting	169
Slings, Quadruple	163
Slings, Single	160
Slings, Triple	162
Sub-Assembly, Oblong Master Links	177
Campbell Slings Numerical Index	186

NOTICE: The product specifications and dimensions are as accurate as possible at the time of printing. However, because we are constantly improving the quality and design of our product, they can change without notice.

Campbell's Chain Sling Program Surveys, Seminars and Schools

Users of Campbell Chain Slings may receive annual surveys to assure compliance with OSHA standards. These thorough in-plant inspections by qualified Cooper Tools/Campbell personnel can point out potential problems, encourage proper handling and storage, show how to reduce inventory and increase productivity.

Upon completion of the survey, Campbell will provide a complete report on the status of every Campbell chain sling and clamp for your OSHA compliance files.

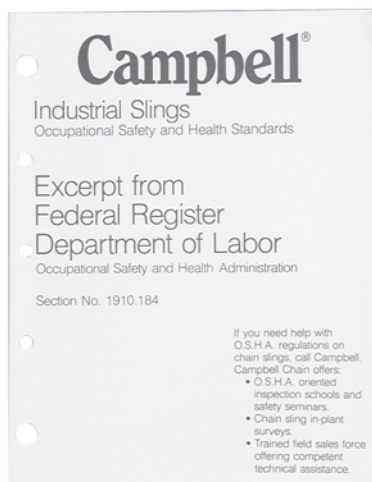
To instruct customers in the proper use of slings as well as in maintenance and safety procedures, Campbell will conduct seminars in your plant or at its local sling repair center. Further, if interested, we'll train your plant personnel to conduct their own sling survey in a one and a half day "school" held at our York, Pennsylvania plant. Upon completion of this school, your personnel will be fully qualified to perform OSHA compliance inspections.

Repairs

Campbell's sling repair centers across the U.S. help make the most of your company's chain sling investment. Wherever economical reconditioning is possible, Campbell will advise

you on estimated cost. A nearby center will then repair, proof-test and issue new certificates of test to put your slings back to work quickly.

To Supplement Your Sling Chain Program



Cooper Number 550201

Campbell

Cam-Alloy Chain Sling Working Load Limits (lbs.)

Reduction of Working Load with Varying Lift Angle

percentages shown
are of the maximum
working load limit of
the chain

normal working load limit of a standard sling

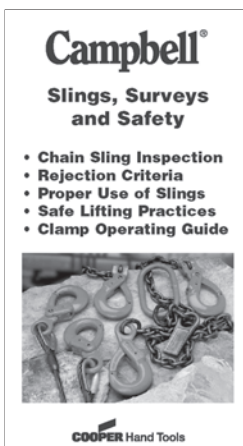
Trade Size		system	Single Sling Type S	Double Slings Type D			Triple Type T and Quadruple Type Q Slings		
inches	millimeters								
7/32	5.5	8	2,100	3,600	3,000	2,100	5,500	4,400	3,200
9/32	7.0	10	4,300	7,400	6,100	4,300	11,200	9,100	6,400
3/8	10.0	10	8,800	15,200	12,400	8,800	22,900	18,700	13,200
1/2	13.0	10	15,000	26,000	21,200	15,000	39,000	31,800	22,500
5/8	16.0	10	22,600	39,100	32,000	22,600	58,700	47,900	33,900
3/4	20.0	10	35,300	61,100	49,900	35,300	91,700	74,900	53,000
7/8	22.0	10	42,700	74,000	60,400	42,700	110,900	90,600	64,000
1	26.0	8	47,700	82,600	67,400	47,700	123,900	101,200	71,500
1 1/4	32.0	8	72,300	125,200	102,200	72,300	187,800	153,400	108,400

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Cooper Number 55943



Cooper Number 7503515



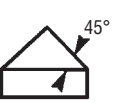
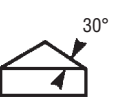
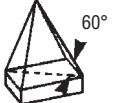
English Cooper Number 550408
French / Spanish Cooper Number 550515

Campbell® Sling Chain Inspection Record			
Shop: _____	Grade: _____	Serial No.: _____	
Type: _____	Size: _____	Reaches: _____	Working Load Limit: _____
Made to Print No.: _____		Revisions: _____	
Attachments or Special Features: _____		Cost of Sling (New): _____	
Put in Service: _____	Returned for Repair: _____		
Returned to Service: _____	Cost of Repair: _____		
Condition: _____	Date: _____	By: _____	

Cooper Number 550681

Rated Loads For Grade 80 (System 8) Alloy Steel Chain Slings

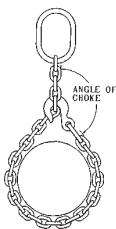
Rated Load for Grade 80 Alloy Steel Chain Slings

Chain Size Nominal		Single Leg Sling - 90° - Horizontal Loading		Rated load Double Leg Sling and Single Basket at Horizontal Angle						Triple and Quadruple Leg Sling and Double Basket at Horizontal Angle					
															
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
7/32	5.5	2,100	950	3,600	1,650	3,000	1,350	2,100	950	5,500	2,450	4,400	2,000	3,200	1,450
9/32	7	3,500	1,600	6,100	2,750	4,900	2,250	3,500	1,600	9,100	4,150	7,400	3,400	5,200	2,400
3/8	10	7,100	3,200	12,300	5,550	10,000	4,500	7,100	3,200	18,400	8,300	15,100	6,800	10,600	4,800
1/2	13	12,000	5,400	20,800	9,450	17,000	7,700	12,000	5,400	31,200	14,150	25,500	11,550	18,000	8,200
5/8	16	18,100	8,200	31,300	14,200	25,600	11,600	18,100	8,200	47,000	21,300	38,400	17,400	27,100	12,300
3/4	20	28,300	12,800	49,000	22,250	40,000	18,150	28,300	12,800	73,500	33,400	60,000	27,250	42,400	19,300
7/8	22	34,200	15,500	59,200	26,850	48,400	21,900	34,200	15,500	88,900	40,250	72,500	32,900	51,300	23,250
1	26	47,700	21,600	82,600	37,500	67,400	30,600	47,700	21,600	123,900	56,250	101,200	45,950	71,500	32,500
1 1/4	32	72,300	32,800	125,200	56,800	102,200	46,400	72,300	32,800	187,800	85,200	153,400	69,600	108,400	49,200

Rated Loads for Grade 80 Alloy Steel Chain Slings - Choker Hitches

Chain Size Nominal		Single Leg 90°		Double Leg and Single Baskets						Triple and Quadruple Leg; Double Baskets					
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
7/32	5.5	1,700	750	2,900	1,300	2,400	1,100	1,700	750	4,400	1,950	3,500	1,600	2,550	1,150
9/32	7	2,800	1,300	5,000	2,200	3,900	1,800	2,800	1,300	7,300	3,300	5,900	2,700	4,150	1,900
3/8	10	5,700	2,550	9,800	4,450	8,000	3,650	5,700	2,550	14,700	6,650	12,100	5,450	8,500	3,850
1/2	13	9,600	4,300	16,600	7,550	13,600	6,150	9,600	4,300	25,000	11,300	20,400	9,250	14,400	6,550
5/8	16	14,500	6,550	25,000	11,350	20,500	9,300	14,500	6,550	37,600	17,050	30,700	13,900	21,700	9,850
3/4	20	22,600	10,250	39,200	17,800	32,000	14,500	22,600	10,250	58,800	26,700	48,000	21,800	33,900	15,450
7/8	22	27,400	12,400	47,400	21,500	38,700	17,500	27,400	12,400	71,100	32,200	58,000	26,300	41,000	18,600
1	26	38,200	17,300	66,100	30,000	53,900	24,500	38,200	17,300	99,100	45,000	81,000	36,750	57,200	26,000
1-1/4	32	57,800	26,250	100,200	45,450	81,800	37,100	57,800	26,250	150,200	68,150	122,700	55,700	86,700	39,350

Note: Angle of choke should be greater than 120°



⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

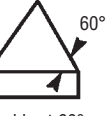
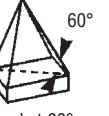
⚠ WARNING

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.

Rated Loads For Grade 100 (System 10) Alloy Steel Chain Slings

Rated Load for Grade 100 Alloy Steel Chain Slings

Chain Size Nominal		Single Leg Sling - 90° to Horizontal Loading		Rated Load Double Leg Sling and Single Basket at Horizontal Angle						Triple and Quadruple Leg Sling and Double Basket at Horizontal Angle					
				 Double at 60°		 Double at 45°		 Double at 30°		 Quad at 60°		 Quad at 45°		 Quad at 30°	
in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
9/32	7	4,300	1,950	7,400	3,400	6,100	2,750	4,300	1,950	11,200	5,050	9,100	4,150	6,400	2,950
3/8	10	8,800	4,000	15,200	6,950	12,400	5,650	8,800	4,000	22,900	10,400	18,700	8,500	13,200	6,000
1/2	13	15,000	6,800	26,000	11,800	21,200	9,600	15,000	6,800	39,000	17,650	31,800	14,450	22,500	10,200
5/8	16	22,600	10,300	39,100	17,750	32,000	14,500	22,600	10,300	58,700	26,650	47,900	21,750	33,900	15,400
3/4	20	35,300	16,000	61,100	27,700	49,900	22,650	35,300	16,000	91,700	41,550	74,900	33,950	53,000	24,000
7/8	22	42,700	19,400	74,000	33,500	60,400	27,350	42,700	19,400	110,900	50,250	90,600	41,050	64,000	29,050

Campbell Chain Service Centers

Birmingham Area

Alabama Sling Center
1103 Hoke Ave. Box 203
Dolomite, AL 35061
Phone: (205) 744-0230
Toll Free: (800) 749-0230
Fax: (205) 744-7645

Chicago Area

Alloy Sling Chain Industries, LTD
1406 West 175th Street
East Hazelcrest, IL 60429-1820
Phone: (708) 647-4900
Toll Free: (800) 255-8973
Fax: (708) 647-4993

Cleveland Area

Commercial Group Lifting
Products/Great Lakes
4115 East 116th Street
Cleveland, OH 44105
Phone: (216) 641-4100
Fax: (216) 641-1814

Detroit Area

Commercial Group Lifting
Products/Detroit Chain
8881 Central Avenue
Detroit, MI 48204
Phone: (313) 931-1611
Fax: (313) 931-4728

Houston Area

Bishop Lifting Products, Inc.
125 McCarthy Drive
Houston, TX 77029
Phone: (800) 972-1041
www.lifting.com

Los Angeles Area

John A. Batchelor Company
2853 East 11th Street
Los Angeles, CA 90023
Phone: (323) 262-4125
Fax: (323) 268-8487

Philadelphia Area

I & I Sling Company
2626 Market St. Box 2423
Aston, PA 19014
Phone: (610) 485-8500
Fax: (610) 494-5835

Pittsburgh Area

Safety Sling Company, Inc.
919 Fulton Street
Pittsburgh, PA 15233
Phone: (412) 231-6684
Fax: (412) 231-6695

San Francisco Area

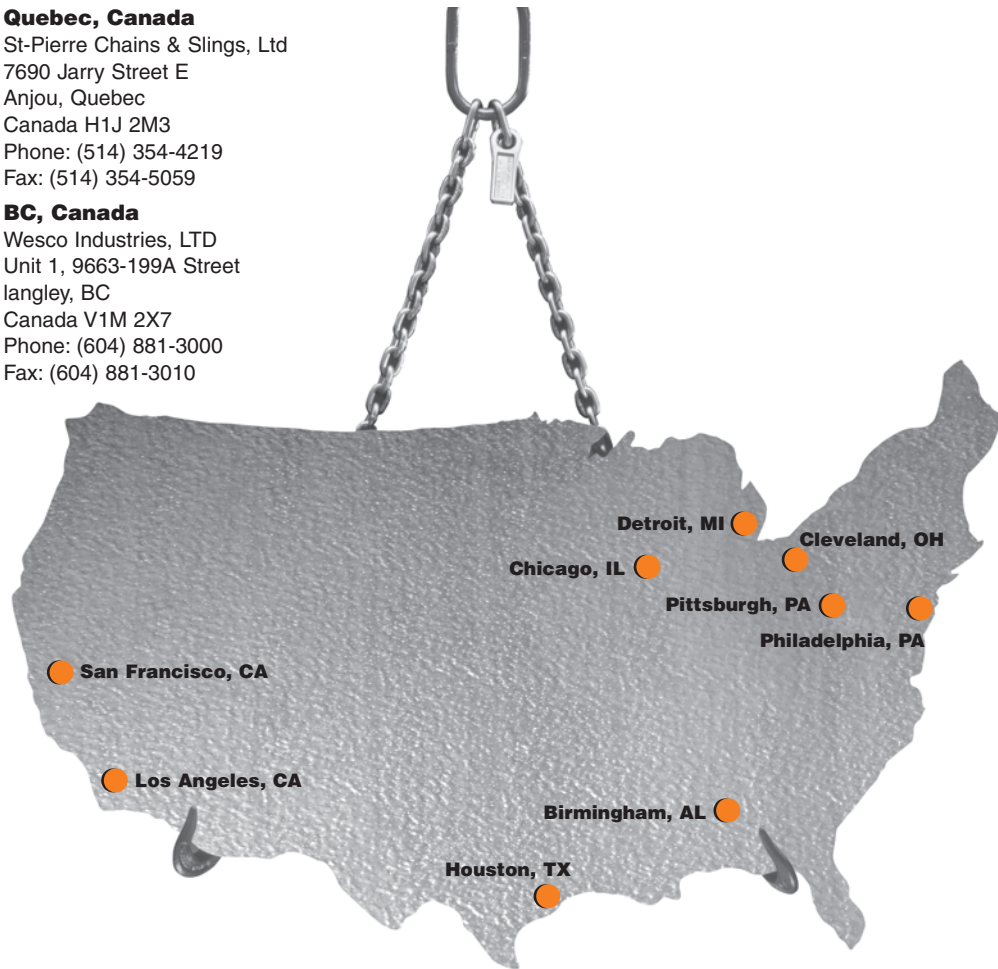
Carpenter Rigging & Supply
222 Napoleon Street
San Francisco, CA 92124
Phone: (415) 285-1954
Fax: (415) 285-0176

Quebec, Canada

St-Pierre Chains & Slings, Ltd
7690 Jarry Street E
Anjou, Quebec
Canada H1J 2M3
Phone: (514) 354-4219
Fax: (514) 354-5059

BC, Canada

Wesco Industries, LTD
Unit 1, 9663-199A Street
langley, BC
Canada V1M 2X7
Phone: (604) 881-3000
Fax: (604) 881-3010



Dependable chain slings. Strong national service network

Our service network is composed of eleven authorized service centers in all, each strategically located across the United States and Canada, to offer fast, dependable service for your chain sling requirements.

Specifically, our chain sling service program offers on-site chain inspections, including a complete report showing the status of all chain slings and Campbell clamps for your OSHA compliance files. All chain slings are fabricated precisely to Campbell's manufacturing specifications. The program also includes in-plant seminars to educate your employees in proper and safe chain sling procedures. Our Campbell Chain facility in York, PA even conducts chain sling schools, free of charge.

Each of our eleven authorized repair facilities has technical and sales support ready to assist you in resolving your overhead lifting needs. Which further proves what we have said all along: Dependable chain slings, strong national service network.

Cam-Alloy Chain Slings

Campbell manufactures a complete line of standard sling assemblies, as well as assemblies to customer specifications. This work is done

at authorized Campbell Sling Service Centers located in strategic areas of the country to provide maximum customer service.

WORKING LOAD LIMIT

The “working load limit” (rated capacity) is the maximum combined static and dynamic load in pounds or kilograms which should ever be applied to the product in service, even when the product is new, and when the load is uniformly applied in direct tension to the product.

Important Chain Terms

PROOF TEST

The “proof test” is a quality control test applied to chain for the purpose of verifying weld and material quality. It is the minimum force in pounds or newtons that the chain has withstood in direct tension as part of the manufacturing process. Proof testing assures that the chain is more than capable of performing at its rated working load limit. Proof test loads are a manufacturing integrity test and shall not be used as criteria for service or design purposes. All Campbell chain and components are proof tested in accordance with the applicable ASTM, NACM, OSHA and AISI/ASME requirements.

Certificate of Test and Identification Tags

Campbell provides information in several forms that enables purchasers and users to operate safely and effectively in conformity with OSHA requirements. The drop forged Identification Tag is attached to the Master End Coupling link of each chain sling and provides the following lifetime information:

- Grade
- Size
- Reach
- Working Load Limit (at a specific angle of lift)
- Serial number
- Type

A Certificate of Test is provided for every Campbell manufactured chain sling. The Campbell Certificate contains all of the information provided on the identification tag, plus the Proof Test load as required by OSHA regulations.



Identification Tag



Certificate of Test

Basic Types of Chain Slings

Slings are designated throughout the industry by the symbols.

First Symbol (Basic type)

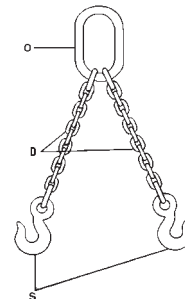
- S** Single Chain Sling with master link and hook, or hook each end.
- C** Single Choker Chain Sling with master link each end. No hooks.
- D** Double Chain Sling with standard master link and hooks.
- T** Triple Chain Sling with standard master link and hooks.
- Q** Quadruple Chain Sling with standard master link and hooks.
- SB** Single basket
- DB** Double basket

Second Symbol (Type of master link or end link)

- O** Standard Oblong Master Link—Recommended for all types.

Third Symbol (Type of Hooks)

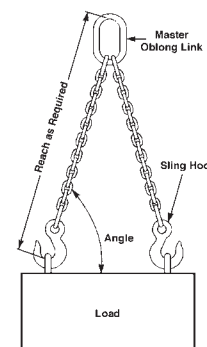
- S** Sling Hook
- G** Grab Hook
- F** Foundry Hook
- SL** Self-locking Hook



How to Order Chain Slings

1. Determine the maximum **load** to be lifted.
2. Refer to the following pages and choose the proper **type** of chain sling (single, double, etc.) dictated by the size, shape and weight of the load.
3. Estimate the approximate **angle** between a leg of the sling and the load during operation.
4. Select the proper **attachments** (hooks and master links) for your chain sling.
5. Determine the overall **reach** from bearing point on master link to bearing point on attachment.
6. Refer to the Working Load Limit Chart and to your predetermined angle of the type sling you have selected.
7. Choose the chain size which meets your requirements.
8. When entering your order be sure you give complete information as to the size, reach and attachments required.

Note: Angle to the load on multiple leg slings will be 60° or greater as long as the distance between lifting eyes of load is **not** greater than reach shown on identification tag.



⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ 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.

Inspection, Care and Proper Use of Chain Slings

Campbell welded chain products and components are designed and built for rugged last-in service. As with any quality product certain precautions and standards of treatment should be observed. Proper care will extend the useful life of the product.

INSTRUCTIONS REGARDING COMPONENTS & FITTINGS

Components, such as master links and hooks, should have at least the same working load limit (rated capacity) as the chain with which they are used. If not, the sling shall be rated to the capacity of the weakest component. Campbell offers a full line of Cam-Alloy® and Quik-Alloy® sling components engineered specifically to be compatible with our alloy chain products.

WARNINGS AND CAUTIONS

- The use of chain, slings, and components are 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 the Occupational Safety & Health Administration (OSHA 29 CFR 1910.184) and American Society for Mechanical Engineers (ASME B30.9) safety standards, requiring the sling user to conduct safe working practices and perform inspections
- Do not exceed the working load limit of the sling or any component
- Chemically active environments may adversely affect chain slings. Do not use in highly acidic or caustic environments. Campbell should be contacted if the sling will be exposed to chemically active environments during use
- High and low temperatures will affect chain slings. Campbell should be contacted if temperatures below -20°F (-29°C) will be experienced. The attached Effect of Elevated Temperature on the Working Load Limit of Alloy Chain chart shows the reduction in strength that occurs when chain slings are used at or have been exposed to temperatures above 400°F (204°C)
- Never field weld or repair a chain sling. Chain slings should only be repaired by a qualified repair facility
- See other specific information under the Care, Inspection, and Proper Use sections

INSPECTION

OSHA and ASME safety standards require the user to conduct:

- Frequent Inspections: A visual inspection for damage, which should be performed each day the sling is used.
- Periodic Inspections: A complete link by link and component inspection. Periodic inspection intervals vary depending on sling usage and conditions, but must occur at least annually. Written records of periodic inspections are required.

The slings should be inspected for the presence damage. The sling should immediately be removed from service if any of the following conditions are present:

- Missing or unreadable identification tag
- Cracks in the chain or any component
- Excessive nicks, gouges or wear. Chain should be removed from service if the thickness at any point on the link is below the value shown in the attached Cam-Alloy Chain Minimum Allowable Thickness chart. All other components should be removed from service if any dimension is worn more than 10% from the original dimension
- Stretched, bent, twisted, or distorted chain links or components
- Excessive corrosion
- Evidence of heat damage
- Evidence of field welding or weld spatter
- Any other condition which questions the integrity of the chain sling
- Any side movement of the Quik Alloy Coupling Link Pin could indicate excessive wear of the pin or link half and be cause for removal from service
- Depending on the severity of use and environment, individual Quik-Alloy components should be disassembled so that load pins may be thoroughly inspected

CARE

- Chain slings should be stored in a clean and dry area, preferably on a rack, in order to extend their life
- Chain slings should not be stored in areas where they would be subject to damage, corrosion, chemical attack, or extreme temperatures
- Clean slings periodically, as dust and grit can accelerate wear
- During use, chain slings should not be dragged over abrasive surfaces. Loads should not be rested on the chain sling to avoid damage

PROPER USE

To protect the operators, the load, and the sling, the following safe practices should be followed. Campbell also recommends compliance with the OSHA and ASME safety standard practices.

- Select a sling suitable for the load, type of hitch, angle of loading, and environment. The hooks and master links should be of a size to fit the intended connections
- Avoid shock loading
- Pad all sharp edges or corners in contact with the sling to prevent damage to either the sling or the load
- Balance the load to prevent shifting, to maintain control of the load, and to prevent overloading of any leg in a multiple leg sling
- Rig so that the load is properly seated in the hooks and master link. Avoid tip loading of hooks and side loading of master links
- Avoid twisting or kinking of sling legs
- Never knot chain legs

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

Cam-Alloy Chain - Minimum Allowable Thickness

Chain Size in. mm	Cat. No. Drum	Actual Size Stock Dia. New		Min. Allowable Thickness on Any Part of Link	
		in.	mm	in.	mm
7/32	5.5	0400312	.218	6	.189 4.80
9/32	7	0405212	.282	7	.239 6.07
3/8	10	0405412	.402	10	.342 8.69
1/2	13	0405512	.522	13	.443 11.26
5/8	16	0405612	.643	16	.546 13.87
3/4	20	0405712	.802	20	.687 17.45
7/8	22	0405812	.881	22	.750 19.05
1	26	0401612	1.000	25	.887 22.53
1 1/4	32	0402012	1.250	32	1.091 27.71

Effect of Elevated Temperature on the Working Load Limit of Alloy Chain

Temperature		Grade of Chain			
(F°)	(C°)	Grade 80 (System 8)		Grade 100 (System 10)	
		Reduction of Working Load Limit WHILE AT Temperature	Reduction of Working Load Limit AFTER EXPOSURE to Temperature	Reduction of Working Load Limit WHILE AT Temperature	Reduction of Working Load Limit AFTER EXPOSURE to Temperature
< 400°	< 204°	None	None	None	None
400°	204°	10%	None	15%	None
500°	260°	15%	None	25%	5%
600°	316°	20%	5%	30%	15%
700°	371°	30%	10%	40%	20%
800°	427°	40%	15%	50%	25%
900°	482°	50%	20%	60%	30%
1000°	538°	60%	25%	70%	35%
> 1000° > 538°		OSHA requires that any chain sling which has experienced temperatures in excess of 1000° F be removed from service.			

PROPER USE (continued)

- Horizontal angles less than 30° should not be used without consulting Campbell or a qualified person
- For choker hitches, angles of choke greater than 120° should not be used without consulting Campbell or a qualified person. Choker hitches reduce the working load limit by 20% (See pages 186 & 187)
- For basket hitches, the minimum recommended diameter of the load is 10 times the nominal chain diameter

Purchasers please note that all "Warnings and Cautions" apply to chain, components and fittings, as well as chain slings. Purchasers are responsible for conveying the "Warnings and Cautions" including the "Inspection, Care and Proper Use" section information to the end user.

Campbell denies any liability for damage that results from use in excess of the working load limit or any abuse or misuse of the product.

Any questions concerning the use of Campbell products may be directed to your Cooper Hand Tools Sales Representative or Customer Service.

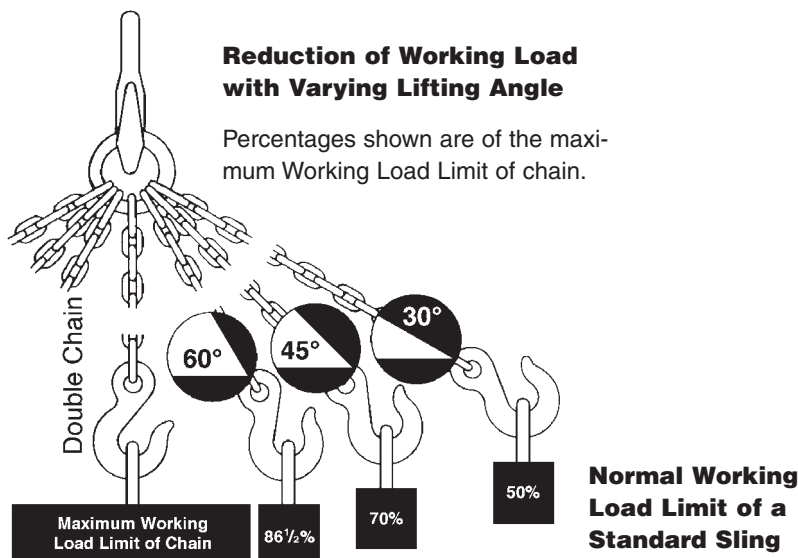
⚠ WARNING

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.

Cam-Alloy Chain Slings

How Lifting Angles Reduce Working Load Limits of Slings



Cam-Alloy Chain Specifications

Cam-Alloy steel chain is electrically welded alloy steel embodying the latest manufacturing technology. Alloy provides a superior chain sling with high tensile strength and excellent wear resistance. The following chains meet or exceed all existing OSHA, ANSI, ASME, NACM and ASTM specification requirements.

The Cam-Alloy chain and attachments used in fabricating Campbell chain slings offer a design factor of 4 to 1. System 8 is Campbell's trade name for Grade 80 chain. System 10 is Campbell's trade name for Grade 100 chain.

Trade Size		System	Nominal Dimensions (in. and mm)						Drum		Working Load Limit		Feet/ Drum	Lb/ 100ft.	Links/ ft.
			Material Diameter		Inside Dimensions										
					in.	mm	in.	mm	in.	mm	Cat. No.	UPC No. 020418	lb	kg	
7/32	5.5	8	.22	6	.69	18	.30	8	0400312	063312	2100	970	800	43	17.5
9/32	7	10	.29	7	.86	22	.41	10	0405212	182204	4300	1950	500	74	13.8
3/8	10	10	.40	10	1.22	31	.57	14	0405412	182211	8800	3990	500	148	10.0
1/2	13	10	.52	13	1.57	40	.75	19	0405512	182228	15,000	6800	300	250	7.8
5/8	16	10	.64	16	1.93	49	.87	22	0405612	182235	22,600	10,250	200	379	6.5
3/4	20	10	.80	20	2.42	61	1.09	28	0405712	182242	35,300	16,000	100	610	4.9
7/8	22	10	.88	22	2.70	69	1.28	31	0405812	063497	42,700	19,400	100	775	4.4
1	26	8	1.00	25	2.80	71	1.40	36	0401612	063510	47,700	21,600	100	965	4.3
1 1/4	32	8	1.25	32	3.50	89	1.75	44	0402012	063534	72,300	32,800	60	1525	3.5

The last digit of the catalog number changes to a 1 if a non-standard quantity is ordered.



ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.



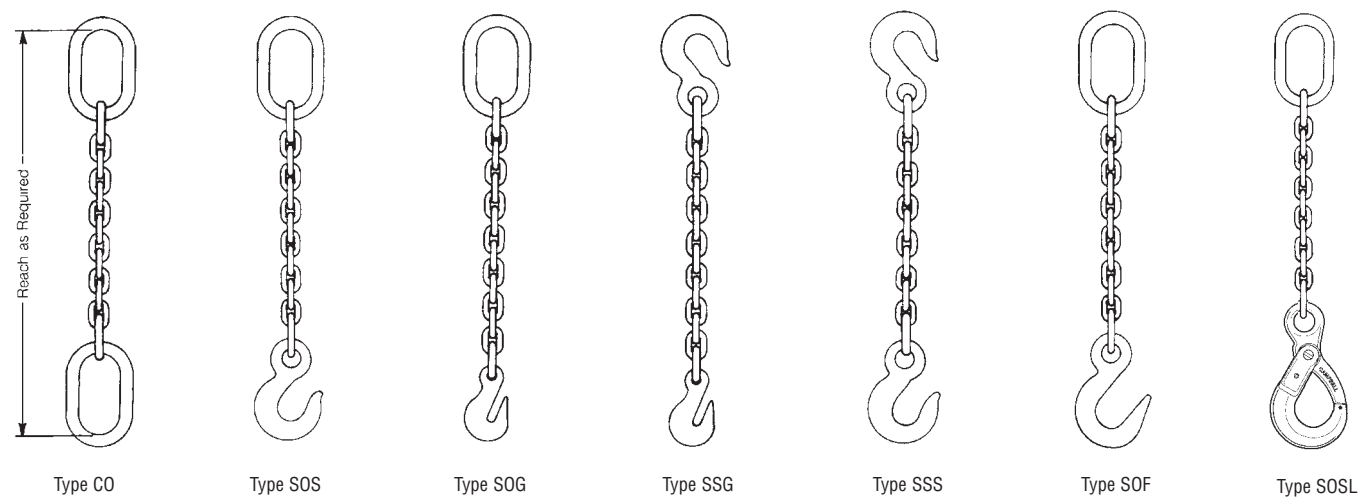
WARNING

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.

Cam-Alloy Chain Slings

Single Types: S and C



Chain Size		System	Oblong Link						Working Load Limit	
			Nominal Size Material		Inside Dimensions					
					Width		Length			
in.	mm		in.	mm	in.	mm	in.	mm	lb	kg
9/32	7	10	37/64	15	2½	64	5	127	4,300	1,950
3/8	10	10	13/16	21	3	76	6	152	8,800	4,000
1/2	13	10	1⅛	29	4	102	8	203	15,000	6,800
5/8	16	10	1⅛	29	4	102	8	203	22,600	10,300
3/4	20	10	1¼	32	4	102	8	203	35,300	16,000
7/8	22	10	1⅝	41	5¼	133	10½	267	42,700	19,400
1	26	8	1⅞	48	6	152	12	305	47,700	21,600
1¼	32	8	2	51	7	178	14	356	72,300	32,800

Dimensions are approximate.
Single chain slings are available in other combinations.
These items are made to order.

Slings

ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

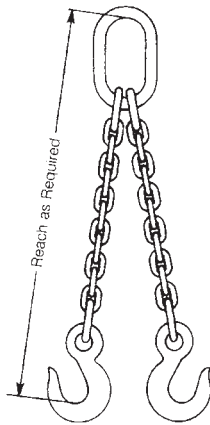
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

WARNING

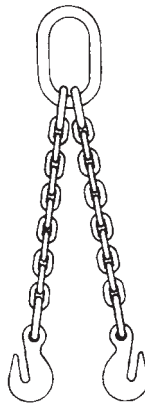
To prevent the possibility of serious bodily injury:

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

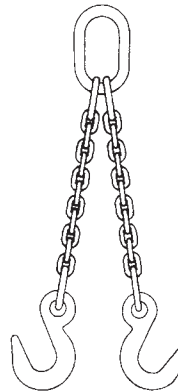
Cam-Alloy Chain Slings Double Type: D



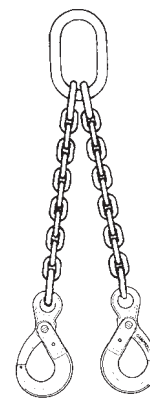
Type DOS



Type DOG



Type DOF



Type DOSL

Chain Size		System	Oblong Master Link						Working Load Limit					
			Nominal Size Material		Inside Dimensions									
									Double at 60°		Double at 45°		Double at 30°	
					in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400	6,100	2,700	4,300	1,950
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900	12,400	6,900	8,800	3,990
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800	21,200	9,600	15,000	6,800
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700	32,000	14,500	22,600	10,300
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700	49,900	22,600	35,300	16,000
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500	60,400	27,350	42,700	19,400
1	26	8	2	51	7	178	14	356	82,600	37,900	67,400	31,000	47,700	21,600
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800	102,200	46,400	72,300	32,800

Dimensions are approximate.

Double chain slings are available in other combinations.

These items are made to order.



ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.



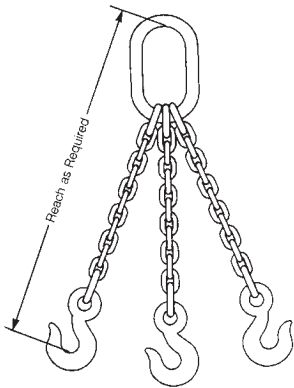
WARNING

To prevent the possibility of serious bodily injury:

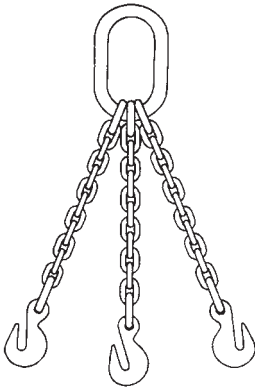
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Slings

Triple Type: T



Type TOS



Type TOG

Chain Size		System	Oblong Master Link							Working Load Limit					
										 Triple at 60°					
			Nominal Size Material		Inside Dimensions										
					Width		Length		lb		kg		lb		kg
in.	mm		in.	mm	in.	mm	in.	mm							
9/32	7	10	13/16	21	3	76	6	152	11,200	5,100	9,100	4,100	6,450	2,900	
3/8	10	10	1 1/8	29	4	102	8	203	22,800	10,300	18,600	8,400	13,200	6,000	
1/2	13	10	1 1/4	32	4	102	8	203	39,000	17,700	31,800	14,400	22,500	10,200	
5/8	16	10	1 5/8	41	5 1/4	133	10 1/2	267	58,700	26,600	47,900	21,700	33,900	15,400	
3/4	20	10	1 7/8	48	6	152	12	305	91,700	41,600	74,900	34,000	53,000	24,000	
7/8	22	10	2 1/4	57	8	203	16	406	110,900	50,250	90,600	41,050	64,000	29,050	
1	26	8	2 1/4	57	8	203	16	406	123,900	56,900	101,200	46,500	71,500	32,800	
1 1/4	32	8	2 3/4	70	9	229	16	406	187,800	85,200	153,400	69,600	108,400	49,200	

Dimensions are approximate.
Triple chain slings are available in other combinations.
These items are made to order.

Slings

 **ADVERTENCIA**

Para prevenir la posibilidad de una lesión personal sería:

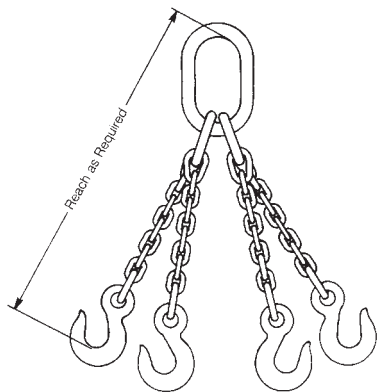
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

 **WARNING**

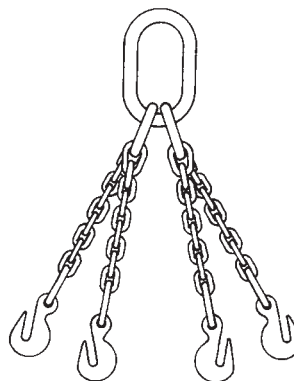
To prevent the possibility of serious bodily injury:

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

Cam-Alloy Chain Slings Quadruple Type: Q



Type QOS



Type QOG

Chain Size	in.	mm	System	Oblong Master Link						Master Coupling Link						Working Load Limit						
				Nominal Size Material	Inside Dimensions				Nominal Size Material	Inside Dimensions				 60°	 45°	 30°						
					Width		Length			Width		Length					lb		kg		lb	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	lb	kg	lb	kg	
9/32	7	10	13/16	21	3	76	6	152	17/32	13	1 1/2	38	2 5/8	67	11,200	5,100	9,100	4,100	6,450	2,900		
3/8	10	10	1 1/8	29	4	102	8	203	25/32	20	1 5/8	41	2 7/8	73	22,800	10,300	18,600	8,400	13,200	6,000		
1/2	13	10	1 1/4	32	4	102	8	203	1	25	3	76	5	127	39,000	17,700	31,800	14,400	22,500	10,200		
5/8	16	10	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	6	152	58,700	26,600	47,900	21,700	33,900	15,400		
3/4	20	10	1 7/8	48	6	152	12	305	1 1/2	38	4	102	6	152	91,700	41,600	74,900	34,000	53,000	24,000		
7/8	22	10	2 1/4	57	8	203	16	406	1 3/4	44	4	102	6	152	110,900	50,250	90,600	41,050	64,000	29,050		
1	26	8	2 1/4	57	8	203	16	406	1 7/8	48	5	127	7	178	123,900	56,900	101,200	46,500	71,500	32,800		
1 1/4	32	8	2 3/4	70	9	229	16	406	2 1/8	54	6	152	9	229	187,800	85,200	153,400	69,600	108,400	49,200		

Dimensions are approximate.

Quadruple chain slings are available in other combinations.

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

† See Oblong Master Link Sub-Assembly for complete dimensions.

These items are made to order.

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

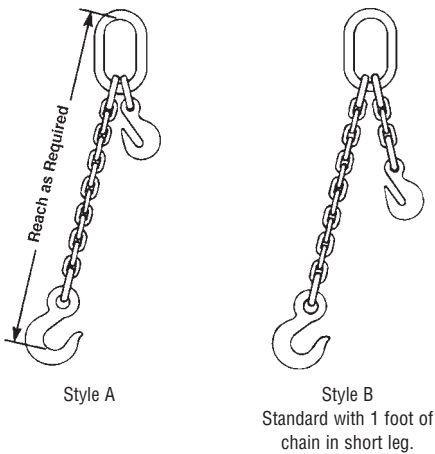
⚠ WARNING

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.

Miscellaneous Cam-Alloy Chain Slings Types

Single Adjustable

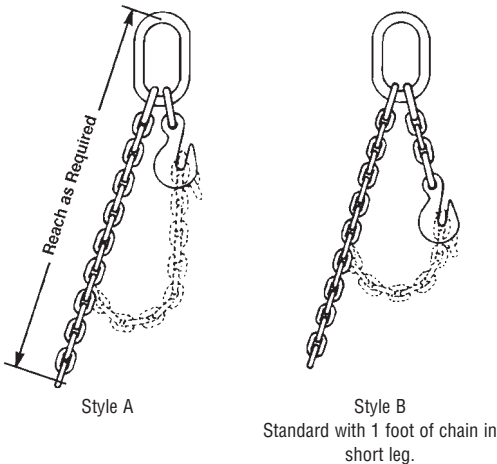


Chain Size	in.	mm	System	Oblong Master Link						Working Load Limit at 90°		
				Nominal Size Material	in.	mm	Inside Dimensions					
							Width		Length			
	in.	mm				in.	mm	in.	mm	lb	kg	
9/32	7	10		37/64	15	2 1/2	64	5	127	4,300	1,950	
3/8	10	10		13/16	21	3	76	6	152	8,800	4,000	
1/2	13	10		1 1/8	29	4	102	8	203	15,000	6,800	
5/8	16	10		1 1/8	29	4	102	8	203	22,600	10,300	
3/4	20	10		1 1/4	32	4	102	8	203	35,300	16,000	
7/8	22	10		1 5/8	41	5 1/4	133	10 1/2	267	42,700	19,400	
1	26	8		1 7/8	48	6	152	12	305	47,700	21,600	
1 1/4	32	8		2	51	7	178	14	356	72,300	32,800	

Dimensions are approximate.
These items are made to order.

Cam-Alloy Chain Slings

Single Adjustable Loop



Chain Size	in.	mm	System	Oblong Master Link						Working Load Limit at 60° lb kg	
				Nominal Size	Material	Inside Dimensions					
						Width		Length			
	in.	mm		in.	mm	in.	mm				
9/32	7	10		37/64	15	2 1/2	64	5	127	7,400	3,400
3/8	10	10		13/16	21	3	76	6	152	15,200	6,900
1/2	13	10		1 1/8	29	4	102	8	203	26,000	11,800
5/8	16	10		1 1/4	32	4	102	8	203	39,100	17,700
3/4	20	10		1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700
7/8	22	10		1 7/8	48	6	152	12	305	74,000	33,500
1	26	8		2	51	7	178	14	356	82,600	37,900
1 1/4	32	8		2 1/4	57	8	203	16	406	125,200	56,800

For other angles of lift, refer to type "D" sling specifications.
Dimensions are approximate.
These items are made to order.

Slings

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

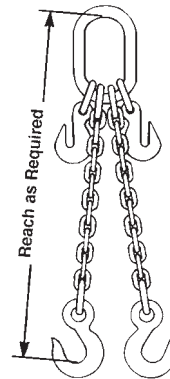
To prevent the possibility of serious bodily injury:

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

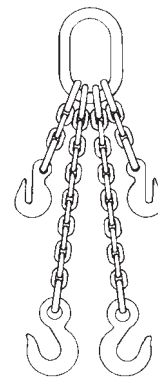
Cam-Alloy Chain Slings Double Adjustable

Chain Size in. mm	System	Oblong Master Link							Working Load Limit at 60° lb kg	
		Nominal Size Material in. mm	Inside Dimensions							
			Width in. mm		Length in. mm					
9/32 7	10	37/64 15	2 1/2	64	5	127		7,400	3,400	
3/8 10	10	13/16 21	3	76	6	152		15,200	6,900	
1/2 13	10	1 1/8 29	4	102	8	203		26,000	11,800	
5/8 16	10	1 1/4 32	4	102	8	203		39,100	17,700	
3/4 20	10	1 5/8 41	5 1/4	133	10 1/2	267		61,100	27,700	
7/8 22	10	1 7/8 48	6	152	12	305		74,000	33,500	
1 26	8	2 51	7	178	14	356		82,600	37,900	

For other angles of lift, refer to Type "D" slings.
Dimensions are approximate.
These items are made to order.



Style A

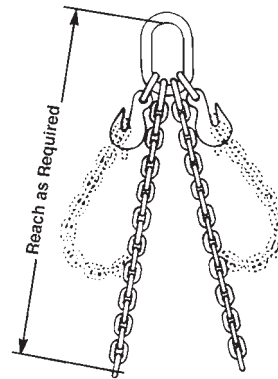


Style B
Standard with 1 foot of chain in
short leg.

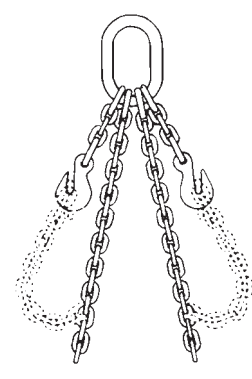
Cam-Alloy Chain Slings Double Adjustable Loop

Chain Size in. mm	System	Oblong Master Link								Working Load Limit at 60° lb kg	
		Nominal Size Material in. mm	Inside Dimensions								
			Width in. mm		Length in. mm						
9/32 7	10	13/16 21	3	76	6	152		11,200	5,100		
3/8 10	10	1 1/8 29	4	102	8	203		22,800	10,300		
1/2 13	10	1 1/4 32	4	102	8	203		39,000	17,700		
5/8 16	10	1 5/8 41	5 1/4	133	10 1/2	267		58,700	26,600		
3/4 20	10	1 7/8 48	6	152	12	305		91,700	41,600		
7/8 22	10	2 1/4 57	8	203	16	406		110,900	50,250		
1 26	8	2 1/4 57	8	203	16	406		123,900	56,900		

For other angles of lift, refer to quadruple slings.
Dimensions are approximate.
These items are made to order.



Style A



Style B
Standard with 1 foot of chain in
short leg.

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

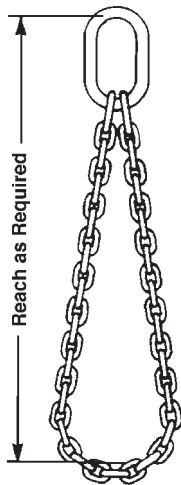
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

To prevent the possibility of serious bodily injury:

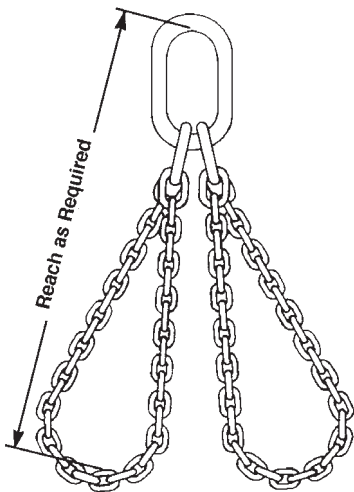
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Chain Sling
Single and Double Basket



Single Basket

Chain Size in. mm		System	Oblong Master Link							Working Load Limit at 60° lb kg	
			Nominal Size Material in. mm	Inside Dimensions							
				Width in. mm		Length in. mm					
9/32	7	10	37/64	15	2½	64	5	127	7,400	3,400	
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900	
1½	13	10	1⅛	29	4	102	8	203	26,000	11,800	
5/8	16	10	1¼	32	4	102	8	203	39,100	17,700	
¾	20	10	1⅝	41	5¼	133	10½	267	61,100	27,700	
7/8	22	10	1⅞	48	6	152	12	305	74,000	33,500	
1	26	8	2	51	7	178	14	356	82,600	37,900	
1¼	32	8	2¼	57	8	203	16	406	125,200	56,800	



Double Basket

Chain Size in. mm	System	Oblong Master Link							Working Load Limit at 60° lb kg	
		Nominal Size Material in. mm	Inside Dimensions							
			Width in. mm		Length in. mm					
9/32 7	10	13/16 21	3	76	6	152	11,200	5,100		
3/8 10	10	1 1/8 29	4	102	8	203	22,800	10,300		
1/2 13	10	1 1/4 32	4	102	8	203	39,000	17,700		
5/8 16	10	1 5/8 41	5 1/4 133	10 1/2 267	58,700	26,600				
3/4 19	10	1 7/8 48	6	152	12	305	91,700	41,600		
7/8 22	10	2 1/4 57	8	203	16	406	110,900	50,250		
1 26	8	2 1/4 57	8	203	16	406	123,900	56,900		

For other angles of lift, refer to Type "D" for single basket slings and Type "Q" for double basket slings.
Dimensions are approximate.
These items are made to order.



ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.



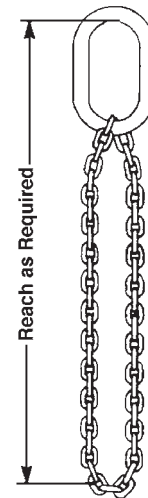
WARNING

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.

Cam-Alloy Chain Slings Single and Double Endless Basket

Chain Size in. mm		System	Oblong Master Link							Working Load Limit at 60° lb kg	
			Nominal Size Material in. mm		Inside Dimensions						
					Width in. mm		Length in. mm				
9/32	7	10	37/64	15	2 1/2	64	5	127	4,300	1,950	
3/8	10	10	13/16	21	3	76	6	152	8,800	3,990	
1/2	13	10	1 1/8	29	4	102	8	203	15,000	6,800	
5/8	16	10	1 1/8	29	4	102	8	203	22,600	10,250	
3/4	20	10	1 1/4	32	4	102	8	203	35,300	16,000	
7/8	22	10	1 5/8	41	5 1/4	133	10 1/2	267	42,700	19,400	
1	26	8	1 7/8	48	6	152	12	305	47,700	21,600	
1 1/4	32	8	2	51	7	178	14	356	72,300	32,800	



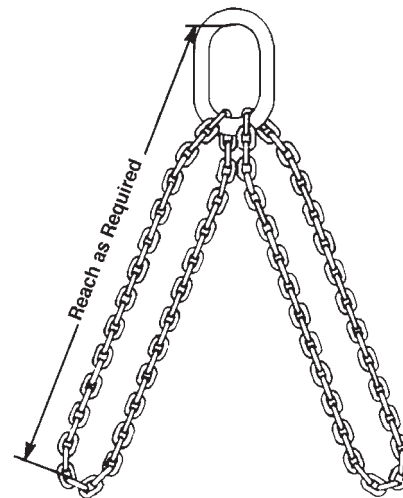
Single Endless Basket

Chain Size		mm	System	Oblong Master Link						Working Load Limit at 60°	
				Nominal Size Material		Inside Dimensions					
						Width		Length			
in.			in.	mm	in.	mm	in.	mm	lb	kg	
9/32	7	10	37/64	15	2 1/2	64	5	127	7,400	3,400	
3/8	10	10	13/16	21	3	76	6	152	15,200	6,900	
1/2	13	10	1 1/8	29	4	102	8	203	26,000	11,800	
5/8	16	10	1 1/4	32	4	102	8	203	39,100	17,700	
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	61,100	27,700	
7/8	22	10	1 7/8	48	6	152	12	305	74,000	33,500	
1	26	8	2	51	7	178	14	356	82,600	37,900	
1 1/4	32	8	2 1/4	57	8	203	16	406	125,200	56,800	

For other angles of lift, refer to Type "D" for single basket slings and Type "Q" for double basket slings.

Dimensions are approximate.

These items are made to order.



Double Endless Basket



ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.



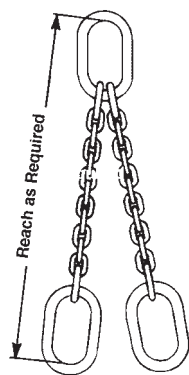
WARNING

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.

Cam-Alloy Chain Slings

Double with Links Only

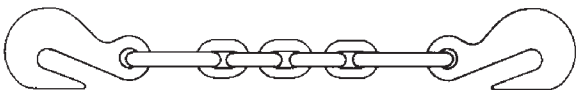


Type D00

Chain Size in. mm		System	Oblong Master Link							Standard Oblong End Link							Working Load Limit at 60° lb kg	
			Nominal Size Material in. mm		Inside Dimensions				Nominal Size Material in. mm		Inside							
					Width in. mm		Length in. mm				Width in. mm		Length in. mm					
9/32	7	10	37/64	15	2 1/2	64	5	127	37/64	15	2 1/2	64	5	127	7,400	3,400		
3/8	10	10	13/16	21	3	76	6	152	13/16	21	3	76	6	152	15,200	6,900		
1/2	13	10	1 1/8	29	4	102	8	203	1 1/8	29	4	102	8	203	26,000	11,800		
5/8	16	10	1 1/4	32	4	102	8	203	1 1/8	29	4	102	8	203	39,100	17,700		
3/4	20	10	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	8	203	61,100	27,700		
7/8	22	10	1 7/8	48	6	152	12	305	1 1/2	38	5 1/4	133	10 1/2	267	74,000	33,500		
1	26	8	2	51	7	178	14	356	1 3/4	44	6	152	12	305	82,600	37,900		
1 1/4	32	8	2 1/4	57	8	203	16	406	2	51	7	178	14	356	125,200	56,800		

Dimensions and weights are approximate.
For other angles of lift, refer to Type "D" slings.
These items are made to order.

Cam-Alloy Chain Shortener



Chain Size		System	Reach	Working Load Limit	
in.	mm			lb	kg
9/32	7	10	1'1"	4,300	1,950
3/8	10	10	1'3"	8,800	4,000
1/2	13	10	1'8"	15,000	6,800
5/8	16	10	2'0"	22,600	10,300
3/4	20	10	2'4"	35,300	16,000
7/8	22	10	2'8"	42,700	19,400
1	26	8	3'1"	47,700	21,600
1 1/4	32	8	3'10"	72,300	32,800

Dimensions are approximate.
These items are made to order.

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

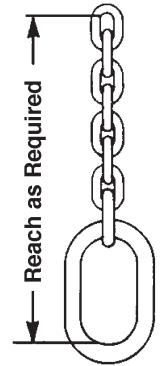
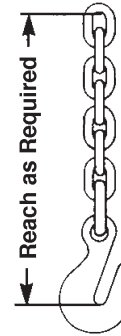
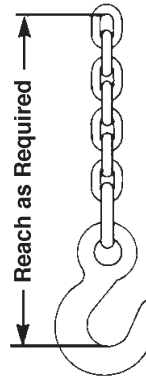
To prevent the possibility of serious bodily injury:

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

Cam-Alloy Chain Slings Attachment, One End Only

Chain Size		System	Working Load Limit	
in.	mm		lb	kg
$\frac{9}{32}$	7	10	4,300	1,950
$\frac{3}{8}$	10	10	8,800	4,000
$\frac{1}{2}$	13	10	15,000	6,800
$\frac{5}{8}$	16	10	22,600	10,300
$\frac{3}{4}$	20	10	35,300	16,000
$\frac{7}{8}$	22	10	42,700	19,400
1	26	8	47,700	21,600
$1\frac{1}{4}$	32	8	72,300	32,800

Dimensions are approximate.
These items are made to order.



⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

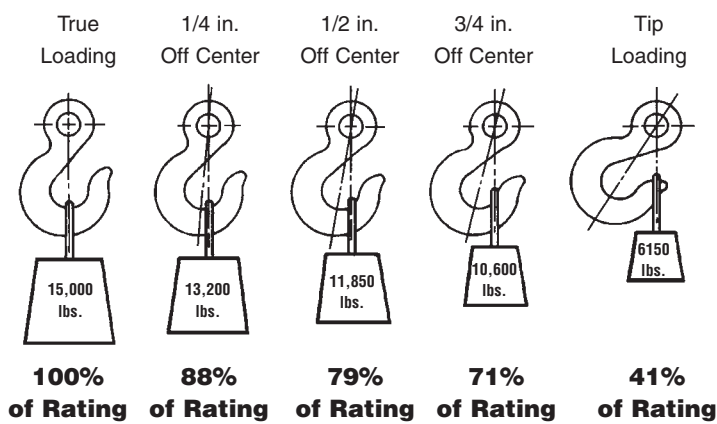
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

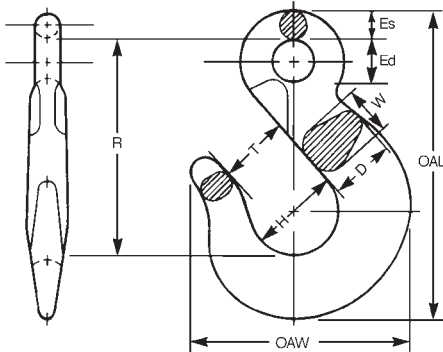
To prevent the possibility of serious bodily injury:

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

How Off-Center (Tip) Loading Reduces Working Load Limits of ½" - Cam-Alloy Sling Hooks



Cam-Alloy Sling Hooks



Chain Size	in. mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
						lb	kg	lb	kg
9/32	7	10	C-80	5646415	222320	1.3	.6	4,300	1,950
3/8	10	10	C-81	5646615	221583	2.7	1.2	8,800	4,000
1/2	13	10	C-82	5646815	222856	5.40	2.4	15,000	6,800
5/8	16	10	C-83	5647015	225109	10.00	4.5	22,600	10,300
3/4	20	10	C-84	5647215	225093	15.00	6.8	35,300	16,000
7/8	22	10	C-85	5645415	152962	18.50	8.4	42,700	19,400
1	26	8	C-86	5641615	078859	27.00	12.0	47,700	21,600

Chain Size	in. mm	Dimensions															
		R		T		H		Ed		Es		D		W		OAL	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.50	114	1.25	32	1.50	38	.75	19	.44	11	1.14	29	.75	19	5.56	141
3/8	10	4.75	121	1.62	41	2.13	54	.813	21	.594	15	1.46	37	1.05	27	6.59	167
1/2	13	5.70	145	1.88	48	2.25	57	1.13	29	.804	20	2.00	51	1.42	36	8.37	213
5/8	16	7.47	190	2.34	59	2.62	67	1.31	33	.875	22	2.42	61	1.54	39	10.47	266
3/4	19	8.00	203	2.53	64	3.00	76	1.50	38	1.00	25	2.91	74	1.83	46	11.59	294
7/8	22	9.75	248	3.18	81	3.75	95	2.00	51	1.12	28	2.88	73	1.88	48	13.38	340
1	26	10.18	259	3.25	83	4.25	108	1.94	49	1.38	35	3.50	89	2.38	60	14.56	370

⚠ **ADVERTENCIA**

Para prevenir la posibilidad de una lesión personal sería:
• **NO EXCEDA** los límites de carga de las cadenas o componentes.
• **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ **WARNING**

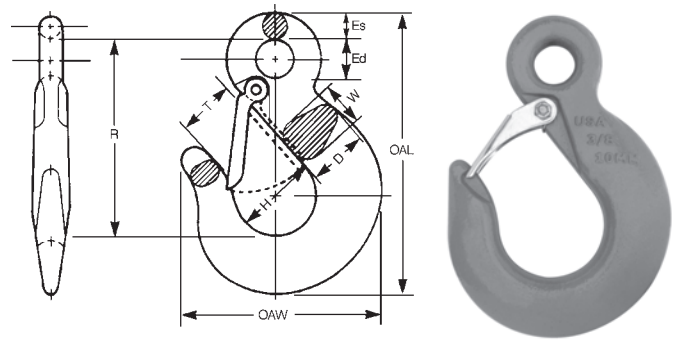
To prevent the possibility of serious bodily injury:
• **DO NOT EXCEED** the working load limits for chain or components.
• **DO NOT USE** if the chain or components are visibly distorted or worn.

Cam-Alloy Sling Hooks with Latches

Chain Size in. mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
9/32	7	10	C-90	5646495	222313	1.24 .56	4,300 1,950	
3/8	10	10	C-91	5646695	221590	2.7 1.22	8,800 4,000	
1/2	13	10	C-92	5646895	222870	5.6 254	15,000 6,800	

Dimensions and weights are approximate.

WARNING: Do not exceed Working Load Limit.



Chain Size		Dimensions																	
		R		T		H		Ed		Es		D		W		OAL		OAW	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.50	114	.875	22	1.50	38	.75	19	.44	11	1.14	29	.75	19	5.56	141	3.59	91
3/8	10	4.75	121	1.314	33	2.13	54	.813	21	.594	15	1.46	37	1.05	27	6.59	167	4.50	114
1/2	13	5.70	145	1.5	38	2.25	57	1.13	29	.804	20	2.00	51	1.42	36	8.37	213	5.65	143

Cam-Alloy Latches (Old Style)

Chain Size in.	Chain Size mm	Sling Hook	Sling Hook with Latch	Standard Latch No.
9/32	7	5644415	5644495	3990401
3/8	10	5644615	5644695	3990601
1/2	13	5644815	5644895	3990701
5/8	16	5645015	5645095	3991001
3/4	20	5645215	5645295	3991001
7/8	22	5645415	5645495	3991409
1	26	5641615	5641695	3991409



Cam-Alloy Latches (New Style)

Chain Size in.	Chain Size mm	Sling Hook	Sling Hook with Latch	Standard Latch No.
9/32	7	5646415	5646495	7506495
3/8	10	5646615	5646695	7506695
1/2	13	5646815	5646895	7506895
5/8	16	5647015	5647095	7507095
3/4	20	5647215	5647295	7507295



⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

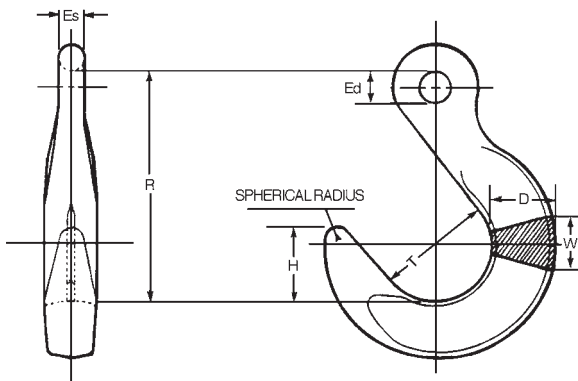
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ 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.

Cam-Alloy Foundry Hooks



Chain Size	in.	mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
							lb	kg	lb	kg
9/32	7	10	10	C-498	5664415	182457	2.2	.99	4,300	1,950
3/8	10	10	10	C-499	5664615	182464	3.9	1.80	8,800	4,000
1/2	13	10	10	C-500	5664815	182471	6.7	3.00	15,000	6,800
5/8	16	10	10	C-501	5665015	182488	10.5	4.80	22,600	10,300
3/4	20	10	10	C-502	5665215	182495	15.6	7.10	35,300	16,000
7/8	22	10	10	C-503	5665415	152948	24.1	10.90	42,700	19,400
1	26	8	8	C-504	5661615	078965	33.7	15.30	47,700	21,600
1 1/4	32	8	8	C-505	5662015	078972	52.0	23.60	72,300	32,800

Dimensions and weights are approximate.
WARNING: Do not exceed Working Load Limit.

Slings

Chain Size		Dimensions															
		R		T		Ed		Es		D		W		H		Spherical Radius	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	4.75	121	2.5	64	.62	16	.47	12	1.30	33	1.00	25	1.56	40	.25	6
3/8	10	5.75	146	3.0	76	.75	19	.62	16	1.56	40	1.25	32	1.87	47	.31	8
1/2	13	6.87	174	3.5	89	1.00	25	.75	19	1.81	46	1.50	38	2.25	57	.37	9
5/8	16	8.06	205	4.0	102	1.25	32	.87	22	2.33	59	1.75	44	2.62	67	.44	11
3/4	20	9.25	235	4.5	114	1.50	38	1.00	25	2.81	71	2.00	51	3.00	76	.50	13
7/8	22	10.37	263	5.0	127	1.84	47	1.12	28	3.08	78	2.25	57	3.37	86	.56	14
1	26	11.56	294	5.5	140	2.09	53	1.25	32	3.25	83	2.50	64	3.75	95	.62	16
1 1/4	32	12.87	327	6.0	152	2.47	63	1.37	35	3.88	99	3.00	76	4.25	108	.75	19

⚠ ADVERTENCIA

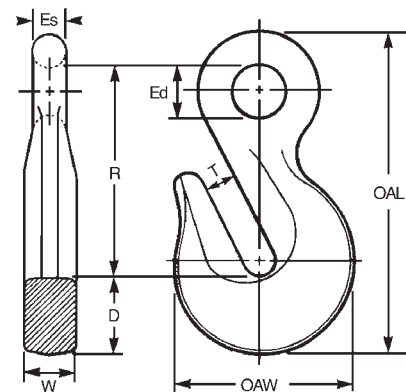
Para prevenir la posibilidad de una lesión personal sería:
• **NO EXCEDA** los límites de carga de las cadenas o componentes.
• **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ 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.

Cam-Alloy Grab Hooks

Chain Size in. mm	System	Hook No.	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
					lb	kg	lb	kg
9/32	7	10	C-72	5624415	182303	.60 .27	4,300	1,950
3/8	10	10	C-73	5624615	182310	.90 .41	8,800	4,000
1/2	13	10	C-75	5624815	182327	1.78 .81	15,000	6,800
5/8	16	10	C-76	5625015	182334	4.41 2.00	22,600	10,300
3/4	20	10	C-77	5625215	182341	7.50 3.40	35,300	16,000
7/8	22	10	C-78	5625415	152979	12.20 5.50	42,700	19,400
1	26	8	C-79	5621615	078651	19.90 9.03	47,700	21,600
1 1/4	32	8	C-51	5622015	180156	38.10 17.30	72,300	32,800



Chain Size	Dimensions																
	R		T		Ed		Es		D		W		OAL		OAW		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	2.50	64	.37	9	.56	14	.37	9	.81	21	.59	15	3.69	94	1.87	47
3/8	10	2.41	61	.50	13	.75	19	.44	11	1.16	29	.66	17	4.00	102	2.56	65
1/2	13	3.40	86	.66	17	1.12	28	.56	14	1.44	37	.88	22	5.40	137	3.50	89
5/8	16	4.22	107	.78	20	1.22	31	.69	18	1.75	44	1.12	28	6.66	169	4.25	108
3/4	20	5.15	131	.94	24	1.44	37	1.00	25	2.12	54	1.38	35	8.28	210	5.18	132
7/8	22	7.00	178	1.06	27	1.75	44	1.00	25	2.44	62	1.62	41	10.44	265	5.68	144
1	26	7.98	203	1.19	30	1.87	47	1.12	28	3.00	76	1.81	46	12.14	308	6.75	171
1 1/4	32	10.00	254	1.50	38	2.25	57	1.50	38	3.75	95	2.25	57	15.25	387	8.63	219

Dimensions and weights are approximate.

Note: Use of chain in a grab hook may reduce the breaking load of the chain by up to 20%

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal seria:

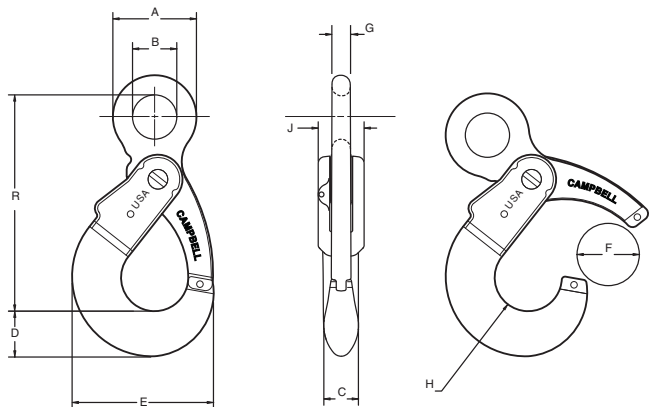
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ 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.

Cam-Lok Self-locking Eye Hooks



- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable
- Eye style is designed to accommodate heavy duty wire rope thimbles
- Stamped with recommended wire rope size



Chain Size in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit 4 to 1		Wire Rope Size		Working Load Limit 5 to 1 *	
			lb	kg	lb	kg	in.	mm	lb	kg
9/32 7	5648495	193262	2.25	1.06	4,300	1,950	7/16	11	3,800	1,724
3/8 10	5648695	193279	4	1.86	8,800	4,000	1/2	13	7,000	3,175
1/2 13	5648895	193286	8.65	3.97	15,000	6,800	5/8	16	12,000	5,443
5/8 16	5649095	193293	13.8	6.03	22,600	10,300	7/8	22	18,000	8,165

* To meet the design requirements of Wire Rope Slings.

Chain Size	Dimensions																			
	A		B		C		D		E		F		G		H		J		R	
in. mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
$\frac{9}{32}$ 7	1.875	47.6	1.000	25.4	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3	0.438	11.1	0.875	22.2	1.250	31.8	5.468	138.9
$\frac{3}{8}$ 10	2.375	60.3	1.375	34.9	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6	0.578	14.7	1.063	27.0	1.500	38.1	6.500	165.1
$\frac{1}{2}$ 13	3.188	81.0	1.688	42.9	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2	0.688	17.5	1.281	32.5	1.750	44.5	8.750	222.3
$\frac{5}{8}$ 16	3.500	88.9	2.000	50.8	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3	0.750	19.1	1.500	38.1	2.000	50.8	10.000	254.0

Slings

Cam-Lok Repair Kits



5788495

Hook Size in. mm	Cat. No.	UPC No. 020418
9/32 7	5788495	207518
3/8 10	5788695	207525
1/2 13	5788895	210600
5/8 16	5789095	211874

Repair Kit Contents:

- Pivot Pin
- Drive Pins (3)
- Trigger
- Trigger Spring
- Spring Alignment Insert

ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

- NO EXCEDA los límites de carga de las cadenas o componentes.
- NO LA UTILICE si la cadena o los componentes están visualmente distorsionados o gastados.

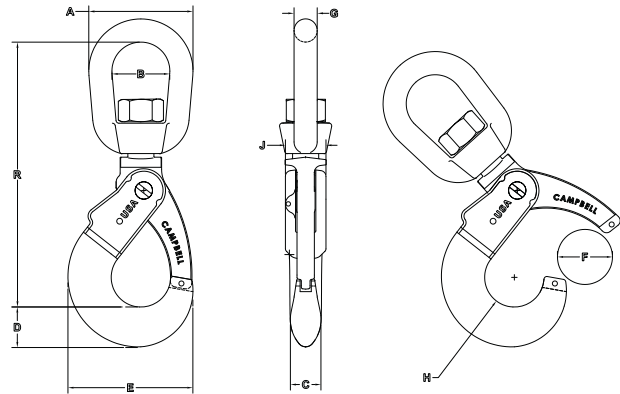
WARNING

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.

Cam-Lok Self-locking Swivel Hooks

- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable
- **HOOK IS NOT DESIGNED TO SWIVEL UNDER LOAD**



Chain Size in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit 4 to 1		Wire Rope Size		Working Load Limit 5 to 1 *	
			lb	kg	lb	kg	in.	mm	lb	kg
9/32 7	5798495	226830	2.25	1.06	4,300	1,950	7/16	11	3,800	1,724
3/8 10	5798695	226847	4	1.86	8,800	4,000	1/2	13	7,000	3,175
1/2 13	5798895	226878	8.65	3.97	15,000	6,800	5/8	16	12,000	5,443
5/8 16	5799095	226861	13.8	6.03	22,600	10,300	7/8	22	18,000	8,165

* To meet the design requirements of Wire Rope Slings.



Chain Size	Dimensions																			
	A		B		C		D		E		F		G		H		J		R	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
$\frac{9}{32}$ 7	3.000	76	1.750	44	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3	0.625	16	0.875	22.2	1.250	31.8	7.688	195
$\frac{3}{8}$ 10	3.500	89	2.000	51	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6	0.750	19	1.063	27.0	1.500	38.1	8.813	224
$\frac{1}{2}$ 13	4.500	114	2.500	64	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2	1.000	25	1.281	32.5	1.750	44.5	11.250	286
$\frac{5}{8}$ 16	5.625	143	3.500	89	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3	1.250	32	1.500	38.1	2.000	50.8	13.438	341



ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

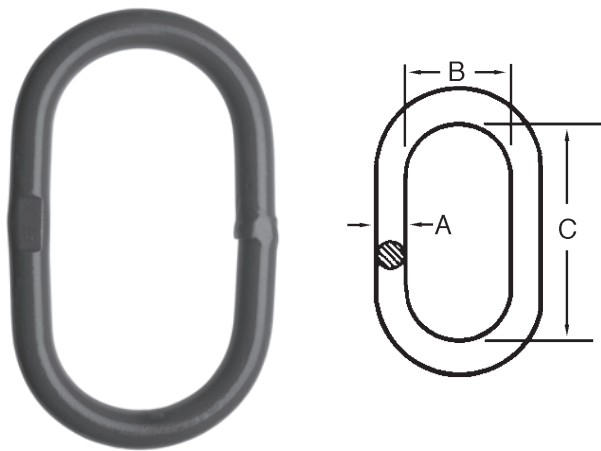


WARNING

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

Cam-Alloy Oblong Links



Link No.	Cat. No.	UPC No. 020418	Approximate Wgt. Each		Working Load Limit 4 to 1	
			lb	kg	lb	kg
CO-0	5685615	079214	.50	.23	4,200	1,900
VO-1	5683215	182549	1.90	.86	8,600	3,900
VO-2	5683315	182556	2.63	1.19	17,600	8,000
VO-3	5683415	182563	6.78	3.08	30,000	13,600
VO-4	5683515	182570	9.20	4.17	45,200	20,500
VO-5	5683615	182587	18.90	8.60	70,600	32,100
VO-6	5683715	182594	28.71	13.00	105,900	48,100
CO-7	5687015	079351	37.80	16.92	102,600	46,600
CO-8	5687215	079375	54.00	24.49	144,600	65,700

Link No.	Nominal Diameter Material A		Inside				Used with Type and Size of Sling					
			Width B		Length C		Single Type S & C		Double Type D		Triple or Quad Type T or Q	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
CO-0	13/32	10	1 1/2	38	3	76	7/32	6	7/32	6	-	-
VO-1	37/64	15	2 1/2	64	5	127	9/32	7	9/32	7	7/32	6
VO-2	13/16	21	3	76	6	152	3/8	10	3/8	10	9/32	7
VO-3	1 1/8	29	4	102	8	203	1/2 or 5/8	13 or 16	1/2	13	3/8	10
VO-4	1 1/4	32	4	102	8	203	3/4	19	5/8	16	1/2	13
VO-5	1 5/8	41	5 1/4	133	10 1/2	267	7/8	22	3/4	19	5/8	16
VO-6	1 7/8	48	6	152	12	305	1	26	7/8	22	3/4	19
CO-7	2	51	7	178	14	356	1 1/4 or 1 1/2	32 or 38	1	26	--	--
CO-8	2 1/4	57	8	203	16	406	-	-	1 1/4 or 1 1/2	32 or 38	7/8 or 1	22 or 26

Dimensions and weights are approximate.

Slings



ADVERTENCIA

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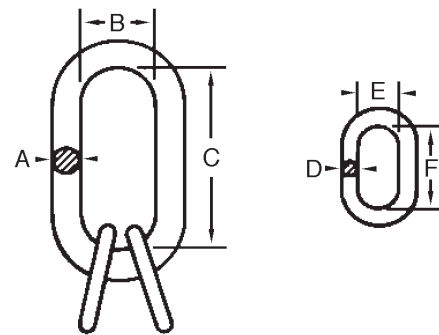
WARNING

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.

Cam-Alloy Oblong, Master Link Sub-Assembly

Chain Size in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
			lb	kg	lb	kg
9/32 7	5682215	182501	4.40	2	12,900	5,900
3/8 10	5682315	182846	9.50	4	26,400	12,000
1/2 13	5682415	182518	16.00	7	45,000	20,500
5/8 16	5682515	182525	31.75	14	67,800	30,800
3/4 20	5682615	182532	50.00	23	105,900	48,100
7/8 22	5682715	167409	65.90	30	128,100	58,200



- For construction of Quad Slings, and Double Basket Slings

Chain Size		Oblong Master Link						Master Coupling Link					
		Nominal Diameter Material A		Inside Dimensions				Nominal Diameter Material D		Inside Dimensions			
				Width B		Length C				Width E		Length F	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	13/16	21	3	76	6	152	17/32	13	1 1/2	38	2 3/4	70
3/8	10	1 1/8	29	4	102	8	203	25/32	20	1 9/16	40	2 7/8	73
1/2	13	1 1/4	32	4	102	8	203	1	25	3	76	5	127
5/8	16	1 5/8	41	5 1/4	133	10 1/2	267	1 1/4	32	4	102	6	152
3/4	20	1 7/8	48	6	152	12	305	1 1/2	38	4	102	6	152
7/8	22	2 1/4	57	8	203	16	406	1 3/4	44	4	102	6	152

Dimensions and weights are approximate.
These items are made to order.

⚠ ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

Quik-Alloy Chain Slings

The Campbell Quik-Alloy system provides proof tested and certified components for easily and quickly assembling all of the popular types of chain slings plus many special slings. Hooks and coupling links have rotating load pins that resist bending and offer shear values equivalent to the chain. The

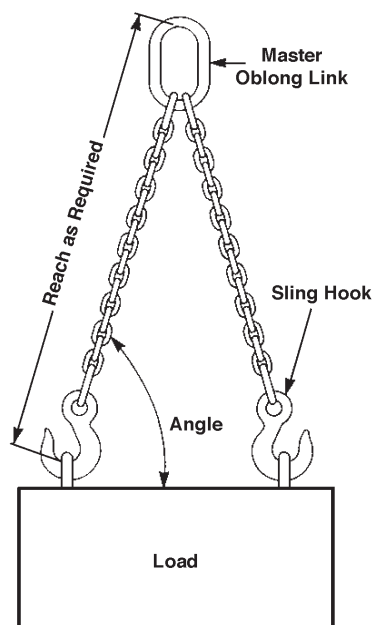
open design of the hooks allows for easy inspection. All Quik-Alloy components are sized and identified according to the chain with which they are to be used. They meet or exceed all OSHA, ANSI, and ASME specifications.

How to Design Quik-Alloy Chain Slings

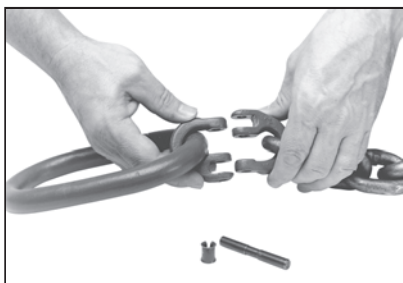
1. Determine the maximum LOAD to be lifted.
2. Choose the TYPE of sling assembly necessitated by the size and dimension of the load.
3. Estimate the approximate ANGLE to the load in which the legs of the assembly will be positioned for operation.
4. Determine the SIZE OF CHAIN ATTACHMENTS by referring to the Assembly Tables that follow. On multi-leg slings, if the distance between the points of attachment equals the reach of the sling, the angle is approximately 60°.
5. Determine the overall REACH (see illustration). Use the Assembly Tables that follow to determine length of Campbell chain to order.
6. Attach field identification tag to all slings. One box of 50-No. 7503506.

For any problem involving reach, angle of lift or working load limit, consult your local Campbell distributor. Remember to use only Campbell "Quik-Alloy" components in assembling chain slings.

SUBSTITUTION OF ANY COMPONENTS WITH PARTS NOT INDICATED ON THE CHART COULD SERIOUSLY DIMINISH THE WORKING LOAD OF THE ASSEMBLY. Do not use any coupling links to repair damaged or broken chain. It is imperative that such chain be replaced.



How to Assemble Quik-Alloy Coupling Links



1. Loop one half of body over the master link at the flat embossed area, the other half through the chain. Fit together.



2. Place stud assembly and alloy locking pin in link as shown.



3. Drive the locking pin in until the snap ring engages the recessed portion of the pin. (Link is disassembled by simply driving locking pin out.)

⚠ ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

How to Use Quik-Alloy Chain Sling Assembly Tables

If the overall reach of your sling is determined to be more than five feet, subtract five feet, then add this difference to the "chain needed" length given on the Assembly Table. If overall reach is less than five feet, subtract reach from five feet. Then subtract the difference from the "chain needed" length in the Assembly Table. All measurements are based on using Quik-Alloy hooks (not Cam-Alloy hooks).

WHEN USING QUIK-ALLOY HOOKS (NOT CAM-ALLOY HOOKS), BE SURE THAT EACH LEG OF A DOUBLE SLING HAS THE SAME, EVEN (DIVISIBLE BY TWO) NUMBER OF LINKS. For triple or quad slings, each leg should have odd numbers of links to compensate for coupling links on master link sub-assembly. When cutting, if the required reach falls within a link, LEAVE THAT LINK. Reach measurements are given as a minimum. Never cut less than specified reach.

Quik-Alloy Chain Sling Assembly Tables

	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
Chain Size	$\frac{9}{32}$	7	$\frac{3}{8}$	10	$\frac{1}{2}$	13	$\frac{5}{8}$	16	$\frac{3}{4}$	19



Single Chain Slings: Types S and C

Working Load Limit	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
	4,300	1,952	8,800	3,995	15,000	6,810	22,600	10,260	35,300	16,026
Master Link Number	VO-1		VO-2		VO-3		VO-3		VO-4	
	Master Link		5683215		5683315		5683415		5683515	
Cat.	QA Sling Hook		5744415		5744615		5744815		5745015	
No.	QA Grab Hook		5724415		5724615		5724815		5725015	
	QA Coupling Link		5779125		5779135		5779145		5779155	
Chain needed	Sling Hook		4'1"		3'10"		3'7"		3'5"	
for 5' reach	Grab Hook		4'3"		4'0"		3'9"		3'8"	



Double Chain Slings: Type D

Working Load Limit	60°	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
		7,500	3,405	15,200	6,901	26,000	77,804	39,100	17,751	61,100	27,739
	45°	6,100	2,769	12,400	5,630	21,200	9,625	32,000	14,528	49,900	22,655
	30°	4,300	1,952	8,800	3,995	15,000	6,810	22,600	10,260	35,300	16,026
Master Link Number		VO-1		VO-2		VO-3		VO-4		VO-5	
		Master Link		5683215		5683315		5683415		5683515	
Cat.		QA Sling Hook		5744415		5744615		5744815		5745015	
No.		QA Grab Hook		5724415		5724615		5724815		5725015	
		QA Coupling Link		5779125		5779135		5779145		5779155	
Chain needed		Sling Hook		4'1"		3'10"		3'7"		3'5"	
for 5' reach		Grab Hook		4'3"		4'0"		3'9"		3'8"	



Triple Chain Slings: Type T and
Quad Chain Slings: Type Q

Working Load Limit	60°	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
		11,200	5,085	22,800	10,351	39,000	17,706	58,700	26,650	91,700	41,632
	45°	9,100	4,131	18,600	8,444	31,800	14,437	47,900	21,747	74,900	34,005
	30°	6,450	2,928	13,200	5,993	22,500	10,215	33,900	15,391	53,000	24,062
Master Link Number		VO-2		VO-3		VO-4		VO-5		VO-6	
		Sub-Assembly		5682215		5682315		5682415		5682515	
Cat.		QA Sling Hook		5744415		5744615		5744815		5745015	
No.		QA Grab Hook		5724415		5724615		5724815		5725015	
		QA Coupling Link		5779125		5779135		5779145		5779155	
Chain needed		Sling Hook		3'10"		3'6"		3'2"		2'10"	
for 5' reach		Grab Hook		3'11"		3'8"		3'4"		2'10"	



ADVERTENCIA

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- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.



WARNING

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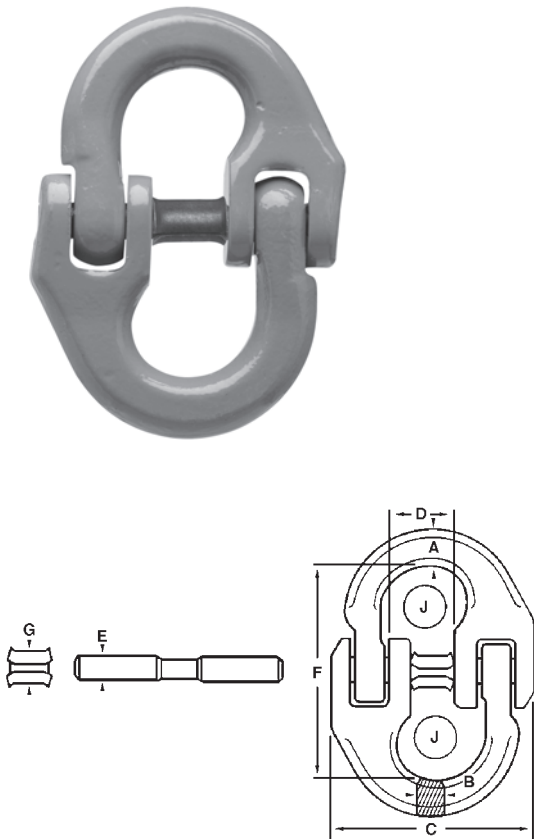
- **DO NOT EXCEED** the working load limits for chain or components.
- **DO NOT USE** if the chain or components are visibly distorted or worn.

Quik-Alloy Coupling Links

How to Assemble:

1. Loop one half body through attachment, the other through chain. Fit together.
2. Place stud assembly and alloy locking pin in link.
3. Drive the locking pin in until the snap ring engages the recessed portion of the pin. (Link is disassembled by simply driving locking pin out.)

4. Per ASME B30.9, Section 9.1.3. "Mechanical coupling links shall not be used within the body of an alloy chain sling to connect two pieces of chain."



Chain Size	in.	mm	System	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
						lb	kg	lb	kg
7/32	5.5	8		5770315	079993	.10	.05	2,100	970
9/32	7	10		5779125	182754	.27	.13	4,300	1,950
3/8	10	10		5779135	182761	.55	.25	8,800	4,000
1/2	13	10		5779145	182860	1.65	.75	15,000	6,800
5/8	16	10		5779155	182778	2.70	1.23	22,600	10,300
3/4 *	19	10		5779165	182785	4.30	1.95	35,300	16,000
7/8 *	22	10		5779175	080050	4.35	1.97	42,700	19,400
1	26	8		5771615	080067	8.43	3.82	47,700	21,600
1 1/4	32	8		5772015	080074	15.74	7.14	72,300	32,800
Pins and Retainers									
9/32	7	10		5784425	182792	.02	.009	-	-
3/8	10	10		5784435	182808	.06	.027	-	-
1/2	13	10		5784445	182815	.11	.050	-	-
5/8	16	10		5784455	182822	.17	.077	-	-
3/4 *	19	10		5784465	182839	.35	.159	-	-
7/8 *	22	10		5784165	181740	-	-	-	-

Chain Size		Dimensions														Max. mat. Dia.	
		A		B		C		D		E		F		G			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
7/32	5.5	17/64	7	7/32	6	15/16	33	7/16	11	5/32	4	1 17/32	39	3/8	10	1/2	13
9/32	7	3/8	10	11/32	9	23/32	44	9/16	14	13/64	5	1 3/8	60	3/8	10	37/64	15
3/8	10	1/2	13	7/16	11	2 3/8	60	13/16	21	5/16	8	2 7/16	62	23/64	9	13/16	21
1/2	13	11/16	17	9/16	14	3	76	1 1/32	26	25/64	10	3 3/8	86	29/64	12	1 3/16	30
5/8	16	13/16	21	23/32	18	3 7/8	98	1 9/32	33	15/32	12	3 29/32	99	35/64	14	1 5/16	33
3/4	20	15/16	24	61/64	24	4 5/8	117	1 9/16	40	9/16	14	4 1/4	121	*	16	1 11/16	43
7/8	22	1 3/16	30	1 1/16	24	5 3/8	137	1 13/16	46	41/64	16	5 5/16	135	*	30	1 7/8	48
1	26	1 15/64	31	1 9/64	29	5 7/8	149	2 1/32	52	11/16	17	5 7/8	149	1 3/8	35	2 1/8	54
1 1/4	32	1 1/2	38	1 3/8	35	7 3/8	187	2 9/32	58	15/16	24	6 15/16	176	1 5/8	41	2 11/32	60

Dimensions and weights are approximate.

* 3/4 and 7/8 use special oversize retainers.

⚠ ADVERTENCIA

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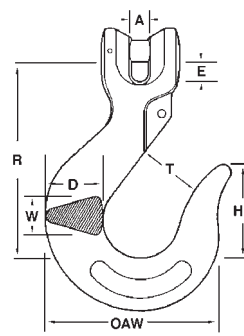
⚠ WARNING

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- DO NOT USE if the chain or components are visibly distorted or worn.

Quik-Alloy Sling Hooks, Regular

Chain Size in. mm	Regular		Approx. Wgt. Each lb kg	Working Load Limit lb kg
	Cat. No.	UPC No. 020418		
9/32 7	5746415	222344	1.5 .68	4,300 1,950
3/8 10	5746615	221606	2.8 1.27	8,800 4,000
1/2 13	5746815	222863	6.6 3.0	15,000 6,800
5/8 16	5747015	225123	10.5 4.76	22,600 10,300
3/4 20	5747215	225147	17.6 7.98	35,300 16,000

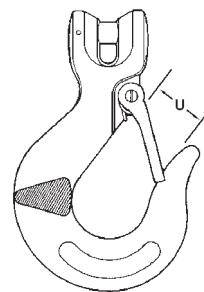


Chain Size in. mm	Dimensions																			
	R		T		U		A		E		Load Pin Dia.		D		W		HP		OAW	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
3/32 7	3 3/4	95	1 1/4	32	1 1/16	27	5/16	8	1 11/32	9	3/8	10	1 1/8	29	3/4	19	1.78	45	3 7/8	98
3/8 10	4 3/4	121	1 5/16	41	1 5/16	33	7/16	11	1 1/2	13	1 1/2	13	1 7/16	37	1	25	2 3/8	60	4 1/2	114
1/2 13	5 3/4	146	1 7/8	48	1 1/2	38	9/16	14	5/8	16	5/8	16	2	50	1 3/8	36	3	76	6	152
5/8 16	7	178	2 3/8	59	1 3/4	44	23/32	18	3/4	19	3/4	19	2 3/8	60	1 1/2	39	3	76	6 9/16	169
3/4 20	7 3/4	197	2 1/2	64	2 3/16	56	13/16	21	7/8	22	15/16	23	2 7/8	74	1 3/4	44	3 3/8	86	7 3/4	197

Dimensions and weights are approximate.

Quik-Alloy Sling Hooks, Latched

Chain Size in. mm	Regular		Approx. Wgt. Each lb kg	Working Load Limit lb kg
	Cat. No.	UPC No. 020418		
9/32 7	5746495	222337	1.5 .68	4,300 1,950
3/8 10	5746695	221576	2.8 1.27	8,800 4,000
1/2 13	5746895	222849	6.6 3.0	15,000 6,800
5/8 16	5747095	225130	10.5 4.76	22,600 10,300
3/4 20	5747295	225116	17.6 7.98	35,300 16,000



Chain Size in. mm	Dimensions																			
	R		T		U		A		E		Load Pin Dia.		D		W		HP		OAW	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32 7	3 3/4	95	1 1/4	32	1 1/16	27	5/16	8	1 11/32	9	3/8	10	1 1/8	29	3/4	19	1.78	45	3 7/8	98
3/8 10	4 3/4	121	1 5/16	41	1 5/16	33	7/16	11	1 1/2	13	1 1/2	13	1 7/16	37	1	25	2 3/8	60	4 1/2	114
1/2 13	5 3/4	146	1 7/8	48	1 1/2	38	9/16	14	5/8	16	5/8	16	2	50	1 3/8	36	3	76	6	152
5/8 16	7	178	2 3/8	59	1 3/4	44	23/32	18	3/4	19	3/4	19	2 3/8	60	1 1/2	39	3	76	6 9/16	169
3/4 20	7 3/4	197	2 1/2	64	2 3/16	56	13/16	21	7/8	22	15/16	23	2 7/8	74	1 3/4	44	3 3/8	86	7 3/4	197

Dimensions and weights are approximate.

⚠ ADVERTENCIA

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⚠ WARNING

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- **DO NOT USE** if the chain or components are visibly distorted or worn.

Quik-Alloy Latches (Old Style)



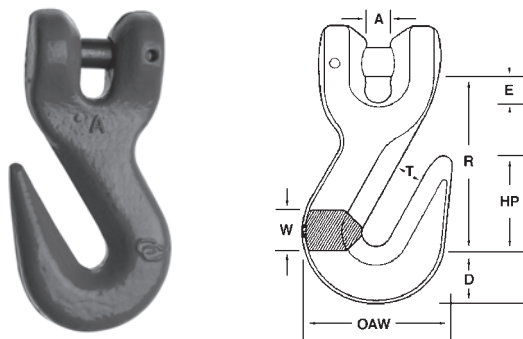
Chain Size		Sling Hook	Sling Hook with Latch	Standard Latch No.
in.	mm			
9/32	7	5744415	5744495	3990401
3/8	10	5744615	5744695	3990601
1/2	13	5744815	5744895	3990801
5/8	16	5745015	5745095	3991001
3/4	20	5745215	5745295	3991101

Quik-Alloy Latches (New Style)



Chain Size		Sling Hook	Sling Hook with Latch	Standard Latch No.
in.	mm			
9/32	7	5646415	5646495	7506495
3/8	10	5646615	5646695	7506695
1/2	13	5646815	5646895	7506895
5/8	16	5647015	5647095	7507095
3/4	20	5647215	5647295	7507295

Quik-Alloy Grab Hooks



Chain Size		Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
in.	mm			lb	kg	lb	kg
9/32	7	5724415	182600	.5	.23	4,300	1,950
3/8	10	5724615	182617	1.6	.73	8,800	4,000
1/2	13	5724815	182624	2.6	1.18	15,000	6,800
5/8	16	5725015	182631	5.2	2.36	22,600	10,300
3/4	20	5725215	182648	10.5	4.77	35,300	16,000

Chain Size		Dimensions									
in.	mm	R		T		A		E		Load Pin Dia.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
9/32	7	2 11/32	60	3/8	10	5/16	8	1 11/32	9	3/8	10
3/8	10	2 29/32	74	1/2	13	7/16	11	1/2	13	1 1/4	32
1/2	13	3 23/32	94	2 1/32	17	9/16	14	5/8	16	1 1/2	38
5/8	16	4 7/16	113	2 5/32	20	2 3/32	18	3/4	19	1 3/4	44
3/4	20	5 1/8	130	3 1/32	25	1 3/16	21	7/8	22	2 1/8	54

Dimensions and weights are approximate.
Note: Use of chain in a grab hook may reduce the breaking load of the chain by up to 20%

⚠ ADVERTENCIA

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- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

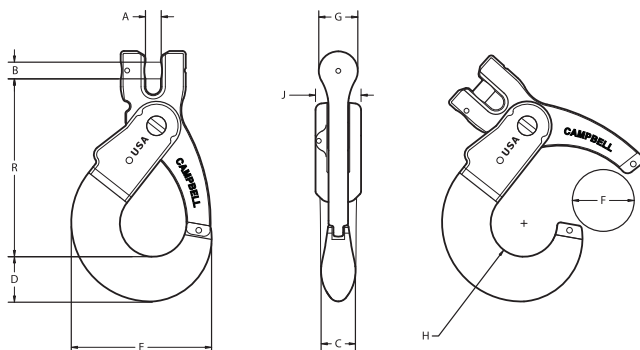
⚠ WARNING

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.

Cam-Lok Self-locking Clevis Hooks

- Fatigue tested to ASTM A952
- Meets the intent of OSHA regulation 1926.550(g)(4)(iv)(b)
- Latch closes automatically under load
- Integrated forged latch with positive lock capability
- Trigger assembly is completely replaceable



Chain Size in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each		Working Load Limit	
			lb	kg	lb	kg
9/32 7	5748495	193309	2.35	1.06	4,300	1,950
3/8 10	5748695	193316	4.1	1.86	8,800	4,000
1/2 13	5748895	193323	8.75	3.97	15,000	6,800
5/8 16	5749095	193330	13.3	6.03	22,600	10,300

Chain Size in. mm	Dimensions											
	A	B	C	D	E	F	G	H	J	R		
9/32 7	0.312	7.9	0.375	9.5	0.938	23.8	1.020	25.9	3.594	91.3	1.625	41.3
3/8 10	0.438	11.3	0.500	12.7	1.125	28.6	1.250	31.8	4.312	109.5	1.875	47.6
1/2 13	0.563	14.3	0.625	15.9	1.312	33.3	1.796	45.6	5.404	137.3	2.250	57.2
5/8 16	0.719	18.3	0.750	19.0	1.500	38.1	2.169	55.1	6.500	165.1	2.375	60.3

Cam-Lok Repair Kits

Repair Kit Contents:

- Pivot Pin
- Drive Pins (3)
- Trigger
- Trigger Spring
- Spring Alignment Insert

Hook Size in. mm	Cat. No.	UPC No. 020418
9/32 7	5788495	207518
3/8 10	5788695	207525
1/2 13	5788895	210600
5/8 16	5789095	211874



5788495

⚠ ADVERTENCIA

Para prevenir la posibilidad de una lesión personal sería:

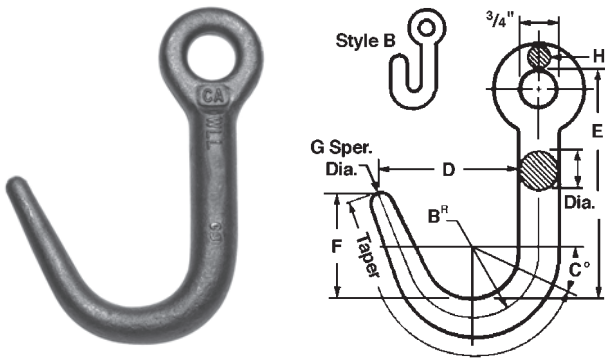
- **NO EXCEDA** los límites de carga de las cadenas o componentes.
- **NO LA UTILICE** si la cadena o los componentes están visualmente distorsionados o gastados.

⚠ WARNING

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Miscellaneous Cam-Alloy Sling Products "J" Hooks

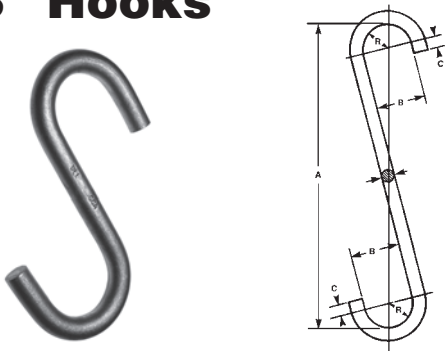


Style	Nominal Diameter Material in. mm	Cat. No.	UPC No. 020418	Approx. Weight Each lb kg		Working Load Limit lb kg	
A	3/4 19	5616215	078484	1.2	.54	2,250	1,000
B	1 26	5616615	078491	2.8	1.27	3,600	1,600
*A	1 26	5616616	189777	2.8	1.27	3,600	1,600

Style	Nominal Diameter Material in. mm		Dimensions											
			B^R in. mm		C° Angle	D in. mm		E in. mm		F in. mm		G in. mm		H in. mm
A	3/4	19	1.31	33	25	2.69	68	4.38	111	2.06	52	.38	10	15/32 12
B	1	26	2.00	51	90	3.64	92	6.75	171	4.00	102	.28	7	15/32 12
*A	1	26	2.00	51	90	4.13	105	6.75	171	3.88	99	.28	7	15/32 12

* Available on special order only.
Dimensions and weights are approximate.

"S" Hooks



Nominal Diameter Material in. mm	Cat. No.	UPC No. 020418	Dimensions								Approx. Weight Each lb kg		Working Load Limit lb kg	
			A in. mm		B in. mm		C in. mm		R in. mm					
9/32 7	5610405	078262	2.75	70	.75	19	.38	10	.38	10	.07	.03	250	110
3/8 10	5610605	078279	4.13	105	1.13	29	.56	14	.56	14	.33	.15	500	200
1/2 13	5610805	078286	5.50	140	1.50	38	.75	19	.75	19	.59	.27	1,000	500
5/8 16	5611005	078293	7.00	178	1.88	48	.94	24	.94	24	1.24	.56	1,500	700
3/4 19	5611205	078309	8.25	210	2.25	57	1.13	29	1.13	29	2.31	1.05	2,000	900
7/8 22	5611405	181580	9.63	245	2.63	67	1.31	33	1.31	33	3.05	1.38	2,700	1,200
1 26	5611605	078323	11.00	279	3.00	76	1.50	38	1.50	38	4.45	2.02	3,200	1,500
1 1/8 29	5611805	180125	12.13	308	3.38	86	1.69	43	1.69	43	6.48	2.94	3,500	1,600

Dimensions and weights are approximate.
These items are made to order.

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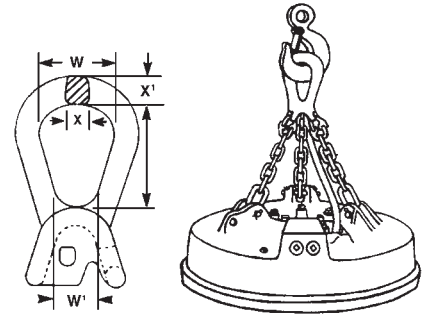
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Magnet Chains (bell type)

The Campbell Magnet Bell

- Alloy casting with no moving parts
- Designed for operational ease and long life
- Supplied with Quik-Alloy® coupling links
- Equally spaced legs
- All legs operate without twist
- Entire assembly is proof tested alloy steel
- Bell stands upright when at rest



Chain Size		Cat. No.	UPC No. 020418	Magnet Diameter		Standard Total Reach†		Length of Two Links		Approx. Wgt. of Assy.		Approx. Wgt. of Bell Only		Assembly Working Load Limit		
in.	mm			in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lb	kg	lb
Bell Type																
3⁄4	20	0431235	179938	39-44	991-1118	33½	851	4¾	111	75	34	37	17	59,700	27,100	
7⁄8	22	0431435	179946	44-45	1118-1143	35½	902	4⁷⁄₈	124	92	42	37	17	74,700	33,900	
1	26	0431635	179952	45- 60	1143 - 1524	39½	1003	5⁵⁄₈	143	137	62	60	27	100,600	45,700	
1¼	32	0432035	179969	60 & over	1524 & over	49½	1257	7	178	281	127	124	56	149,400	67,800	

Dimesions																			
Chain Size in. mm		Bell Dimensions										End Link Dimensions						Length of Two Links in. mm	
												Inside Dimensions							
		X1 in. mm		X in. mm		W in. mm		L in. mm		W1 in. mm		Dia. in. mm		Width in. mm		Length in. mm			
Bell Type																			
3⁄4	20	2	51	2	51	4¼	108	7	178	3	76	7⁄8	22	2	51	6	152	4¾	111
7⁄8	22	2	51	2	51	4¼	108	7	178	3	76	1	25	2⅛	54	6	152	4⅞	124
1	26	2¾	70	2¼	57	5⅜	132	8	203	3½	89	1⅞	29	2¼	57	6	152	5⅝	143
1¼	32	2½	64	2½	64	7½	191	11	279	6	152	1½	38	2⅝	67	7	178	7	178

† Reach shown is standard unless otherwise specified. If additional reach is required, add 2 link increments to each leg. Dimensions and weights are approximate. These items are made to order.

Field I.D. Tags

These tags are designed for field attachment. They are prestamped for easy addition of reach, working load limit, chain size, chain grade and sling serial number. Each steel tag measures 1 1/2" x 4 1/8" x 5/32" thick and has a 1 1/16"-diameter hole. Cut at top of tag allows you to attach to sling link. Also available solid (without split).

Box of 50 tags (order unit is "Carton").

Cat. No.	Type	UPC No. 020418	Tags Per Carton
7503506	Split	135309	50
7503506C	Solid	217319	50



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Cat. No.	Page	Cat. No.	Page	Cat. No.	Page	Cat. No.	Page
0400312	158, 159	5647295	171, 182	5779145	179, 180		
0401612	158, 159	5648495	174	5779155	179, 180		
0402012	158, 159	5648695	174	5779165	179, 180		
0405212	158, 159	5648895	174	5779175	180		
0405412	158, 159	5649095	174	5784165	180		
0405512	158, 159	5661615	172	5784425	180		
0405612	158, 159	5662015	172	5784435	180		
0405712	158, 159	5664415	172	5784445	180		
0405812	158, 159	5664615	172	5784455	180		
0431235	185	5664815	172	5784465	180		
0431435	185	5665015	172	5788495	174, 183		
0431635	185	5665215	172	5788695	174, 183		
0432035	185	5665415	172	5788895	174, 183		
3990401	171, 182	5682215	177, 179	5789095	174, 183		
3990601	171, 182	5682315	177, 179	5798495	175		
3990701	171	5682415	177, 179	5798695	175		
3990801	182	5682515	177, 179	5798895	175		
3991001	171, 182	5682615	177, 179	5799095	175		
3991101	182	5682715	177	7503506	185		
3991409	171	5683215	176, 179	7503506C	185		
5610405	184	5683315	176, 179	7506495	171, 182		
5610605	184	5683415	176, 179	7506695	171, 182		
5610805	184	5683515	176, 179	7506895	171, 182		
5611005	184	5683615	176, 179	7507095	171, 182		
5611205	184	5683715	176	7507295	171, 182		
5611405	184	5685615	176				
5611605	184	5687015	176				
5611805	184	5687215	176				
5616215	184	5724415	179, 182				
5616615	184	5724615	179, 182				
5616616	184	5724815	179, 182				
5621615	173	5725015	179, 182				
5622015	173	5725215	179, 182				
5624415	173	5744415	179, 182				
5624615	173	5744495	182				
5624815	173	5744615	179, 182				
5625015	173	5744695	182				
5625215	173	5744815	179, 182				
5625415	173	5744895	182				
5641615	170, 171	5745015	179, 182				
5641695	171	5745095	182				
5644415	171	5745215	179, 182				
5644495	171	5745295	182				
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5644695	171	5746495	181				
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5645095	171	5746895	181				
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5645295	171	5747095	181				
5645415	170, 171	5747215	181				
5645495	171	5747295	181				
5646415	170, 171, 182	5748495	183				
5646495	171, 182	5748695	183				
5646615	170, 171, 182	5748895	183				
5646695	171, 182	5749095	183				
5646815	170, 171, 182	5770315	180				
5646895	171, 182	5771615	180				
5647015	170, 171, 182	5772015	180				
5647095	171, 182	5779125	179, 180				
5647215	170, 171, 182	5779135	179, 180				