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CHAIN USAGE

ASME B30.9c-2000
Standards on Alloy Steel Chain Slings
Selection, Use, and Maintenance

These Specifications apply to slings made from Grade 80 alloy chain manufactured and tested in accordance with NACM Welded Steel Chain Specifications —1990. If chain other than that is used, it shall be used in accordance with the
recommendations of the manufacturer of the chain.

Rated Loads of Alloy Steel Chain Slings

Rated loads for alloy steel chain slings shall conform to the values shown in Table 1 of the *ASME SP. B30.9 Standards on Alloy Steel Chain Slings,* Section ASME B30.9c-2000. Rated loads shown in Table 1 are based on a design factor of 4.

Sling Identification

Alloy steel chain slings covered by this Standard shall have permanently affixed durable identification stating size, manufacturer's grade, rated load and angle upon which the rating is based, reach, number of legs, and sling manufacturer.

Effects of Environment

When the chain sling becomes heated to a temperature in excess of 600º F (316º C), rated loads shall be reduced in accordance with the chain manufacturer's recommendations regarding usage both while heated and after being heated. The chain manufacturer should be consulted when chain slings are to be used in temperatures of –40º F (–40º C) or below. The strength of slings can be affected by chemically active environments as sling materials may be susceptible to damage from caustic or acid substances or fumes; strongly oxidizing environments attack all common sling materials. The manufacturer should therefore be consulted before slings are used in chemically active environments.

Attachments

Hooks, rings, oblong links, pear–shaped links, welded or mechanical coupling links or other attachments shall have a rated load at least equal to that of alloy steel chain with which they are used. In those special cases where particular usage
makes this impractical, the sling shall be marked with a rated load consistent with the least working load rating of any component.

Standard attachments should be of a size recommended by the sling manufacturer. All welded components in the sling assembly shall be proof load tested as components or as part of the sling assembly.

Makeshift fasteners, hooks, or links formed from bolts, rods, etc., or other such attachments shall not be used. Nonstandard end fittings designed by a qualified person may be used. Where used, handles shall be welded to the master link or hook prior to heat treating.

Hook characteristics shall meet the requirements of ASME/ANSI B30.10.

Inspection Classification

(A) Initial Inspection. Prior to use, all new, altered, modified, or repaired slings shall be inspected by a designated person to insure compliance with the applicable provisions of Sections 9–1.1 through 9–1.5 of this Standard.

(B) Inspection procedure for chain slings in regular service is divided into two general classifications based upon the interval at which inspection should be performed. The intervals in turn are dependent upon the degree of exposure of the sling components to wear and deterioration. The two general classifications are herein designated as *frequent* and *periodic* with respective intervals between inspections as defined below.

(1) Frequent Inspection. Visual examinations by the user or other designated personnel with records not required.
- (a) Normal service — monthly
- (b) Severe service — daily to weekly
- (c) Special or infrequent service — as recommended by a qualified person before and after each occurrence.

(2) Periodic Inspection. Visual inspection by a designated person making a record of the inspection or of apparent conditions to provide basis for a continuing evaluation.
- (a) Normal service — yearly
- (b) Severe service — monthly–quarterly
- (c) Special or infrequent service — as recommended by a qualified person before the first such occurrence and as directed by the qualified person for any subsequent occurrences.

Frequent Inspection

Slings shall be inspected for defects and damage at intervals as defined in para 9–1.6.1(b)(1) of Standards. In addition, visual observations should be conducted during regular service for any damage or evidence of malfunction that appears between regular inspections. Any deficiencies such as listed shall cause the
sling to be set aside for periodic inspection.

(A) Check Chain and attachments for wear, nicks, cracks, breaks, gouges, stretch, bends, weld splatter, discoloration
from excessive temperature, and throat opening of hooks.
- (1) Chain links and attachments should hinge freely with adjacent links.
- (2) Latches on hook, if present, should hinge freely and seat properly without evidence of permanent distortion.

Periodic Inspection

Complete link by link inspections of the slings shall be performed at intervals as defined in para. 9–1.6.1(b)(2) of Standards.

Any deficiencies, such as listed, shall be examined and determination made as to whether they constitute a hazard. These
inspections shall include the requirements of para. 9–1.6.2 and, in addition, items such as the following:

(A) Each link and each attachment shall be examined individually, taking care to expose inner link surfaces of the chain and chain attachments to inspect for those items defined in para. 9–1.6.2.

CHAIN USAGE (CONTINUED)

(1) Worn links should not exceed values given in Table 2 of Standards or that which is specifically recommended by the manufacturer.
(2) Sharp transverse nicks and gouges should be rounded out by grinding and the depth of the gouge or rounded out portion should not exceed values given in Table 2 of Standards.
(3) Hooks should be inspected in accordance with ASME/ANSI B30.10.
(4) If present, latches on hooks should seat properly, rotate freely, and show no permanent distortion.

Proof Test

Prior to use, the welded components of all new slings shall be proof tested by the component or sling manufacturer to twice the rated load.

All repaired or reconditioned slings that require heat treating or welding shall be proof tested to twice the rated load, with written records kept of such testing.

The proof load for multiple leg slings should be applied to the individual legs and shall be twice the rated load of a single leg sling. Mechanically assembled slings need not be proof tested provided all welded components have been proof tested.

Repairs

(A) Any hazardous condition disclosed by the inspection requirements of para. 9–1.6.1 shall be corrected before use of the chain or sling is resumed.
(B) Repairs shall be made only by the chain manufacturer or qualified personnel.
(C) When repairs are made, the following criteria shall be followed:
(1) Alloy steel chain and coupling links used for repair shall conform to the strength requirements and other requirements of the Standard. Cracked, broken, or bent links shall not be repaired; they shall be replaced.
(2) When repaired, a sling shall be permanently marked to identify the repairing
(3) Attachments which are used for repair shall conform to the strength requirements and other requirements of this Standard. Cracked, broken, or bent attachments shall not be repaired; they shall be replaced.

Operating Practices

a Slings having suitable characteristics for the type of load, hitch, and environment shall be selected in accordance with the requirements of Section 9–1.4.
b The weight of load shall be within the rated load of the sling.
c Slings shall not be shortened or lengthened by knotting, twisting, or other methods not approved by the sling manufacturer.
d Slings that appear to be damaged shall not be used unless inspected and accepted as usable under Section 9–1.6.
e The sling shall be hitched or rigged in a manner providing control of the load.
f Sharp corners in contact with the sling should be padded with material of sufficient strength to minimize damage to the sling.
g Portions of the human body should be kept from between the sling and the load, from between the sling and the crane hook or hoist hook.
h Personnel should stand clear of suspended load.
i Personnel shall not ride the sling.
j Shock loading should be avoided.
k Slings should not be pulled from under a load when the load is resting on the sling.
l Slings should be stored in an area where they will not be subjected to mechanical damage, corrosive action, moisture, extreme heat, or kinking.
m Twisting and kinking the legs shall be avoided.
n The load applied to the hook should be centered in the base (bowl) of hooks to prevent point loading on the hook, unless the hook is designed for point loading.
o During lifting, with or without load, person shall be alert for possible snagging.
p In a basket hitch, the load should be balanced to prevent slippage.
q The sling's legs should contain or support the load so that the load remains under control.
r Multiple leg slings shall be selected when used at the specific angles. Operation at other angles shall be limited to rated loads of the next lower angle given in the table or calculated trigonometrically (see para. 9– 2.2.1(d)) so as to not introduce into the leg itself a load in direct tension greater than that permitted.
s Slings should be long enough so that the rated load is adequate when the angle of the legs is taken into consideration.
t Slings should not be dragged on the floor or over an abrasive surface.
u When used in a choker hitch arrangement, slings shall be selected to prevent load developed on any portion of the sling from exceeding the rated load of the sling components.

from *An American National Standard*
Safety Standard for Cableways,
Cranes, Derricks, Hoists, Hooks, Jacks, and Slings
ASME B30.9c-2000
Addenda to ASME B30.9–1990 Slings
The American Society of Mechanical Engineers
United Engineering Center, 345 East 47th Street
New York, N. Y. 10017

ORDERING SLINGS AND CHAIN STYLES

Ordering LiftPRO Alloy Mechanical Chain Slings

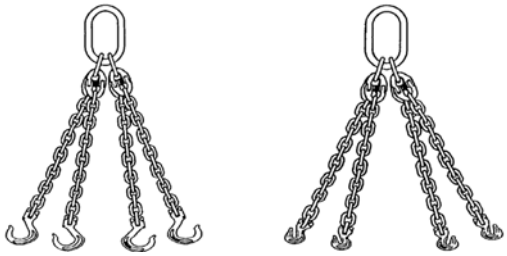
1. Determine size of chain needed to lift the load
2. Determine number of legs as dictated by weight or balance considerations
3. Determine reach of sling, which is measured from bearing point to bearing point

Chain Slings are Manufactured with a 4:1 Design Factor

TYPE	SINGLE TYPE SLINGS
SOO	Single Chain with Master Link Each End
SOS	Single Chain with Master Link and Sling Hook
SOG	Single Chain with Master Link and Grab Hook
SSS	Single Chain with Sling Hook on Each End
SGG	Single Chain with Grab Hook on Each End
SGS	Single Chain with Grab Hook and Sling Hook
	Chain Slings have 4:1 Design Factor

TYPE	DOUBLE TYPE SLINGS
DOS	Double Chain with Master Link and Sling Hooks
DOG	Double Chain with Master Link and Sling Hooks
	Chain Slings have 4:1 Design Factor

TYPE	TRIPLE TYPE SLINGS
TOS	Triple Chain with Master Link and Sling Hooks
TOG	Triple Chain with Master Link and Sling Hooks
	Chain Slings have 4:1 Design Factor

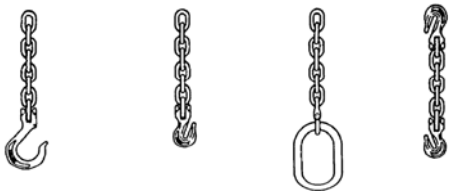


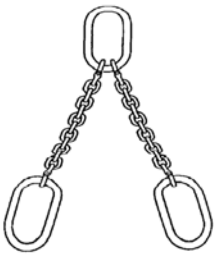
TYPE	QUADRUPLE TYPE SLINGS
QOS	Quadruple Chain with Master Link and Sling Hooks
QOG	Quadruple Chain with Master Link and Sling Hooks
	Chain Slings have 4:1 Design Factor

TYPE	SINGLE & DOUBLE TYPE SLINGS
SOS-B	Adjustable Single Chain with Master Link and Sling Hooks
DOS-B	Adjustable Double Chain with Master Link and Sling Hooks
	Chain Slings have 4:1 Design Factor

GRADE 80 CHAIN WORKING LOAD LIMITS

SINGLE TYPE SLINGS					
Grade 80	Oblong Master Link (In)			WLL* in Lbs.	
Chain Size (In)	Nom. Dia.	Inside Width	Inside Length	90 Degree Angle	Single Choker Hitch
9/32	1/2	2-1/2	5	3,500	2,625
3/8	3/4	2-3/4	5-1/2	7,100	5,325
1/2	1	3-1/2	7	12,000	9,000
5/8	1	3-1/2	7	18,100	13,575
3/4	1-1/4	4-3/8	8-3/4	28,300	21,225
7/8	1-1/2	5-1/4	10-1/2	34,200	25,650
1	1-3/4	6	12	47,700	35,775
* Working Load Limits					
Chain Slings have 4:1 Design Factor					





SINGLE	
Attachment, One End	
Grade 80 Chain Size (In)	90 Degree WLL*
9/32	3,500
3/8	7,100
1/2	12,000
5/8	18,100
3/4	28,300
7/8	34,200
1	47,700
* Working Load Limits	
4:1 Design Factor	

DOUBLE - 2 LEGS				
Grade 80	Single Basket			
Chain Size (In)	Nom. Dia.	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	1/2	6,100	4,900	3,500
3/8	3/4	12,300	10,000	7,100
1/2	1	20,800	17,000	12,000
5/8	1-1/4	31,300	25,600	18,100
3/4	1-1/2	49,000	40,000	28,300
7/8	1-3/4	59,200	48,400	34,200
1	2	82,600	67,400	47,700
* Working Load Limits				
Chain Slings have 4:1 Design Factor				

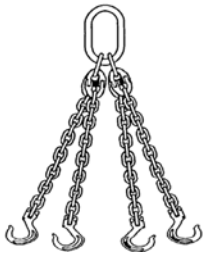
***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 80 CHAIN WORKING LOAD LIMITS

DOUBLE - 2 LEGS						
	Oblong Master Link (In)					
Grade 80 Chain Size (In)	Nom. Dia.	Inside Width	Inside Length	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	1/2	2-1/2	5	6,100	4,900	3,500
3/8	3/4	2-3/4	5-1/2	12,300	10,000	7,100
1/2	1	3-1/2	7	20,800	17,000	12,000
5/8	1-1/4	4-3/8	8-3/4	31,300	25,600	18,100
3/4	1-1/2	5-1/4	10-1/2	49,000	40,000	28,300
7/8	1-3/4	6	12	59,200	48,400	34,200
1	2	7	14	82,600	67,400	47,700
* Working Load Limits						
Chain Slings have 4:1 Design Factor						

TRIPLE - 3 LEGS						
	Oblong Master Link (In)					
Grade 80 Chain Size	Nom. Dia.	Inside Width	Inside Length	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	3/4	2-3/4	5-1/2	9,100	7,400	5,200
3/8	1	3-1/2	7	18,400	15,100	10,600
1/2	1-1/4	4-3/8	8-3/4	31,200	25,500	18,000
5/8	1-1/2	5-1/4	10-1/2	47,000	38,400	27,100
3/4	1-3/4	6	12	73,500	60,000	42,400
7/8	2	7	14	88,900	72,500	51,300
1	2-1/4	8	16	123,900	101,200	71,500
* Working Load Limits						
Chain Slings have 4:1 Design Factor						



QUAD - 4 LEGS						
	Oblong Master Link (In)					
Grade 80 Chain	Nom. Dia.	Inside Width	Inside Length	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	3/4	2-3/4	5-1/2	9,100	7,400	5,200
3/8	1	3-1/2	7	18,400	15,100	10,600
1/2	1-1/4	4-3/8	8-3/4	31,200	25,500	18,000
5/8	1-1/2	5-1/4	10-1/2	47,000	38,400	27,100
3/4	1-3/4	6	12	73,500	60,000	42,400
7/8	2	7	14	88,900	72,500	51,300
1	2-1/4	8	16	123,900	101,100	71,500
* Working Load Limits						
Chain Slings have 4:1 Design Factor						

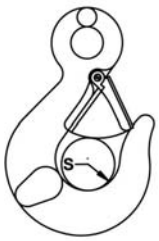
***⚠WARNING**

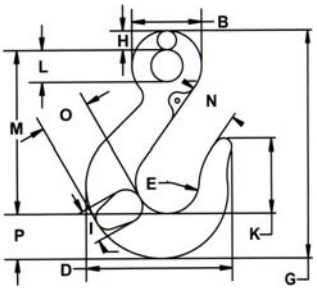
DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 80 CHAIN ATTACHMENTS

Eye Sling Hook

- Individually proof tested
- Painted orange
- Raised markings to assist proper application
- Replacement latch and pin kits available

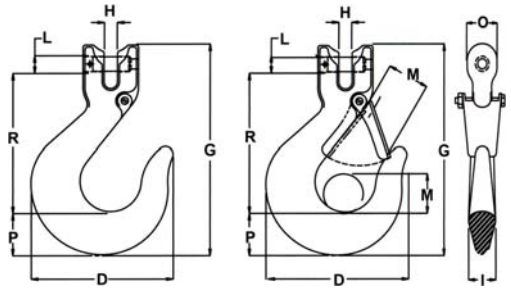




Eye Sling Hook without Latch Specifications																				
			Product	Product																
Chain size		WLL*	Code	Code	Latch	Dimensions (inches)														Wt.
(in.)	mm	(lbs.)*	w Latch	w/o Latch	Kit	B	D	E	G	H	I	K	L	M	N	O	P	S	(lbs.)
7/32	5.5	2,100	558544	458544	595461	-	3.31	1.44	4.30	0.38	0.78	1.25	0.75	3.06	1.25	1.00	0.86	1.11	0.66
9/32	7	3,500	558322	458722	595523	1.62	3.50	1.50	5.25	0.44	0.73	1.59	0.75	3.75	1.19	1.20	1.05	1.06	1.10
3/8	10	7,100	558325	458725	595525	2.06	4.33	1.88	6.64	0.56	0.95	2.19	0.94	4.78	1.44	1.45	1.28	1.31	1.90
1/2	13	12,000	558328	458728	595528	2.63	5.50	2.25	8.16	0.75	1.17	2.56	1.13	5.69	1.78	1.94	1.66	1.63	4.00
5/8	16	18,100	558329	458729	595529	3.06	6.34	2.63	9.66	0.88	1.44	2.63	1.31	6.50	2.03	2.38	2.19	1.75	7.30
3/4	20	28,300	558330	458730	595530	3.50	7.83	3.00	11.38	1.00	1.69	3.44	1.50	7.81	2.50	2.83	2.51	2.19	12.00
7/8	22	34,200	558332	595532	595532	3.88	8.59	3.38	12.72	1.09	1.94	3.88	1.69	8.75	2.78	3.22	2.84	2.38	18.10
1	26	47,700	558333	595533	595533	4.31	9.59	4.00	14.23	1.22	2.14	4.25	1.88	9.88	3.13	3.55	3.09	2.78	22.60
1-1/4	32	72,300	558335	458735	595535	5.31	11.28	4.66	17.00	1.50	2.62	4.64	2.31	11.50	3.88	4.25	3.89	3.41	47.00

Clevlok Sling Hook

- Attaches quickly to chain
- Individually proof tested
- Painted orange
- Raised markings to assist proper application
- Replacement latch and pin kits available



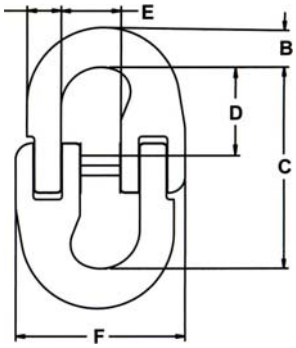
Clevlok Sling Hook (Eye Style) without Latch Specifications															
			Product	Product											
Chain size		WLL*	Code	Code	Latch	Dimensions (inches)									Wt.
(in.)	(mm)	(lbs.)*	with Latch	w/o Latch	Kit	D	G	H	I	L	M	O	P	R	(lbs.)
9/32	7	3,500	658318	658338	595523	3.5	5.16	0.33	0.73	0.36	3.44	1.20	1.05	1.06	1.20
3/8	10	7,100	658319	658339	595525	4.34	6.67	0.45	0.95	0.51	4.47	1.45	1.28	1.31	2.30
1/2	13	12,000	658320	658340	595528	5.50	8.00	0.59	1.17	0.63	5.27	1.94	1.66	1.56	4.33
5/8	16	18,100	658321	658341	595529	6.28	9.69	0.75	1.44	0.75	6.08	2.38	2.19	1.75	8.10
3/4	20	28,300	658322	658342	595530	7.83	11.69	0.88	1.69	0.91	7.34	2.83	2.56	2.19	12.70

***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 80 CHAIN ATTACHMENTS

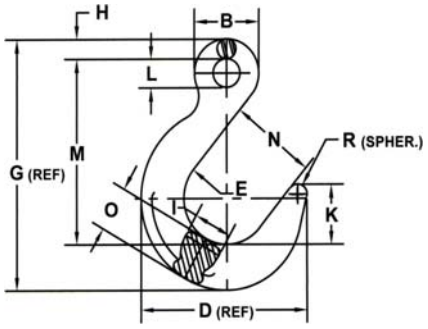
Hammerlok Coupling



Hammerlok Coupling Link Specifications									
Chain size		WLL*	Product						Weight
(in.)	(mm)	(lbs.)*	Code	A	B	C	D	E*	
7/32	5.5	2,100	664021	0.25	1.41	.60	0.44	1.32	.12
9/32	7	3,500	664028	0.31	1.94	.86	0.55	1.57	.26
3/8	10	7,100	664038	0.48	2.41	1.04	0.81	2.20	.59
1/2	13	12,000	664050	0.66	3.40	1.48	1.18	3.04	1.42
5/8	16	18,100	664062	0.78	4.06	1.78	1.43	3.69	2.35
3/4	20	28,300	664075	0.94	4.78	2.11	1.74	4.16	3.67
7/8	22	34,200	664089	1.05	5.25	2.28	1.89	5.19	5.98
1	26	47,700	664100	1.25	6.00	2.62	2.36	6.08	9.47
1-1/4	32	72,300	664125	1.53	6.81	2.96	2.70	7.58	16.61

Eye Foundry Hook

- Up to a 6" throat opening
- “I” beam body for grip when removing from load
- CM Hammerlok’s work well when attaching to chain
- Sizes to 1-1/4" with working load limits up to 72,300 lbs.



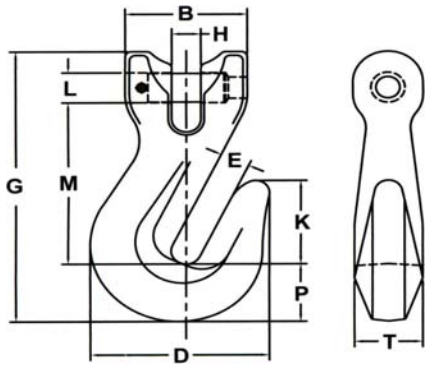
Foundry Hook																
Chain size		WLL*	Product	Dimensions (inches)												Wt.
(in.)	(mm)	(lbs.)*	Code	B	D	E	G	H	I	K	L	M	N	O	R	(lbs.)
9/32	7	3,500	474498	1.56	4.75	2.50	6.45	0.47	1.00	1.56	0.63	4.75	2.50	1.23	0.25	2.4
3/8	10	7,100	474499	2.00	5.75	3.00	7.88	0.63	1.27	1.88	0.75	5.75	3.00	1.50	0.31	4.5
1/2	13	12,000	474500	2.50	6.75	3.50	9.38	0.75	1.50	2.22	1.00	6.88	3.50	1.75	0.38	7.1
5/8	16	18,100	474501	3.00	7.81	4.00	10.97	0.88	1.81	2.63	1.25	8.06	4.00	2.03	0.44	11.6
3/4	20	28,300	474502	3.50	9.13	4.50	12.81	1.00	2.20	3.00	1.50	9.25	4.50	2.56	0.50	20.0
7/8	22	34,200	474503	4.00	10.14	5.00	14.23	1.13	2.25	3.38	1.75	10.38	5.00	2.78	0.56	26.0
1	26	47,700	474504	4.50	11.13	5.50	15.84	1.25	2.59	3.75	2.13	11.56	5.50	3.03	0.62	36.8
1-1/4	32	72,300	474505	5.13	12.84	6.00	18.03	1.38	3.17	4.25	2.38	12.88	6.00	3.81	0.75	58.4

***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 80 CHAIN ATTACHMENTS

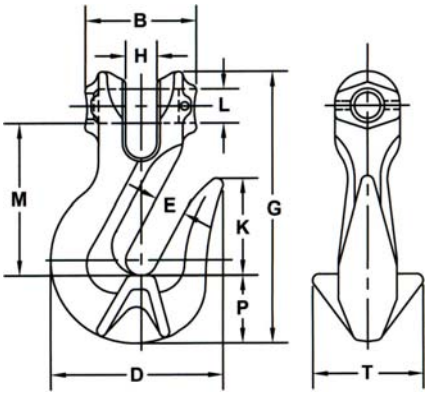
Clevlok Grab Hook



- Designed without lugs for applications where lugs are not wanted
- CM's clevlok design for easy assembly to chain
- Replacement pins available
- Painted orange

Clevlok Grab Hook																
Chain size		WLL*	Product	Load	Retainer											
(in.)	(mm)	(lbs.)*	Code	Pin	Pin	B	D	E	G	H	K	L	M	P	T	Wt.
9/32	7	3,500	559232	595780	602326	1.36	1.91	0.36	3.70	.33	1.04	.36	2.29	.76	.81	.6
3/8	10	7,100	559235	595782	495821	1.90	2.78	0.47	4.81	.45	1.49	.51	2.87	1.03	1.06	1.3
1/2	13	12,000	559238	595782	495822	2.31	3.62	0.59	6.35	.59	1.98	.63	3.78	1.51	1.38	2.5
5/8	16	18,100	559239	495783	659232	2.87	4.41	0.75	7.74	.75	2.39	.75	4.82	1.80	1.69	4.4

Clevlok Cradle Grab Hook



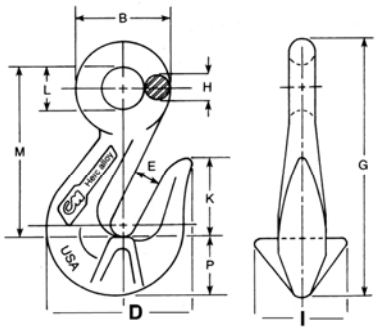
- Attaches quickly to chain
- CM's unique cradle grab design
- Replacement pins available
- Painted orange
- Raised markings to assist proper application

Clevlok Cradle Grab Hook														
Chain size		WLL*	Product											
(in.)	(mm)	(lbs.)*	Code	B	D	E	G	H	K	L	M	P	T	Wt.
9/32	7	3,500	659222	1.31	1.78	.359	3.00	.33	.98	.36	1.63	.72	1.19	.44
3/8	10	7,100	659225	1.81	2.56	.469	4.08	.45	1.41	.51	2.11	1.06	1.75	1.18
1/2	13	12,000	659228	2.16	3.25	.594	5.27	.59	1.88	.63	2.88	1.28	2.13	2.70
5/8	16	18,100	659229	2.69	4.08	.750	6.53	.75	2.38	0.75	3.56	1.59	2.50	4.60

***⚠ WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

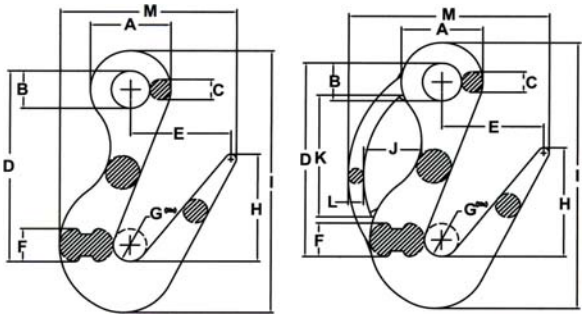
Eye Cradle Grab Hook



- CM's unique cradle grab design
- Painted orange
- Raised markings to assist proper application

Eye Cradle Grab Hook														
Chain size		WLL*	Product	Dimensions (inches)										Wt.
(in.)	(mm)	(lbs.)*	Code	B	D	E	G	H	I	K	L	M	P	(lbs.)
7/32	5.5	2,100	559318	1.19	1.75	0.36	2.69	0.38	1.19	0.96	0.63	1.63	0.70	0.35
9/32	7	3,500	559325	1.38	1.81	0.36	3.44	0.38	1.19	0.99	0.63	2.36	0.70	0.4
3/8	10	7,100	559337	1.78	2.63	0.45	4.67	0.50	1.75	1.48	0.78	3.11	1.06	1.06
1/2	13	12,000	559350	2.28	3.34	0.59	5.86	0.63	1.88	1.98	1.03	3.94	1.30	2.26
5/8	16	18,100	559362	2.75	4.08	0.75	7.13	0.75	2.25	2.63	1.25	4.78	1.59	4.36
3/4	20	28,300	559575	3.19	5.23	0.88	8.99	0.88	2.88	3.50	1.44	6.25	1.88	8.82
7/8	22	34,200	559387	3.75	5.69	1.00	9.63	1.00	3.00	3.75	1.75	6.50	2.12	10.40
1	26	47,700	559100	4.31	7.00	1.19	12.44	1.22	3.88	4.31	1.88	8.09	3.12	20.90

Sorting Hook



- Designed for efficient handling of flat plates, large cylindrical shapes and lifting loops
- 5:1 design factor
- Offered with or without handle
- Handle feature allow easy removal from loads
- When tip loading the working load drops 2 tons (sticking the point into a pipe or tube, etc.

Sorting Hook																
Product	WLL	WLL	Dimensions (inches)													
Code	Tip	Bottom	A	B	C	D	E	F	G	H	I	J	K	L	M	Wt.
	Tons	Tons	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	lb.
M129	2	7.5	3	1.44	0.78	7.34	3.75	1.28	1.25	4.13	10.09	n/a	n/a	n/a	7.38	6.8
M129H	2	7.5	3	1.44	0.78	7.34	3.75	1.28	1.25	4.13	10.09	2.13	4.63	9.56	7.38	7

***⚠WARNING**

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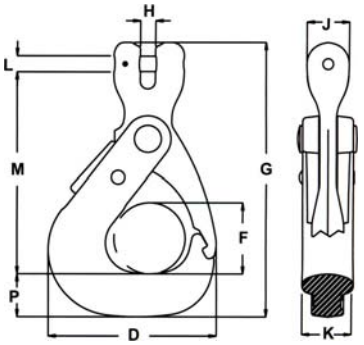
GRADE 80 CHAIN ATTACHMENTS

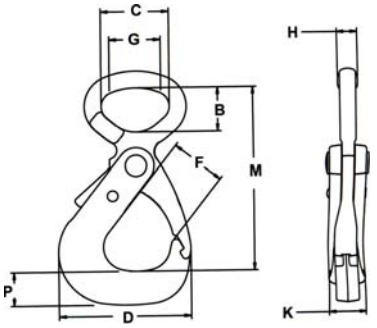
Clevlok Lodelok



- Will fit grade 80 or grade 100
- Open design permits multi-hardware use
- Interlocking tip gives added protection
- New “I” beam no catch point design
- Designed to meet ASTM A952 & EN1677

Clevlok Lodelok														
Chain size		WLL*	Product	Latch										
(in.)	(mm)	(lbs.)*	Code	Kit	D	G	H	J	K	L	F	P	M	Wt.
9/32	7	4,300	616005	656005	3.89	6.37	0.35	1.00	1.19	0.36	1.56	1.00	4.68	2.62
3/8	10	8,800	616010	656010	5.03	8.20	0.47	1.16	1.25	0.51	2.25	1.25	6.11	4.93
1/2	13	15,000	616015	656015	6.68	10.07	0.59	1.50	1.63	0.63	2.81	1.75	7.25	9.32
5/8	16	22,600	616020	656020	8.04	11.62	0.71	1.74	1.88	0.75	3.19	2.00	8.36	14.70

Eye Lodelok



- Open design permits multi hardware use
- Interlocking tip gives added protection
- Designed for efficient handling of flat plates, large cylindrical shapes and lifting loops
- New “I” beam no catch point design
- Designed to meet ASTM A952 & EN1677
- For welded 7/32” chain sling use 9/32” eye hook

Eye Lodelok														
Chain size		WLL*	Product	Latch										
(in.)	(mm)	(lbs.)*	Code	Kit	C	B	M	P	D	Fmin	G	H	K	Wt.
9/32	7	4,300	626005	656005	2.00	1.31	5.43	1.00	3.89	1.563	1.47	0.63	1.19	2.64
3/8	10	8,800	626010	656010	2.50	1.78	7.41	1.25	5.03	2.250	2.00	0.75	1.25	4.86
1/2	13	15,000	626015	656015	3.44	2.38	9.38	1.75	6.68	2.813	2.59	1.00	1.63	10.46
5/8	16	22,600	626020	656020	3.94	2.62	10.71	2.00	8.04	3.125	2.92	1.25	1.88	16.52

***⚠WARNING**

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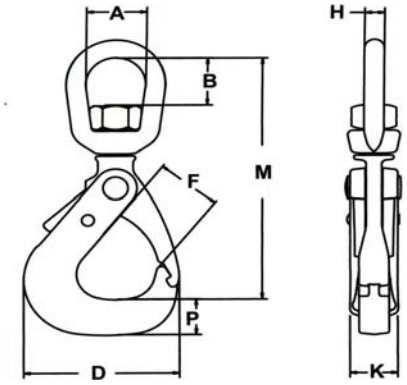
GRADE 80 CHAIN ATTACHMENTS

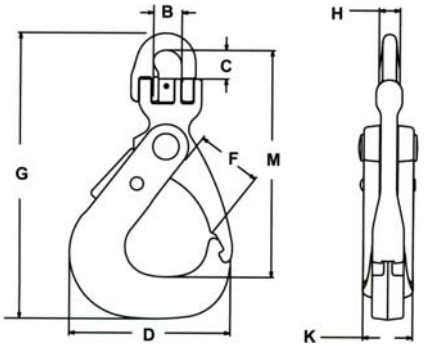
Swivel Lodelok



- Permits positioning of the load before lift
- Open design permits multi hardware use
- Interlocking tip gives added protection
- New “I” beam no catch point design
- Designed to meet ASTM A952 & EN1677
- For welded 7/32” chain sling use 9/32” eye hook

Swivel Lodelok													
Chain size		WLL*	Product	Latch									
(in.)	(mm)	(lbs.)*	Code	Kit	A	B	M	P	D	F min.	K	H	Wt.
9/32	7	4,300	676005	656005	1.50	1.33	6.79	1.00	3.89	1.563	1.19	0.50	2.61
3/8	10	8,800	676010	656010	1.75	1.63	8.77	1.25	5.03	2.250	1.25	0.63	5.09
1/2	13	15,000	676015	656015	2.00	1.76	10.54	1.75	6.68	2.813	1.63	0.75	11.03
5/8	16	22,600	676020	656020	2.75	2.38	12.80	2.00	8.04	3.125	1.88	1.00	18.09

Hammer Lodelok



- Easily attaches chain to positive locking Lodelok hook
- Factory replacement pin
- Interlocking tip gives added protection
- For welded 7/32" chain sling use 9/32" eye hook

Hammer Lodelok——100% Proof Tested													
Chain size		WLL*	Product	Latch									
(in.)	(mm)	(lbs.)*	Code	Kit	G	B	M	P	D	Fmin	H	K	Wt.
9/32	7	4,300	666005	656005	6.84	0.54	0.71	5.44	3.89	1.563	0.500	1.19	2.06
3/8	10	8,800	666010	656010	9.11	0.91	1.16	7.33	5.03	2.250	0.709	1.25	4.80
1/2	13	15,000	666015	656015	11.88	1.10	1.43	9.38	6.68	2.813	0.859	1.63	10.00
5/8	16	22,600	666020	656020	13.55	1.32	2.09	10.68	8.04	3.130	0.770	1.88	15.30

***⚠WARNING**

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Hook Latch Kit, Plate Hook

Plate Hook:

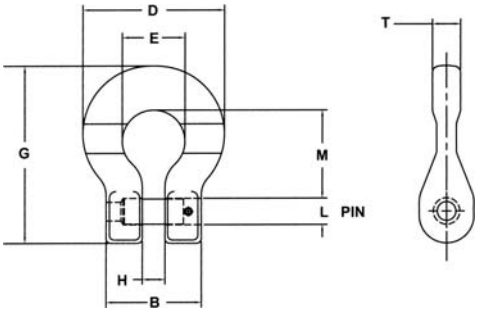
- Made from alloy material
- Designed to handle plate steel
- Available as components or attached to a certified sling

Chain Size	Product
ins.	Code
9/32	595523
3/8	595525
1/2	595528
5/8	595529
3/4	595530
7/8	595532

Chain Size		WLL	Product	
ins.	mm	(lbs.)	Code	W
9/32	7	3,600	462528	2.500
3/8	10	7,050	462537	2.750
1/2	13	11,400	462550	3.500
5/8	16	17,800	462562	5.000
3/4	20	25,600	462575	5.750
7/8	22	34,900	462587	6.000

Omegalok Connector

- Attaches chain to master links and other components with engineered flats
- Raised markings to assist proper application
- Replacement pin kits available
- Clevlok heads for quick and easy attachment to chain



Clevlok Sling Hook (Eye Style) without Latch Specifications												
Chain size		WLL*	Product	Dimensions (inches)								Wt.
(in.)	(mm)	(lbs.)*	Code	B	D	E	G	H	L	M	T	(lbs.)
9/32	7	3,500	244128	1.36	2.30	0.98	2.81	0.33	0.36	1.45	0.43	0.40
3/8	10	7,100	244138	1.90	2.82	1.25	3.57	0.45	0.51	1.77	0.57	1.02
1/2	13	12,000	244150	2.31	3.52	1.56	4.44	0.59	0.63	2.26	0.70	1.92
5/8	16	18,100	244162	2.87	4.46	2.00	5.45	0.75	0.78	2.72	0.88	3.20

***⚠WARNING**

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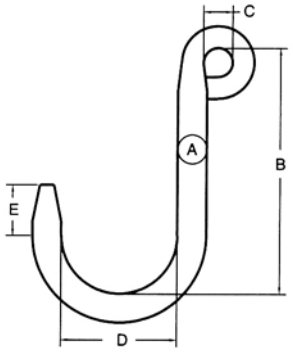
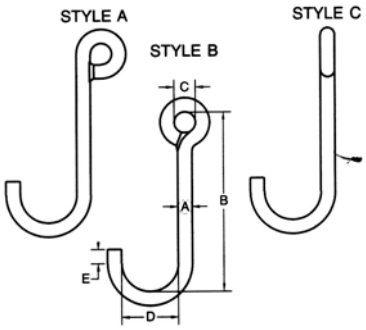
Foundry Sorting Hook

Foundry Sorting Hook							
Chain Size	WLL* (lbs.)*	Product Code	Material Diameter A	Inside Reach B	Inside I.D. Eye C	Bowl Opening D	Tip Length E
0.28	500	FSA050	0.50	6.00	0.75	2.50	0.75
0.28	800	FSA063	0.63	8.50	0.75	3.50	1.50
0.28	1,300	FSA075	0.75	8.50	0.75	3.50	1.50
0.38	1,600	FSA081	0.81	8.50	0.88	3.50	1.50
0.38	2,500	FSA100	1.00	8.50	1.00	4.00	1.75
0.38	3,500	FSA113	1.13	8.50	1.00	4.00	2.00
0.50	4,500	FSA125	1.25	8.50	1.25	4.00	2.00
0.50	6,000	FSA150	1.50	8.50	1.25	5.00	1.50
Foundry Sorting Hook - Short Version							
Chain Size	WLL* (lbs.)*	Product Code	Material Diameter A	Inside Reach B	Inside I.D. Eye C	Bowl Opening D	Tip Length E
0.28	450	FSA050S	0.50	6.00	0.75	3.00	1.50
0.28	900	FSA063S	0.63	6.00	0.75	3.00	1.50
0.28	1,400	FSA075S	0.75	6.00	0.75	3.00	1.50
0.38	2,000	FSA088S	0.88	6.00	0.88	3.00	1.50
0.38	3,000	FSA100S	1.00	6.00	1.00	3.00	1.50
0.38	4,000	FSA113S	1.13	6.00	1.00	3.00	1.50
0.50	5,500	FSA125S	1.25	6.00	1.25	3.00	1.50



Standard Alloy J - Hooks								
WLL* (lbs.)*	Product Code A	Product Code B	Product Code C	Material Dia. A	Inside Reach B	Inside I.D. Eye C	Bowl Open D	Tip Lgth. E
250	JAA031	JBA031	JCA031	0.31	5.00	0.75	1.25	0.25
350	JAA038	JBA038	JCA038	0.38	6.00	0.75	1.50	0.38
650	JAA050	JBA050	JCA050	0.50	8.00	0.75	2.00	0.50
850	JAA063	JBA063	JCA063	0.63	9.00	1.00	2.50	0.63
1,200	JAA075	JBA075	JCA075	0.75	10.00	1.00	3.00	0.75
1,500	JAA088	JBA088	JCA088	0.88	12.00	1.00	3.50	0.88
2,000	JAA100	JBA100	JCA100	1.00	14.00	1.25	4.00	1.00
2,250	JAA113	JBA113	JCA113	1.13	15.00	1.25	4.50	1.12
2,750	JAA125	JBA125	JCA125	1.25	16.00	1.50	5.00	1.25
3,000	JAA138	JBA138	JCA138	1.38	17.00	1.50	5.50	1.38
3,500	JAA150	JBA150	JCA150	1.50	18.00	2.00	6.00	1.50
4,000	JAA175	JBA175	JCA175	1.75	20.00	2.50	7.00	1.75
5,000	JAA200	JBA200	JCA200	2.00	24.00	3.00	8.00	2.00



***⚠WARNING**

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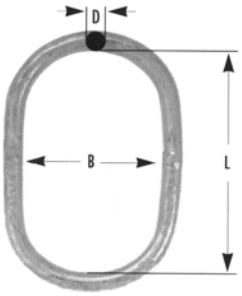
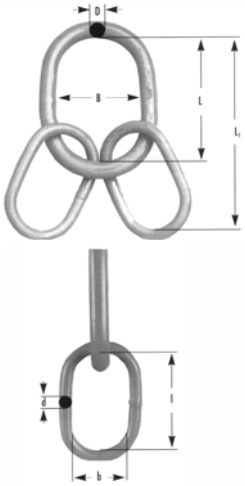
Grade 100 Oblong Master Rings

- Used for mechanical and welded sling assemblies
- 100% proof tested
- Custom sizes available upon request

Oblong Master Ring Specifications, (With Flat) Specifications								
Size	Product Code	For Chain Size (in.)		WLL	Dimensions (ins.)			Weight
(in.)	(mm)	1 Leg	2 Leg	(lbs.)	L	B	D	
3/8	589614			3,300	3.9	2.4	.43	.44
1/2	589615	1/4		7,000	4.7	2.8	.55	.88
5/8	589616		1/4	11,400	5.5	3.2	.67	1.8
3/4	589617	3/8	3/8	12,300	5.9	3.5	.75	2.2
7/8	589618			17,200	6.3	3.7	.87	3.3
1	589619	1/2, 5/8	1/2	29,900	7.5	4.3	.99	5.1
1-1/4	589620	3/4	5/8	35,200	7.9	4.7	1.2	7.7
1-3/8	589621			45,300	9.5	5.5	1.3	11.7
1-1/2	589622	7/8	3/4	68,000	9.9	5.9	1.5	15.4
1-5/8	589623			70,400	9.9	5.9	1.6	17.6
1-3/4	589624	1	7/8	84,900	11.8	7.1	1.8	26.5
2	589625	1-1/4	1	102,600	11.8	7.9	2.0	33.1
2-1/4	589626		1-1/4	143,100	11.8	7.9	2.2	46.3
2-1/2	589627			160,000	13.8	7.9	2.4	57.3
2-3/4	589628			220,200	15.8	9.9	2.8	94.8
3-1/4	589629			275,300	15.8	9.9	3.2	125.6



Oblong Master Ring with Sub-Assembly Specifications											
Size	Product Code	WLL (lbs.)	WLL (lbs.)	Dimensions (ins.)							Weight
(in.)		4:1 Design	5:1 Design	L1	L	B	D	1	b	d	
3/4	589630	13,750	11,000	10.2	5.9	3.5	.75	4.3	2.4	.55	4.0
7/8	589631	22,000	17,600	11.8	6.3	3.7	.87	5.5	3.2	.67	6.8
1	589632	26,625	21,300	13.4	7.5	4.3	.98	5.9	3.5	.75	7.0
1-1/4	589633	44,000	35,200	14.2	7.9	4.7	1.2	6.3	3.7	.87	14.3
1-5/8	589634	71,500	57,200	16.9	9.9	5.9	1.6	7.1	4.1	1.1	33.1
2	589635	96,250	77,000	19.7	11.8	7.9	2.0	7.9	4.3	1.3	50.7
2-1/4	589636	137,625	110,100	22.0	11.8	7.9	2.2	10.2	5.5	1.5	72.7
2-1/2	589637	206,375	165,100	24.0	13.8	7.9	2.4	10.2	5.5	1.8	101.4
2-3/4	589638	275,250	220,200	26.8	15.8	9.9	2.8	11.0	6.3	2.0	156.5
3-1/4	589639	344,125	275,300	26.8	15.8	9.9	3.1	11.0	6.3	2.2	200.6



***⚠WARNING**

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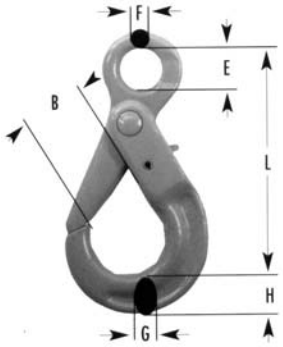
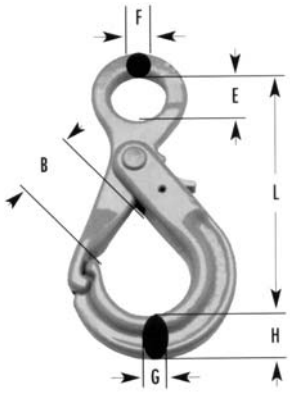
Safety Hooks



BK Safety Hook (Eye Type)

- Equipped with stainless steel springs
- Heat number identification for traceability
- Latch closes automatically under load
- Hook will not open under load

BK Safety Hook (Eye Type)											
Chain size		WLL*	Product	Model	Dimensions (inches)						Wt. Ea.
(in.)	(mm)	(lbs.)*	code	Number	L	B	E	F	G	H	(lbs.)
7/32	6	2,100	511100	BK-5/6-8	4.30	1.10	0.87	0.39	0.55	0.750	0.97
9/32	7	3,500	511110	BK-7/8-8	5.40	1.40	0.99	0.43	0.67	0.910	1.70
5/16	8	4,500	511110	BK-7/8-8	5.40	1.40	0.99	0.43	0.67	0.910	1.70
3/8	10	7,100	511120	BK-10-8	6.60	1.70	1.30	0.51	0.98	1.100	3.30
1/2	13	12,000	511130	BK-13-8	8.20	2.10	1.60	0.63	1.10	1.500	6.20
5/8	16	18,100	511140	BK-16-8	10.00	2.50	2.00	0.79	1.50	1.900	12.30
3/4	20	28,300	511141	BK-18/20-8	11.40	2.70	2.40	0.87	1.70	2.200	17.40
7/8	22	34,200	511142	BK-22-8	12.60	3.10	2.80	0.95	1.90	2.400	24.70
1	26	47,700	511149	BK-26-8	13.60	3.90	3.10	1.00	2.00	2.700	32.00



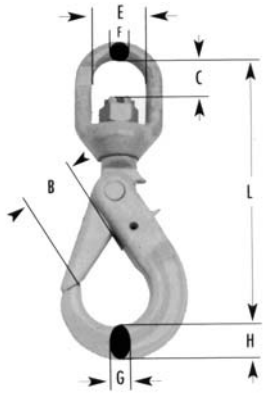
OBK Safety Hook with Grip Latch (Eye Type)

- Equipped with stainless steel springs
- Heat number identification for traceability
- Grip latch locks into point of hooks
- Latch is protected and will act as a gauge to signal unsafe bent hook or latch

OBK Safety Hook with Grip Latch (Eye Type)											
Chain size		WLL*	Product	Model	Dimensions (inches)						Wt. Ea.
(in.)	(mm)	(lbs.)*	code	Number	L	B	E	F	G	H	(lbs.)
7/32	6	2,100	511004	OBK-5/6-8	4.10	1.00	0.87	0.35	0.55	0.670	0.88
9/32	7	3,500	511010	OBK-7/8-8	5.10	1.30	0.99	0.39	0.67	0.790	1.40
5/16	8	4,500	511010	OBK-7/8-8	5.10	1.30	0.99	0.39	0.67	0.790	1.40
3/8	10	7,100	511020	OBK-10-8	6.40	1.70	1.30	0.49	0.83	0.970	2.60
1/2	13	12,000	511030	OBK-13-8	7.70	2.00	1.60	0.59	1.10	1.200	4.40
5/8	16	18,100	511040	OBK-16-8	9.30	2.40	2.00	0.75	1.20	1.500	9.00
3/4	20	28,300	511045	OBK-18/20-8	11.50	2.80	2.40	1.10	1.40	1.900	16.50
7/8	22	34,200	511006	OBK-22-8	13.20	3.40	2.80	0.95	1.60	2.200	22.00

Safety Hooks

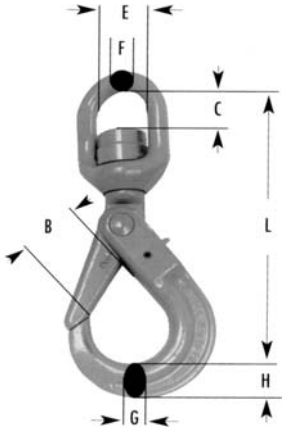
BKL Safety Hook with Bronze Bushings (Swivel Eye Type)



- Equipped with stainless steel springs
- Heat number identification for traceability
- Latch closes automatically under load
- Hook will not open under load
- Release trigger will only operate when hook is unloaded
- Bushing allows hook to swivel before load is applied

BKL Safety Hook with Bronze Bushings (Swivel Eye Type)											
Chain size		WLL*	Product	Model	Dimensions (inches)						Wt. Ea.
(in.)	(mm)	(lbs.)*	code	Number	L	B	E	F	G	H	(lbs.)
7/32	6	2,100	511250	BKL-5/6-8	5.90	1.10	0.91	0.43	0.55	0.750	1.50
9/32	7	3,500	511260	BKL-7/8-8	7.20	1.40	1.10	0.47	0.67	0.910	2.40
5/16	8	4,500	511260	BKL-7/8-8	7.20	1.40	1.10	0.47	0.67	0.910	2.40
3/8	10	7,100	511270	BKL-10-8	8.60	1.70	1.50	0.59	0.99	1.100	4.20
1/2	13	12,000	511280	BKL-13-8	10.90	2.10	1.70	0.75	1.10	1.500	8.40
5/8	16	18,100	511290	BKL-16-8	13.20	2.50	2.30	0.87	1.50	1.900	15.60
3/4	20	28,300	589325	BKL-18/20-8	14.50	2.70	1.70	1.00	2.90	1.000	23.80

BKLK Safety Hook with Ball Bearings (Swivel Eye Type)



- Equipped with stainless steel springs
- Heat number identification for traceability
- Latch closes automatically under load
- Hook will not open under load
- Release trigger will only operate when hook is unloaded
- Ball bearing allows hook to swivel before load is applied

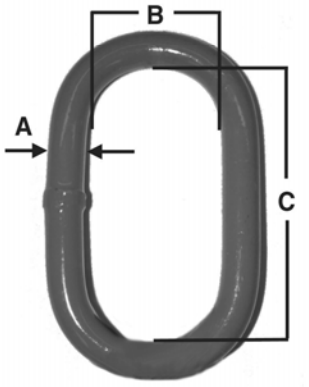
BKLK Safety Hook with Ball Bearings (Swivel Eye Type)												
Chain size		WLL*	Product	Model	Dimensions (inches)							Wt. Ea.
(in.)	(mm)	(lbs.)*	code	Number	L	B	C	E	F	G	H	(lbs.)
7/32	6	2,100	511323	BKLK-5/6-8	5.80	1.10	0.87	1.30	0.43	0.55	0.750	1.50
9/32	7	3,500	511324	BKLK-7/8-8	7.20	1.40	1.10	1.40	0.47	0.67	0.910	2.40
5/16	8	4,500	511324	BKLK-7/8-8	7.20	1.40	1.10	1.40	0.47	0.67	0.910	2.40
3/8	10	7,100	511325	BKLK-10-8	8.50	1.70	1.30	1.60	0.59	0.99	1.100	4.20
1/2	13	12,000	511326	BKLK-13-8	10.90	2.10	1.60	1.90	0.75	1.10	1.500	8.40
5/8	16	18,100	511327	BKLK-16-8	13.20	2.50	2.00	2.40	0.87	1.50	1.900	15.90
3/4	20	28,300	589326	BKLK-18/20-8	14.50	2.70	1.70	2.30	2.20	2.90	1.000	23.80

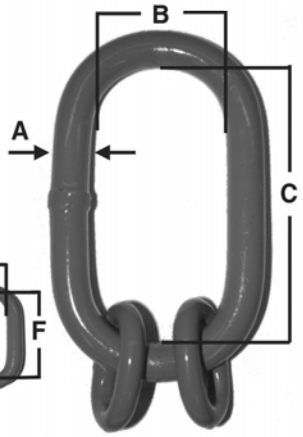
Alloy Fittings and Attachments

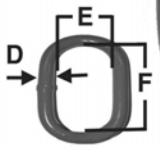
European Import

Master Link

Dimensions			Chain Size				
A	B	C	Single Sling	Double Sling	Working Load Limit (lbs.)	Weight (lbs.)	Part Number
1/2	2 1/2	5	9/32	9/32	6,100	0.8	1090-201-00
3/4	2 3/4	5 1/2	3/8	3/8	12,300	2.0	1090-401-00
1	3 1/2	7	1/2, 5/8	1/2	20,800	4.6	1090-601-00
1 1/4	4 3/8	8 3/4	3/4	5/8	31,300	9.2	1090-701-00
1 1/2	5 1/4	10 1/2	7/8	3/4	49,000	15.7	1090-801-20
1 3/4	6	12	1	7/8	73,500	24.5	1090-901-20
2	7	14	1 1/4	1	88,900	37.3	1090-911-20







Master Link Sub-Assembly

Dimensions						Chain Size	Weight (lbs.)	Part Number
A	B	C	D	E	F			
3/4	2 3/4	5 1/2	15/32	7/8	1 9/16	9/32	2.6	1085-201-00
1	3 1/2	7	21/32	1 1/4	2 1/4	3/8	6.1	1085-401-00
1 1/4	4 3/8	8 3/4	29/32	1 3/4	3 1/8	1/2	13.2	1085-601-00
1 1/2	5 1/4	10 1/2	1 5/32	2 1/4	4	5/8	24.2	1085-701-00
1 3/4	6	12	1 9/32	2 3/8	4 3/8	3/4	35.9	1085-801-20
2	7	14	1 17/32	2 3/4	5 1/4	7/8	56.5	1085-901-20
2 1/4	8	16	1 25/32	3	6	1	83.9	1085-911-20

Grade 80 Chain Approved for Overhead Lifting

GRADE 80 CHAIN EUROPEAN ATTACHMENTS

European Import

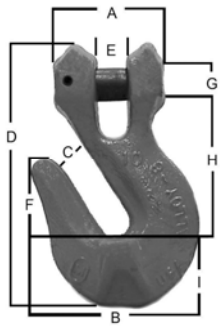
Component selection guide
Proof Tested Attachments for assembling Slings

	Chain Size	Oblong Master Link	Master Link Sub Assembly	Coupling Link	Clevis Sling Hook	Clevis Grab Hook	Eye Sling Hook	Eye Grab Hook
Single Slings	9/32	1/2	-	9/32	9/32	9/32	9/32	9/32
	3/8	3/4	-	3/8	3/8	3/8	3/8	3/8
	1/2	1	-	1/2	1/2	1/2	1/2	1/2
	5/8	1	-	5/8	5/8	5/8	5/8	5/8
	3/4	1 1/4	-	3/4	3/4	3/4	3/4	3/4
	7/8	1 1/2	-	7/8	7/8	-	-	7/8
	1	1 3/4	-	1	-	-	1	1
Double Slings	9/32	1/2	-	9/32	9/32	9/32	9/32	9/32
	3/8	3/4	-	3/8	3/8	3/8	3/8	3/8
	1/2	1	-	1/2	1/2	1/2	1/2	1/2
	5/8	1 1/4	-	5/8	5/8	5/8	5/8	5/8
	3/4	1 1/2	-	3/4	3/4	3/4	3/4	3/4
	7/8	1 3/4	-	7/8	-	-	7/8	7/8
	1	2	-	1	-	-	1	1
Triple/ Quad Slings	9/32	-	3/4	9/32	9/32	9/32	9/32	9/32
	3/8	-	1	3/8	3/8	3/8	3/8	3/8
	1/2	-	1 1/4	1/2	1/2	1/2	1/2	1/2
	5/8	-	1 1/2	5/8	5/8	5/8	5/8	5/8
	3/4	-	1 3/4	3/4	3/4	3/4	3/4	3/4
	7/8	-	2	7/8	-	-	7/8	7/8
	1	-	2 1/4	1	-	-	1	1

Grade 80 Chain Approved for Overhead Lifting

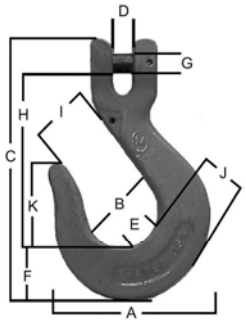
GRADE 80 CHAIN EUROPEAN ATTACHMENTS

European Import



Clevis Grab - wide saddle type

	Dimensions												
Chain Size (in.)	A	B	C	D	E	F	G	H	I	J	Working Load Limit (lbs.)	Weight (lbs.)	Part Number
9/32	1.25	1.78	0.36	3.00	0.33	0.98	0.36	1.63	0.72	1.19	3,500	.46	1073-201-00
3/8	1.82	2.56	0.47	4.08	0.45	1.41	0.51	2.11	1.06	1.75	7,100	1.23	1073-401-00
1/2	2.16	3.25	0.59	5.27	0.59	1.88	0.63	2.88	1.21	2.13	12,000	2.40	1073-601-00
5/8	2.69	4.08	0.75	6.53	0.75	2.38	0.75	3.56	1.59	2.50	18,100	4.17	1073-701-00
3/4	3.13	5.23	0.88	9.08	0.88	3.50	0.91	5.50	1.88	2.88	28,300	7.31	1073-807-21



Clevis Sling Hook

	Dimensions													
Chain Size (in.)	A	B	C	D	E	F	G	H	I	J	K	Working Load Limit (lbs.)	Weight (lbs.)	Part Number
9/32	3.50	1.50	5.16	.328	.73	1.59	0.36	3.44	1.19	1.20	1.05	3,500	1.58	1065-201-00
3/8	4.34	1.88	6.67	.453	.95	2.19	0.51	4.47	1.44	1.45	1.21	7,100	1.35	1065-401-00
1/2	5.50	2.25	8.00	.593	1.17	2.56	0.63	5.27	1.78	1.94	1.66	12,000	2.59	1065-601-00
5/8	6.28	2.63	9.69	.750	1.44	2.28	0.75	6.08	2.03	2.38	2.19	18,100	5.16	1065-701-00
3/4	7.83	3.00	11.69	.875	1.69	3.44	0.90	7.34	2.50	2.83	2.56	28,300	12.81	1065-807-21

Grade 80 Chain Approved for Overhead Lifting

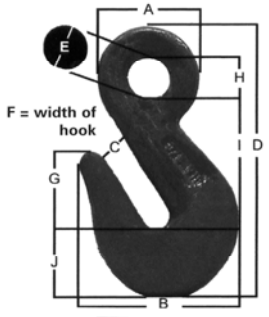
GRADE 80 CHAIN EUROPEAN ATTACHMENTS

European Import

Alloy Eye Sling

Chain Size (in.)	Dimensions A	B	C	D	E	F	G	H	I	J	K	L	Working Load Limit (lbs.)	Weight (lbs.)	Part Number
9/32	1.62	3.50	1.50	5.25	.44	.73	1.59	.75	3.75	1.19	1.20	1.05	3,500	.50	1075-201-01
3/8	2.06	4.34	1.88	6.64	.56	.95	2.19	.94	4.78	1.44	1.45	1.28	7,100	1.20	1075-401-01
1/2	2.63	5.5	2.25	8.16	.75	1.17	2.56	1.13	5.69	1.78	1.94	1.66	12,000	2.30	1075-601-00
5/8	3.06	6.34	2.63	9.66	.88	1.44	2.63	1.31	6.50	2.03	2.38	2.19	18,100	4.20	1075-701-00
3/4	3.50	7.83	3.00	11.38	1.00	1.69	3.44	1.50	7.81	2.50	2.83	2.51	28,300	6.90	1075-807-21
7/8	3.88	8.59	3.38	12.72	1.09	1.94	3.88	1.69	8.75	2.78	3.22	2.84	34,200	13.20	1075-907-21
1	4.31	9.59	4.00	14.23	1.22	2.14	4.25	1.88	9.88	3.13	3.55	3.09	47,700	19.40	1075-917-21

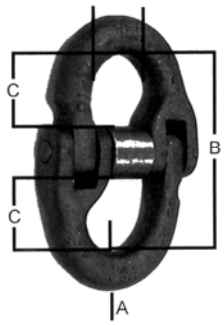
Alloy Eye Grab



Chain Size (in.)	Dimensions A	B	C	D	E	F	G	H	I	J	Working Load Limit (lbs.)	Weight (lbs.)	Part Number
9/32	1.38	1.81	.36	3.44	.38	1.19	.99	.63	2.36	.70	3,500	.60	1082-201-00
3/8	1.78	2.63	.45	4.67	.50	1.75	1.48	.78	3.11	1.06	7,100	2.24	1082-401-00
1/2	2.28	3.34	.59	5.86	.63	1.88	1.98	1.03	3.94	1.30	12,000	2.26	1082-601-00
5/8	2.75	4.08	.75	7.13	.75	2.25	2.63	1.25	4.78	1.59	18,100	4.36	1082.701-00
3/4	3.19	5.23	.88	8.99	.88	2.88	3.50	1.44	6.25	1.88	28,300	8.82	1082-807-21
7/8	3.75	5.69	1.00	9.63	1.00	3.00	3.75	1.75	6.50	2.12	34,200	10.40	1082-907-21
1	4.31	7.00	1.19	12.44	1.22	3.88	4.31	1.88	8.09	3.12	47,700	20.90	1082-917-21

Grade 80 Chain Approved for Overhead Lifting

European Import



Coupling Link

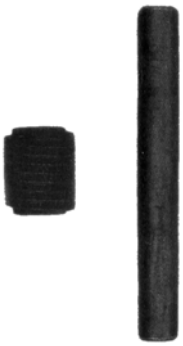
	Dimensions								
Chain Size (in.)	A	B	C	D	E	Working Load Limit (lbs.)	Min. Hole Size	Weight (lbs.)	Part Number
9/32	5/16	1 13/16	5/8	1/2	1 11/16	3,500	35/64	.16	1060-201-00
3/8	1/2	2 13/32	53/64	3/4	2 7/32	7,100	47/64	.46	1060-401-00
1/2	11/16	3 3/8	1 7/32	1	3 1/8	12,000	59/64	1.3	1060-601-00
5/8	13/16	4 1/16	1 1/2	1 1/4	3 11/16	18,100	1 1/16	2.2	1060-701-00
3/4	15/16	4 25/32	1 51/64	1 1/2	4 5/16	28,300	1 1/4	4.2	1060-802-20
7/8	1 3/64	5 1/8	1 29/32	1 3/4	5 5/16	34,200	1 11/32	5.9	1060-902-20
1	1 1/4	5 3/4	2 3/16	2	6 3/16	47,700	1 9/16	8.5	1060-912-20

Clevis Hook Load Pin & Retaining Pin

Set Includes: 1 Load & 1 Retaining Pin	
Chain Size	Part Number
9/32	1071-201-00
3/8	1071-401-00
1/2	1071-601-00
5/8	1071-701-00
3/4	1071-801-00

Coupling Link Load Pin & Stud Assembly

Set Includes: 1 Load & 1 Stud Assembly	
Chain Size	Part Number
9/32	1061-201-00
3/8	1061-401-00
1/2	1061-601-00
5/8	1061-701-00
3/4	1061-801-00



Grade 80 Chain Approved for Overhead Lifting

GRADE 80 CHAIN EUROPEAN ATTACHMENTS

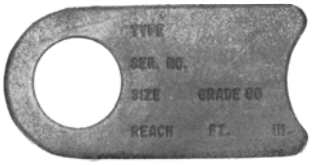
European Import

Alloy Latch

Chain Size (in.)	Part Number
9/32	1077-207-01
3/8	1077-407-01
1/2	1077-607-01
5/8	1077-707-01
3/4	1077-807-01
7/8	1077-907-01
1	1077-917-01

Sling Tags

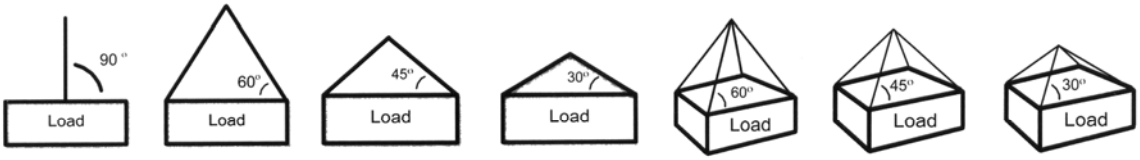
Chain Size (in.)	Part Number
9/32 - 1	1095-000-04



Blank Tags

9/32 - 1	1095-001-04

Working Load limits for Chain Slings

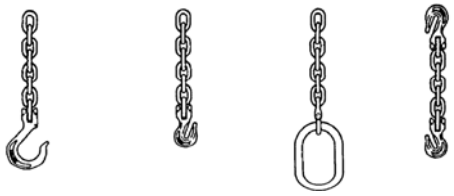


Chain Size	Single 90°	Double 60°	Double 45°	Double 30°	Triple Quad 60°	Triple Quad 45°	Triple Quad 30°
9/32	3,500	6,000	4,900	3,500	9,000	7,400	5,200
3/8	7,100	12,200	10,000	7,100	18,300	14,900	10,600
1/2	12,200	20,700	17,000	12,000	31,100	25,400	18,000
5/8	18,100	31,300	25,600	18,100	47,000	38,300	27,100
3/4	28,300	48,900	40,000	28,300	73,400	59,900	42,400
7/8	34,200	59,200	48,300	34,200	88,800	72,500	51,200
1	47,700	82,500	67,400	47,700	123,800	101,000	71,500

Grade 80 Chain Approved for Overhead Lifting

GRADE 100 CHAIN WORKING LOAD LIMITS

SINGLE TYPE SLINGS					
Grade 100	Oblong Master Link (In)			WLL* in Lbs.	
Chain Size (In)	Nom. Dia.	Inside Width	Inside Length	90 Degree Angle	Single Choker Hitch
9/32	1/2	2-1/2	5	4,300	2,625
3/8	3/4	2-3/4	5-1/2	8,800	5,325
1/2	1	3-1/2	7	15,000	9,000
5/8	1	3-1/2	7	22,600	13,575
3/4	1-1/4	4-3/8	8-3/4	35,300	21,225
* Working Load Limits					



SINGLE	
Attachment, One End	
Grade 100 Chain Size (In)	90 Degree WLL*
9/32	4,300
3/8	8,800
1/2	15,000
5/8	22,600
3/4	35,300
* Working Load Limits	
4:1 Design Factor	

DOUBLE - 2 LEGS				
Grade 100	Single Basket			
Chain Size (In)	Nom. Dia.	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	1/2	7,400	6,100	4,300
3/8	3/4	15,200	12,400	8,800
1/2	1	26,000	21,200	15,000
5/8	1-1/4	39,100	32,000	22,600
3/4	1-1/2	61,100	49,900	35,300
* Working Load Limits				
Chain Slings have 4:1 Design Factor				

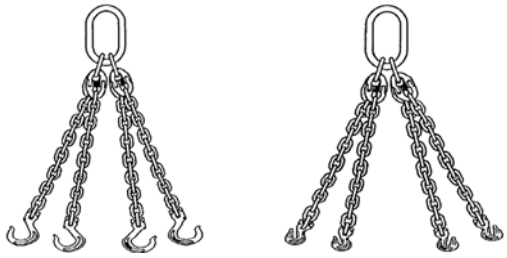
***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 100 CHAIN WORKING LOAD LIMITS

DOUBLE - 2 LEGS						
	Oblong Master Link (In)					
Grade 100 Chain Size (In)	Nom. Dia.	Inside Width	Inside Length	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	1/2	2-1/2	5	7,400	6,100	4,300
3/8	3/4	2-3/4	5-1/2	15,200	12,400	8,800
1/2	1	3-1/2	7	26,000	21,200	15,000
5/8	1-1/4	4-3/8	8-3/4	39,100	32,000	22,600
3/4	1-1/2	5-1/4	10-1/2	61,100	49,900	35,300
* Working Load Limits						
Chain Slings have 4:1 Design Factor						

TRIPLE - 3 LEGS						
	Oblong Master Link (In)					
Grade 100 Chain	Nom. Dia.	Inside Width	Inside Length	60 Degree	45 Degree Angle	30 Degree Angle
9/32	3/4	2-3/4	5-1/2	11,200	9,100	6,400
3/8	1	3-1/2	7	22,900	18,700	13,200
1/2	1-1/4	4-3/8	8-3/4	39,000	31,800	22,500
5/8	1-1/2	5-1/4	10-1/2	58,700	47,900	33,900
3/4	1-3/4	6	12	91,700	74,900	53,000
* Working Load Limits						
Chain Slings have 4:1 Design Factor						



QUAD - 4 LEGS						
	Oblong Master Link (In)					
Grade 100 Chain Size (In)	Nom. Dia.	Inside Width	Inside Length	60 Degree Angle	45 Degree Angle	30 Degree Angle
9/32	3/4	2-3/4	5-1/2	11,200	9,100	6,400
3/8	1	3-1/2	7	22,900	18,700	13,200
1/2	1-1/4	4-3/8	8-3/4	39,000	31,800	22,500
5/8	1-1/2	5-1/4	10-1/2	58,700	47,900	33,900
3/4	1-3/4	6	12	91,700	74,900	53,000
* Working Load Limits						
Chain Slings have 4:1 Design Factor						

***⚠WARNING**

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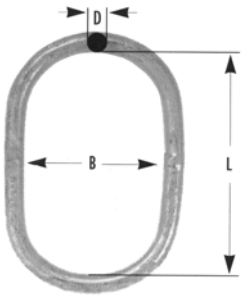
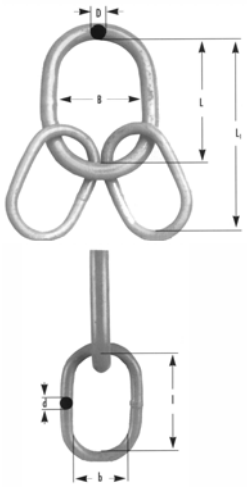
Grade 100 Oblong Master Rings

- Used for mechanical and welded sling assemblies
- 100% proof tested
- Custom sizes available upon request

Oblong Master Ring Specifications, (With Flat) Specifications								
Size	Product Code	For Chain Size (in.)		WLL	Dimensions (ins.)			Weight
(in.)	(mm)	1 Leg	2 Leg	(lbs.)	L	B	D	
3/8	589614			3,300	3.9	2.4	.43	.44
1/2	589615	1/4		7,000	4.7	2.8	.55	.88
5/8	589616		1/4	11,400	5.5	3.2	.67	1.8
3/4	589617	3/8	3/8	12,300	5.9	3.5	.75	2.2
7/8	589618			17,200	6.3	3.7	.87	3.3
1	589619	1/2, 5/8	1/2	29,900	7.5	4.3	.99	5.1
1-1/4	589620	3/4	5/8	35,200	7.9	4.7	1.2	7.7
1-3/8	589621			45,300	9.5	5.5	1.3	11.7
1-1/2	589622	7/8	3/4	68,000	9.9	5.9	1.5	15.4
1-5/8	589623			70,400	9.9	5.9	1.6	17.6
1-3/4	589624	1	7/8	84,900	11.8	7.1	1.8	26.5
2	589625	1-1/4	1	102,600	11.8	7.9	2.0	33.1
2-1/4	589626		1-1/4	143,100	11.8	7.9	2.2	46.3
2-1/2	589627			160,000	13.8	7.9	2.4	57.3
2-3/4	589628			220,200	15.8	9.9	2.8	94.8
3-1/4	589629			275,300	15.8	9.9	3.2	125.6



Oblong Master Ring with Sub-Assembly Specifications											
Size	Product Code	WLL (lbs.)	WLL (lbs.)	Dimensions (ins.)							Weight
(in.)		4:1	5:1 Design	L1	L	B	D	1	b	d	
3/4	589630	13,750	11,000	10.2	5.9	3.5	.75	4.3	2.4	.55	4.0
7/8	589631	22,000	17,600	11.8	6.3	3.7	.87	5.5	3.2	.67	6.8
1	589632	26,625	21,300	13.4	7.5	4.3	.98	5.9	3.5	.75	7.0
1-1/4	589633	44,000	35,200	14.2	7.9	4.7	1.2	6.3	3.7	.87	14.3
1-5/8	589634	71,500	57,200	16.9	9.9	5.9	1.6	7.1	4.1	1.1	33.1
2	589635	96,250	77,000	19.7	11.8	7.9	2.0	7.9	4.3	1.3	50.7
2-1/4	589636	137,625	110,100	22.0	11.8	7.9	2.2	10.2	5.5	1.5	72.7
2-1/2	589637	206,375	165,100	24.0	13.8	7.9	2.4	10.2	5.5	1.8	101.4
2-3/4	589638	275,250	220,200	26.8	15.8	9.9	2.8	11.0	6.3	2.0	156.5
3-1/4	589639	344,125	275,300	26.8	15.8	9.9	3.1	11.0	6.3	2.2	200.6

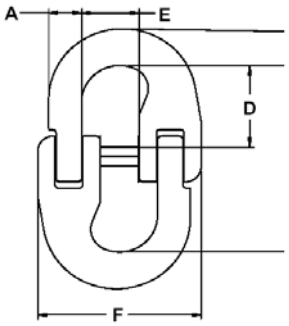


***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 100 CHAIN ATTACHMENTS

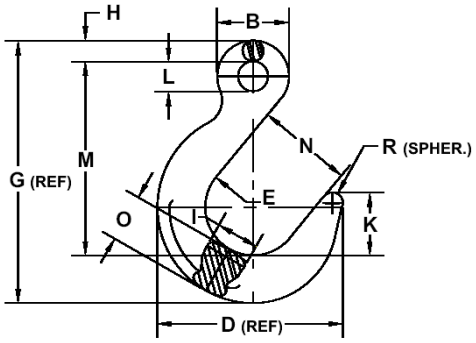
Hammerlok Coupling Links



- Proven design
- Forged from Alloy Steel
- 100% proof tested
- Designed to meet ASTM A952 & EN1677

HA1000 Hammerlok Coupling Link Specifications												
										Stud Assy	Load Pin	
Chain size		WLL*	Product							Product	Product	Weight
(in.)	(mm)	(lbs.)*	Code	A	B	C	D	E Min.	F	code	code	
9/32	7	4,300	667028	0.365	0.435	1.98	0.71	0.541	1.69	598028	596028	.28
3/8	10	8,800	667038	0.502	0.591	3.00	1.16	0.910	2.50	598038	596038	.84
1/2	13	15,000	667050	0.678	0.780	3.80	1.43	1.097	3.19	598050	596050	1.87
5/8	16	22,600	667062	0.804	0.905	4.54	1.74	1.317	3.88	598062	596062	3.13
3/4	20	35,300	667075	0.973	1.071	5.36	2.09	1.516	4.69	598075	596075	5/75

Eye Foundry Hook



- Proven design
- Forged from Alloy Steel
- Large open throat makes attachment easy
- 100% proof tested
- Designed to meet ASTM A952 & EN1677
- For welded 7/32” chain sling use 9/32” eye hook

Foundry Hook																
		Working														Wt.
Chain size		LL*	Product	Dimensions (inches)												each
(in.)	(mm)	(lbs.)*	code	B	D	E	G	H	I	K	L	M	N	O	R	(lbs.)
9/32	7	4,300	474798	1.56	4.75	2.50	6.45	0.47	1.00	1.56	0.63	4.75	2.50	1.23	0.25	2.4
3/8	10	8,800	474799	2.00	5.75	3.00	7.88	0.63	1.27	1.88	0.75	5.75	3.00	1.50	0.31	4.5
1/2	13	15,000	474800	2.50	6.75	3.50	9.38	0.75	1.50	2.22	1.00	6.88	3.50	1.75	0.38	7.1
5/8	16	22,600	474801	3.00	7.81	4.00	10.97	0.88	1.81	2.63	1.25	8.06	4.00	2.03	0.44	11.6
3/4	20	35,300	474802	3.50	9.13	4.50	12.81	1.00	2.20	3.00	1.50	9.25	4.50	2.56	0.50	20.0

***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
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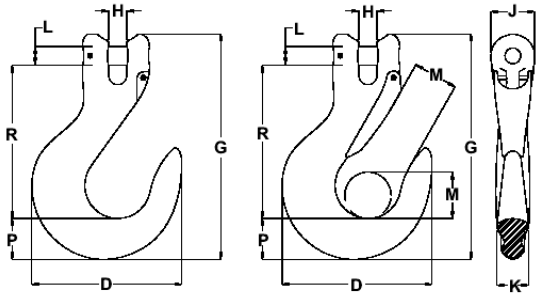
GRADE 100 CHAIN ATTACHMENTS

Clevlok Sling Hook

- New streamlined design
- Forged from Alloy Steel
- Improved cast steel latch
- 100% proof tested
- Designed to meet ASTM A952 & EN1677

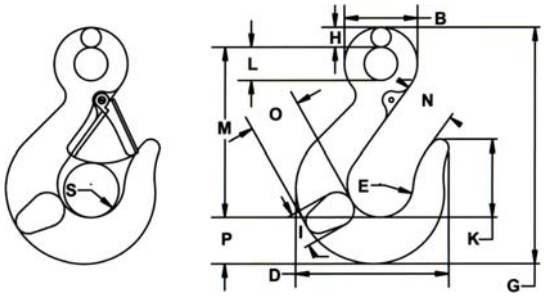


Clevlok Sling Hook*															
			w Latch	w/o Latch											Wt.
Chain size		WLL*	Product	Product	Latch	Dimensions (inches)									each
(in.)	(mm)	(lbs.)*	Code	Code	Kit	D	G	H	J	K	L	M	P	R	(lbs.)
9/32	7	4,300	658718	658738	658718	3.53	5.22	0.35	1.00	0.75	0.36	1.09	0.94	3.56	1.40
3/8	10	8,800	658719	658739	658719	4.34	6.56	0.47	1.16	0.95	0.51	1.25	1.21	4.46	2.57
1/2	13	15,000	658720	658740	658720	5.12	7.72	0.59	1.50	1.10	0.63	1.69	1.35	5.24	4.08
5/8	16	22,600	658721	658741	658721	5.98	8.96	0.71	1.74	1.27	0.75	1.88	1.56	6.07	6.37

*Available from stock with/without latch. Replacement latch kits are also available. User must determine if latch is required on hook.

Eye Sling Hook

- New streamlined design
- Forged from Alloy Steel
- 100% proof tested
- Designed to meet ASTM A952 & EN1677
- For welded 7/32" chain use 9/32" eye hook



Eye Sling Hook*																		
			w Latch	w/o Lth.														
Chain size		WLL*	Product	Product	Latch													
(in.)	(mm)	(lbs.)*	code	code	Kit	B	D	E	G	H	I	K	L	M	N	O	P	S
9/32	7	4,300	558622	458622	595523	1.6	3.50	1.5	5.25	0.44	0.73	1.59	0.75	3.75	1.19	1.20	1.05	1.06
3/8	10	8,800	558625	458625	595525	2.1	4.33	1.9	6.64	0.56	0.95	2.19	0.94	4.78	1.44	1.45	1.28	1.31
1/2	13	15,000	558628	458628	595528	2.6	5.50	2.3	8.16	0.75	1.17	2.56	1.13	5.69	1.78	1.94	1.66	1.63
5/8	16	22,600	558729	458729	595529	3.1	6.34	2.6	9.66	0.88	1.44	2.63	1.31	6.50	2.03	2.38	2.19	1.75
3/4	20	35,300	558730	458730	595530	3.50	7.83	3.00	11.38	1.00	1.69	3.44	1.50	7.81	2.50	2.83	2.51	2.19

*Available from stock with/without latch. Replacement latch kits are also available. User must determine if latch is required on hook.

***⚠WARNING**

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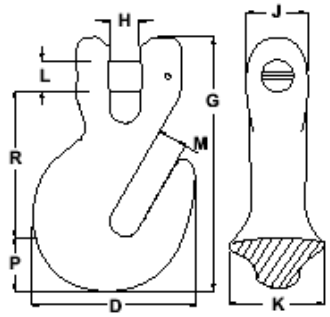
GRADE 100 CHAIN ATTACHMENTS

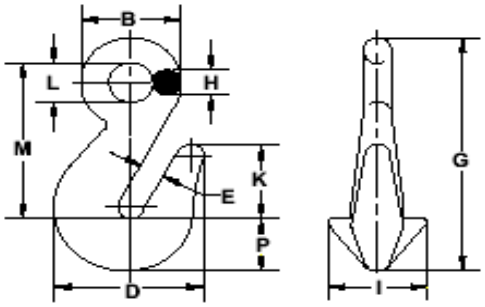
Clevlok Cradle Grab Hook



- New streamlined design
- Forged from Alloy Steel
- 100% proof tested
- Designed to meet ASTM A952 & EN1677

Clevlok Cradle Grab Hook													
													Wt.
Chain size		WLL*	Product	Dimensions (inches)									each
(in.)	(mm)	(lbs.)*	code	D	G	H	J	K	L	M	P	R	(lbs.)
9/32	7	4,300	659722	2.18	3.38	0.38	0.80	0.95	0.36	0.38	0.82	1.86	0.63
3/8	10	8,800	659725	2.72	4.33	0.47	1.16	1.27	0.51	0.47	1.02	2.47	1.3
1/2	13	15,000	659728	3.32	5.27	0.65	1.24	1.54	0.63	0.65	1.18	3.05	2.1
5/8	16	22,600	659729	4.18	6.54	0.79	1.53	1.92	0.75	0.79	1.41	3.75	4.2

Eye Cradle Grab Hook



- Proven design
- Forged from Alloy Steel
- Large open throat makes attachment easy
- 100% proof tested
- Designed to meet ASTM A952 & EN1677
- For welded 7/32” chain sling use 9/32” eye hook

Eye Cradle Grab Hook														
														Wt.
Chain size		WLL*	Product	Dimensions (inches)										each
(in.)	(mm)	(lbs.)*	code	B	D	E	G	H	I	K	L	M	P	(lbs.)
9/32	7	4,300	559725	1.38	1.91	0.36	3.70	0.38	1.06	1.04	0.63	12.57	1.76	0.55
3/8	10	8,800	559737	1.78	2.78	0.47	4.81	0.50	1.38	1.49	0.78	13.28	1.04	1.39
1/2	13	15,000	559750	2.28	3.63	0.59	6.19	0.63	1.81	1.98	1.03	14.22	1.51	3.05
5/8	16	22,600	559762	2.75	4.41	0.75	7.62	0.75	2.13	2.39	1.25	15.06	1.80	4.36
3/4	20	35,300	559775	3.19	5.23	0.88	8.99	0.88	2.88	3.50	1.44	6.25	1.88	9.00

***⚠WARNING**

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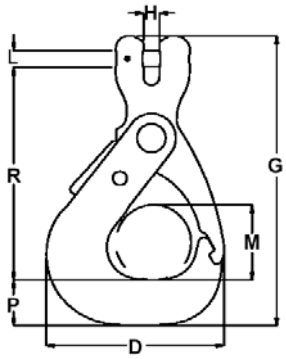
GRADE 100 CHAIN ATTACHMENTS

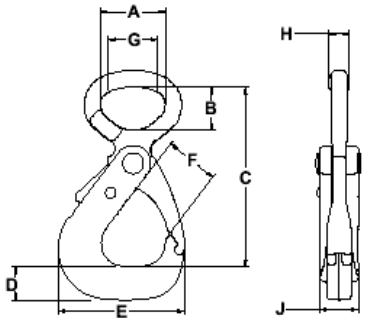
Clevlok Lodelok Hook



- Will fit grade 80 or grade 100
- Open design permits multi hardware use (Chain, Nylon & Wire Rope)
- Interlocking tip gives added protection
- Forged from Alloy Steel
- New “I” beam no catch point design
- 100% proof tested
- Designed to meet ASTM A952 & EN1677

Clevlok Lodelok Hook													
													Wt.
Chain size		WLL*	Product	Dimensions (inches)									each
(in.)	(mm)	(lbs.)*	code	D	G	H	J	K	L	M	P	R	(lbs.)
9/32	7	4,300	616005	3.89	6.37	0.35	1.00	1.19	0.36	1.56	1.00	4.68	2.62
3/8	10	8,800	616010	5.03	8.20	0.47	1.16	1.25	0.51	2.25	1.25	6.11	4.93
1/2	13	15,000	616015	6.68	10.07	0.59	1.50	1.63	0.63	2.81	1.75	7.25	9.32
5/8	16	22,600	616020	8.04	11.62	0.71	1.74	1.88	0.75	3.19	2.00	8.36	14.70

Eye Lodelok Hook



- Open design permits multi hardware use (Chain, Nylon & Wire Rope)
- Interlocking tip gives added protection
- Forged from Alloy Steel
- New “I” beam no catch point design
- 100% proof tested
- Designed to meet ASTM A952 & EN1677
- For welded 7/32" chain sling use 9/32" eye hook

Eye Lodelok Hook													
													Wt.
Chain size		WLL*	Product	Dimensions (inches)									each
(in.)	(mm)	(lbs.)*	code	A	B	C	D	E	F min	G	H	J	(lbs.)
9/32	7	4,300	626005	2.00	1.31	5.43	1.00	3.89	1.563	1.47	0.63	1.19	2.64
3/8	10	8,800	626010	2.50	1.78	7.41	1.25	5.03	2.250	2.00	0.75	1.25	4.86
1/2	13	15,000	626015	3.44	2.38	9.38	1.75	6.68	2.813	2.59	1.00	1.63	10.46
5/8	16	22,600	626020	3.94	2.62	10.71	2.00	8.04	3.125	2.92	1.25	1.88	16.52

***⚠WARNING**

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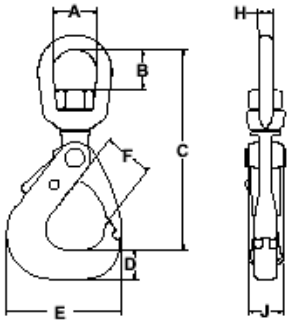
Swivel Lodelok Hook

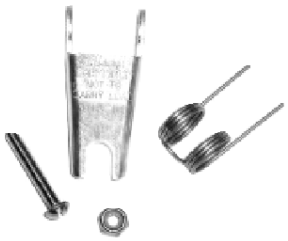


- Permits positioning of load before lift
- Open design permits multi hardware use (Chain, Nylon & Wire Rope)
- Interlocking tip gives added protection
- Forged from Alloy Steel
- New “I” beam no catch point design
- 100% proof tested
- Designed to meet ASTM A952 & EN1677
- For welded 7/32" chain sling use 9/32" eye hook

Swivel Lodelok Hook												
												Wt.
Chain size		WLL*	Product	Dimensions (inches)								each
(in.)	(mm)	(lbs.)*	code	A	B	C	D	E	Fmin	G	H	(lbs.)
9/32	7	4,300	676005	1.50	1.33	6.79	1.00	3.89	1.563	1.19	0.50	2.61
3/8	10	8,800	676010	1.75	1.63	8.77	1.25	5.03	2.250	1.25	0.63	5.09
1/2	13	15,000	676015	2.00	1.76	10.54	1.75	6.68	2.813	1.63	0.75	11.03
5/8	16	22,600	676020	2.75	2.38	12.80	2.00	8.04	3.125	1.88	1.00	18.09

Replacement Latch And Hook Kits

Replacement Latch Kits – Eye Sling Hooks Kit includes all hardware for	
Chain size (in.)	Current Style Latch Product Code
7/32	—
9/32	595523
3/8	595525
1/2	595528
5/8	595529
3/4	595530

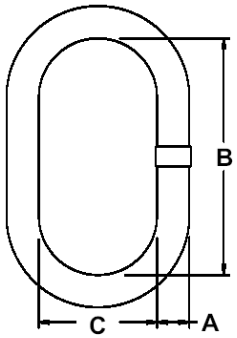


Clevlok Sling Hooks. – Eye Sling Hooks Kit includes all hardware for	
Chain size (in.)	Current Style Latch Product Code
9/32	4X658718
3/8	4X658719
1/2	4X658720
5/8	4X658721

***⚠WARNING**

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

Master Oblong Link



- Designed for Herc-Alloy 1000 chain and components
- Gray powder coated finish
- Used for mechanical and welded sling assemblies
- Meets or exceeds the requirements of ASTM A952
- 100% proof tested

Oblong Master Link										
						Type & Size of Chain Sling				
			Link Size (Inches)				on which used			
Trade		Working	Diameter	Inside	Inside	Single	Double	Triple	Quad	Weight
size	Product	load limit*	material	length	width	type	type	type	type	each
(in.)	code	(lbs.)*	A	B	C	S & C				(lbs.)
13/32	555231	5,400	0.406	3.000	1.500	7/32	7/32	—	—	0.33
1/2	555232	8,600	0.512	5.000	2.500	9/32	9/32	7/32	7/32	0.81
3/4	555235	17,600	0.750	5.500	2 .750	3/8	3/8	9/32	9/32	2.08
1	555238	30,000	1.024	7.000	3.500	1/2 or 5/8	1/2	3/8	3/8	4.59
1 1/4	555240	45,200	1.260	8.750	4.375	3/4	5/8	1/2	1/2	9.31
1 1/2	555243	70,600	1.500	10.500	5.250	—	3/4	5/8	5/8	15.6
1 3/4	555246	105,900	1.750	12.000	6.000	—	—	3/4	3/4	24.4

Oblong Master Link Sub-Assembly* for triple and quad branch chain slings											
Trade		Working	Oblong Master			Master Coupling					Weight
size	Product	load limit*	Link Size (In.)			Link Size (In.)			Triple	Quad	each
(in.)	code	(lbs.)*	A	B	C	D	E	F	Size	Size	(lbs.)
1/2	555274	7,000	0.512	3.000	1.500	0.344	0.625	1.125	7/32	7/32	1.04
3/4	555275	11,200	0.750	5.500	2.750	0.468	0.875	1.563	9/32	9/32	2.08
1	555276	22,900	1.000	7.000	3.500	0.656	1.250	2.250	3/8	3/8	4.59
1 1/4	555277	39,000	1.250	8.750	4.375	0.906	1.750	3.125	1/2	1/2	9.16
1 1/2	555278	58,700	1.500	10.500	5.250	1.125	2.250	4.000	5/8	5/8	15.66
13/4	555279	91,700	1.750	12.000	6.000	1.250	2.375	4.375	3/4	3/4	24.44
*Consisting of oblong master link and two welded master coupling links.											

***⚠WARNING**

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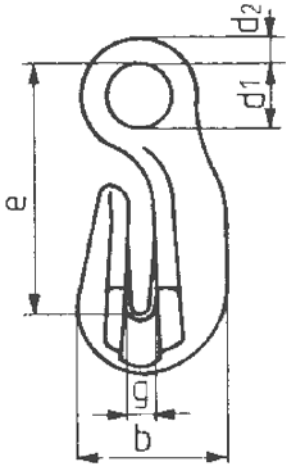
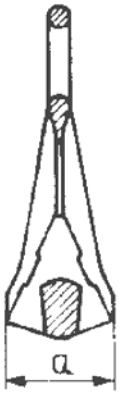
Shortening Hook Specifications

For securing suspended chains, shortening chains and adjusting chains to form a loop which must not tighten. Full load of the chain may be used.





Chain Size ins.	Product Code	e	b	a	d1	d2	g	lb/pc
9/32	15111	3.46	1.97	1.54	0.94	0.43	0.35	1.10
3/8	15102	4.53	2.68	1.97	1.22	0.55	0.51	2.16
1/2	15104	5.79	3.54	2.52	1.54	0.59	0.59	4.62
5/8	15106	6.97	4.33	3.15	1.85	0.67	0.67	8.98
3/4	15108	8.27	5.28	3.70	2.20	0.94	0.83	15.6

***⚠WARNING**

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USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 120 CHAIN ADVANTAGES

ADVANTAGES OF GRADE 120:

1. 50% Higher Work Load Limits compared to Grade 80. Allowing a downsizing of chains.

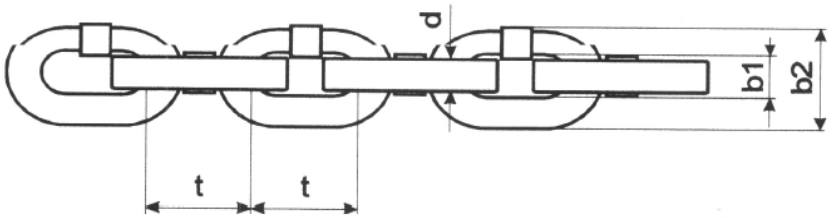
2. Weight Reduction—Downsizing of chains results in lower weights for chain slings.

3. Improved Wear Resistance—Due to the special form of the profile chain, a larger contact area is achieved between the bearing surfaces of the links. This is a real advantage in abrasive environments.

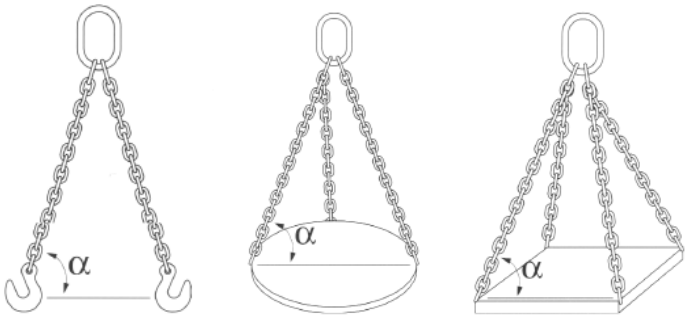
4. Bending Resistance - The G120 profile chain has up to 38% higher moment of resistance compared to regular round-link chains of the same diameter. Therefore, the chain can withstand bending forces better than round-link chains.

5. Color-Coded Corrosion Protection—G120 has a powder coated finish in blue providing easy identification and corrosion protection.

6. 6. G120 Meet or Exceeds NACM/ASTM-Test Requirements.

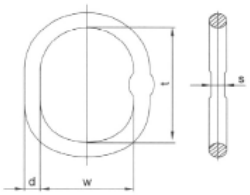


Chain Size	WLL	Breaking LL (lbs.)	Product Code	Nominal Thickness d	Pitch t	Width Inside b1 min.	Width Outside b2 max.	Weight
9/32	5,200	20,800	NI 720	.276 (7 mm)	.846	.378	1.134	.907
3/8	10,600	42,400	NI 1020	.394 (10 mm)	1.280	.532	1.457	1.814
1/2	17,900	71,600	NI 1320	.512 (13 mm)	1.634	.717	1.894	3.225



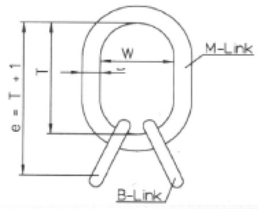
Chain Size ins.	WLL (lbs.) at Various Angles						
	1-Leg	2-Leg			3 & 4-Leg		
	90 °	30 °	45 °	60 °	30 °	45 °	60 °
9/32	5,200	5,200	7,400	9,000	7,800	11,000	13,500
3/8	10,600	10,600	15,000	18,400	15,900	22,500	27,500
1/2	17,900	17,900	25,300	31,000	26,900	38,000	46.500
Actual Chain Temp.	- 40 ° to 400 ° F.						
Reduction Factor	1						
For asymmetrical load distribution, use sling leg value for all angles or 2-leg slings; Use 2-leg values for all 3 and 4-leg slings							
Angle		30 °	45 °	60 °	30 °	45 °	60 °
Load factor with symmetrical load distribution		1	1.4	1.7	1.5	2.1	2.6
		1	1	1	1	1.4	1.7
Reduction Factor		1		0.7		0.5	

GRADE 120 CHAIN LINKS AND HOOKS



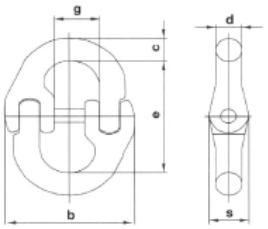
Enlarged Master Links M-G120
Master Link For Single Leg Slings Or End Link

Product Code	Single Leg Sling Ins.	WLL (lbs.)	d	t	w	s	Weight lb./pc.
M1320	9/32	5,200	0.551	4.724	2.756	0.394	0.97
M1820	3/8	10,600	0.787	6.299	3.740	0.551	2.67
M2620	1/2	17,900	1.063	7.480	4.331	0.787	5.84



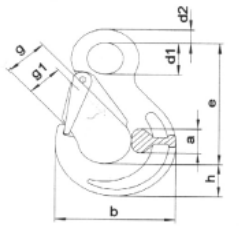
Enlarged Master Link Assemblies VM-G120
Master Link Assemblies for Multi-Leg Slings

Product	Consisting	Dbl. Leg	3 & 4 Leg	WLL	Weight		M-Link		
Code	of	Sling ins.	Sling ins.	60kg/lb	e	lb/pc	d	t	w
VM720	M18+2B13	9/32	-	9,000	8.425	3.42	.787	6.299	3.740
VM10720	M26+2B16	3/8	9/32	18,400	10.236	7.43	1.063	7.480	4.331
VM131020	M32+2B20	1/2	3/8	31,000	12.402	13.23	1.300	9.055	5.118
VM1320	M36+2B26	-	1/2	46,500	16.34	24.52	1.5	10.827	5.906



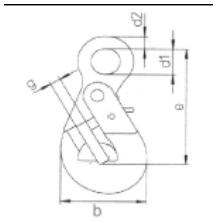
Connex-Connecting Link C-G120
For Master Link To Chain Or Chain To Components

Product Code	WLL (lbs.)	e	c	s	d	b Max.	g	Weight lb./pc.
C720	5,200	2.008	.433	.516	.354	1.831	.642	.26
C1020	10,600	2.772	.630	.787	.496	2.579	.846	.73
C1320	17,900	3.740	.827	.945	.657	3.307	1.024	1.54



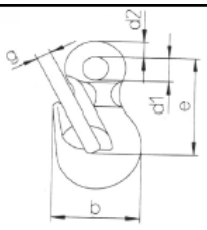
Eye Sling Hook HS-G120
General Purpose Hook With Forged Safety Latch

Product Code	WLL (lbs.)	e	h	a	d1	d2	g1	b	Weight lb./pc.
HS720	5,200	3.976	1.102	.748	0.984	0.43	1.024	3.465	1.10
HS1020	10,600	5.158	1.299	1.024	1.339	0.630	1.220	4.272	2.38
HS1320	17,900	6.260	1.654	1.299	1.693	0.75	1.535	5.264	4.03



Self Locking Shortening Hook XS-G120
Shortening Applications Where Chain Must Be Secure

Product Code	WLL (lbs.)	e	b	d1	d2	g	Weight lb./pc.
XS720	5,200	4.685	3.039	.984	.472	.394	1.98
XS1020	10,600	5.787	3.976	1.280	.630	.512	3.31
XS1320	17,900	7.303	4.949	1.575	.787	.669	6.17

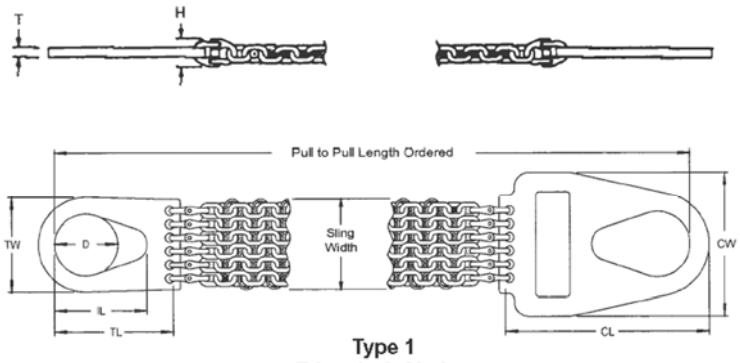


Grab Hook P-G120
May Be Used As A Shortening Device

Product Code	WLL (lbs.)	e	b	d1	d2	g	Weight lb./pc.
P720	5,200	2.776	2.291	.787	.453	.413	.46
P1020	10,600	3.465	2.988	.866	.591	.512	1.43
P1320	17,900	4.449	3.976	1.024	.709	.669	3.00

Endurance Chain Mesh Slings

Specialty Slings for rugged applications—Widely used in metalworking shops, and stevedoring when abrasive conditions or hot environments damage and destroy synthetic slings.



Type 1
Triangle & Choker

Chain Size (in.)	Parts of Chain	Sling Width	Terminal Dimensions (ins.) D	IL	TL	TW	CL	CW	T	H	5 Ft. Type 2 Weight (lbs.)	Weight/Ft. (lbs.)
7/32	3	1-1/2	2-3/4	4-1/8	6-3/4	4-3/4	9	7-1/8	3/8	1-1/4	10	1.3
	4	2	3	4-1/2	7-1/8	5	9-3/8	7-1/4	3/8	1-1/4	12	1.8
	5	2-1/2	3-1/2	5-1/4	8	5-1/2	10-1/8	7-3/4	3.8	1-1/4	14	2.2
	6	3	3-3/4	5-5/8	8-1/4	5-3/4	10-5/8	8-1/4	3.8	1-1/4	17	2.7
9/32	3	2-1/8	2-3/4	4-1/8	6-3/4	4-3/4	9	7-1/8	1/2	1-3/4	14	2.2
	4	2-3/4	3	4-1/2	7-1/8	5	9-3/8	7-1/4	1/2	1-/34	18	3.0
	5	3-3/8	3-1/2	5-1/4	8	5-1/2	10-1/8	7-3/4	1/2	1-3/4	22	3.7
	6	4	3-3/4	5-5/8	8-1/4	5-3/4	10-5/8	8-1/4	1/2	1-3/4	26	4.5
3/8	3	3-1/4	3-1/2	5-1/4	6-7/8	6			3/4	2-1/4	30	4.4
	4	4-3/8	4-3/8	6-1/2	8-1/8	6-3/8			3/4	2-1/4	41	5.8
	5	5-3/8	4-3/8	6-1/2	8-3/8	7-3/8			3/4	2-1/4	55	7.3
	6	6-1/2	5-1/4	7-7/8	9-3/4	8-1/4			3/4	2-1/4	59	8.8
1/2	2	3	3-1/2	5-1/4	6-7/8	5			1	3-1/8	33	5.2
	3	4-1/2	4-3/8	6-1/2	8-3/8	6-3/8			1	3-1/8	50	7.7
	4	6	5-1/4	7-7/8	9-3/4	7-3/4			1	3-1/8	62	10

NOTE: Length tolerance + or - 2 chain links so plane is maintained.

***⚠WARNING**

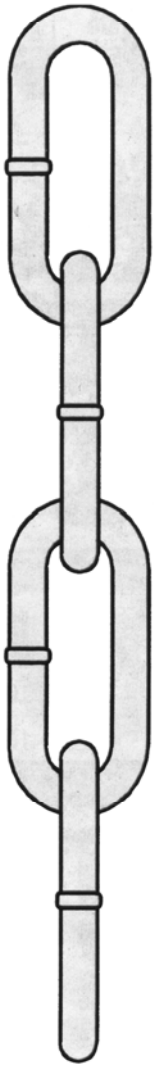
DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

COIL CHAIN—STRAIGHT

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
#4	205	10	.118	1.11	.21
#2	310	16	.146	1.18	.26
1/0	440	23	.174	1.25	.31
2/0	520	26	.189	1.30	.34
4/0	670	35	.210	1.39	.38
5/0	880	46	.247	1.55	.45

*nominal weights and dimensions +/- 2%



Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
#4	100	9	1619-512-00	1619-512-04
#2	100	15	1626-512-00	1626-512-04
1/0	100	22	1633-512-00	1633-512-04
2/0	100	26	1636-512-00	1636-512-04
4/0	100	35	1643-512-00	1643-512-04
5/0	100	47	1649-512-00	1649-512-04

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#4	100	10	3 5/8"	1619-523-04
#2	100	16	6"	1626-523-04
1/0	100	23	6"	1633-523-04
2/0	125	34	12 1/8"	1636-524-04
4/0	75	25	6"	1643-522-04

Do Not Use for Overhead Lifting

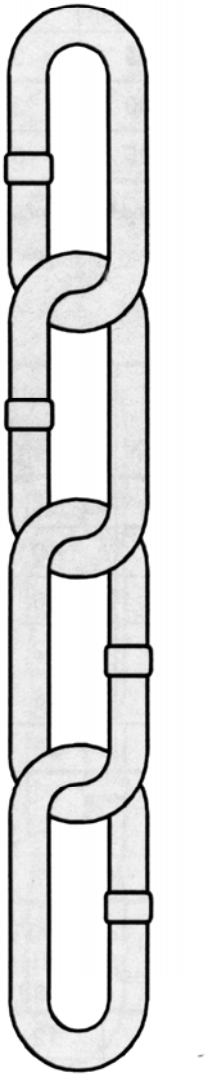
COIL CHAIN—TWISTED

- **Welded steel chain used in many light duty industrial applications.**
- **Furnished as straight or twist.**

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
#4	195	10	.118	1.09	.18
#2	295	16	.146	1.15	.22
1/0	415	24	.174	1.22	.27
2/0	495	27	.189	1.24	.29
4/0	635	33	.210	1.34	.33
5/0	835	47	.247	1.47	.38

*nominal weights and dimensions +/- 2%



Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
#4	100	9	1719-512-00	1719-512-04
#2	100	15	1726-512-00	1726-512-04
1/0	100	24	1733-512-00	1733-512-04
2/0	100	27	1736-512-00	1736-512-04
4/0	100	33	1743-512-00	1743-512-04
5/0	100	47	1749-512-00	1749-512-04

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
1/0	100	25	6"	1733-523-04
2/0	100	27	6"	1736-523-04

Do Not Use for Overhead Lifting

DOUBLE LOOP CHAIN

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
#3	90	6	.080
#1	155	10	.105
1/0	200	13	.120
2/0	255	17	.135
3/0	305	20	.148

Cartons

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Electro-Galv. Part Number
#3	100	7	4126-512-04
#1	100	11	4133-512-04
1/0	100	14	4136-512-04
2/0	100	18	4139-512-04
3/0	100	21	4146-512-04

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#3	200	13	6	4126-527-04
#1	250	26	12 1/8	4133-528-04
1/0	250	34	12 1/8	4136-528-04
2/0	175	31	12 1/8	4139-526-04
3/0	100	22	6	4146-523-04

Do Not Use for Overhead Lifting

DOUBLE LOOP CHAIN—SPECIAL WELL CHAIN

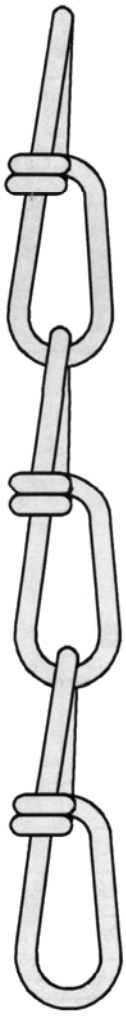
Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
2/0	255	17	.135

Special Well is a double loop chain with longer links than regular. Longer links allow you to use less chain for the same application: a great value.

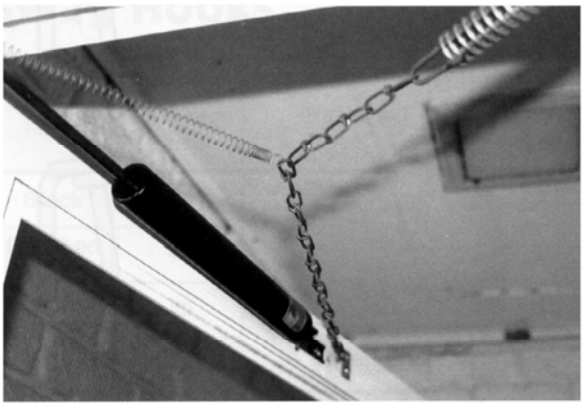
Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Electro-Galv. Part Number
2/0	250	41	4144-500-04



Pail

Chain Size (Trade Size)	Feet per Pail	Weight per Pail (lbs.)	Electro-Galv. Part Number
2/0	350	56	4144-512-04



Do Not Use for Overhead Lifting

Trailer Safety Chain

Class 1 – 3/16" Proof Coil – (3000# GVW) 3/8" Trailer "S" Hook Each End, Zinc			
REACH	**PACKAGED**	**WEIGHT**	**PART NUMBER**
36"	Bulk	1.45	2114-577-04
48"	Bulk	1.82	2114-553-04
60"	Bulk	2.25	2114-544-04
72"	Bulk	2.65	2114-555-04

3/8" Trailer "S" Hook One End			
24"	Bulk	0.95	2114-591-04
30"	100/drum	1.11	2114-602-04
36"	100/drum	1.38	2115-513-04

Class 2 – 5/0" Straight Coil – (3500# GVW) 13/32" Trailer "S" Hook Each End, Zinc			
36"	Bulk	1.85	1647-506-04
48"	Bulk	2.24	1647-507-04
60"	Bulk	2.89	1647-508-04
72"	Bulk	3.18	1647-509-04

5/0 Straight Coil "S" Hook One End			
24"	Bulk	1.24	1647-516-04
30"	Bulk	1.42	1657-514-04
36"	Bulk	1.66	1647-510-04

Class 3 – 1/4" Proof Coil – (5000# GVW) 7/8" Trailer "S" Hook Each End, Zinc			
36"	Bulk	2.58	2118-552-04
48"	Bulk	3.33	2117-551-04
60"	Bulk	3.92	2117-552-04
72"	Bulk	4.73	2117-540-04

1/4" Proof Coil "S" Hook One End			
24"	Bulk	1.74	2118-802-04
30"	Bulk	2.05	2117-595-04
36"	Bulk	2.42	2117-589-04

Laclede Chain's
Trailer Safety Latch
Patent # 6,230,375

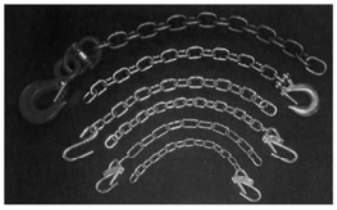
Do Not Use for Overhead Lifting

Trailer Safety Chain (continued)

Class 4 – 8/0" Straight Cross – (7600# GVW) 17/32" Trailer "S" Hook Each End, Zinc

36"	Bulk	3.86	2121-903-04
48"	Bulk	4.80	2457-519-04
60"	Bulk	5.82	2121-568-04
72"	Bulk	6.84	2121-569-04

8/0 Straight Cross "S" Hook One End			
24"	Bulk	2.40	2457-527-04
30"	Bulk	3.02	2457-500-04
36"	Bulk	3.48	2457-508-04



Please note that preceding assemblies use **SPECIAL** Trailer "S" Hooks specifically manufactured for use with these chain sizes. Other lengths available upon request in either configuration.

NOTE: All Trailer "S" Hooks are available with Laclede patented latches. Please inquire as to your applications.

Larger sizes and grades are available using clevis slip hooks with latches. Please call with your requirements.

Trace Chain

Chain Size (in.)	Description	Finish	Weight (lbs.)	Part Number
4/0	**Straight Coil Chain - 7', 2/pr box, 5/pr carton**	SC	29.4	1644-570-02
4/0	**Straight Coil Chain - 7.5', 2/pr box, 5/pr carton**		30.9	1644-575-02
9/32	**6/0 Straight Coil Chain - 7.5', 2/pr box, 5/pr carton**		46.3	2251-575-02
4/0	**Straight Coil Chain - 7', bulk**		2.9	1644-570-75
4/0	**Straight Coil Chain - 7.5', bulk**		3.1	1644-575-75
9/32	**6/0 Straight Coil Chain - 7.5', bulk**		4.6	2251-575-75

Do Not Use for Overhead Lifting

JACK CHAIN—SINGLE

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.) (Steel)	Working Load Limit (lbs.) (Brass)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
#18	5	4	2	.047
#16	10	8	3	.062
#14	16	11	5	.080
#12	29	20	9	.105
#10	43	34	15	.135

Carton

Chain Size (Trade Size)	Feet Per Carton	Weight per Carton (lbs.)	Solid Brass Part Number	Electro-Galv. Part Number
#18	100	2	4216-512-10	4216-512-04
#16	100	3	4219-512-10	4219-512-04
#14	100	5	4223-512-10	4223-512-04
#12	100	9	-	4226-512-04
#10	100	15	-	4229-512-04

Reels

Chain Size (Trade Size)	Feet Per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#16	250	8	6"	4219-528-04
#14	200	9	6"	4223-527-04
#12	250	22	6"	4226-528-04
#12	100	8	6"	4226-523-04
#10	100	14	6"	4229-523-04

Do Not Use for Overhead Lifting

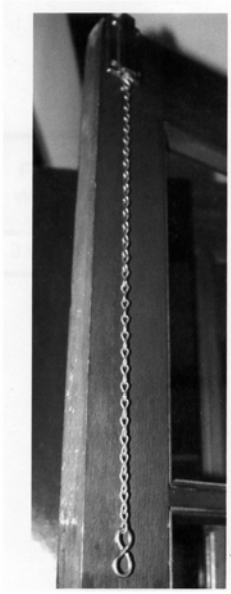
JACK CHAIN—DOUBLE

Specifications

Chain Size (Trade Size)	Working Load Limit (Brass) (lbs.)	Working Load Limit (E.G.) (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
#16	8	11	4	.062

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Solid Brass Part Number	Electro-Galv. Part Number
#16	200	9	3 5/8"	4319-527-10	4319-527-04



Do Not Use for Overhead Lifting

LOCK LINK CHAIN—SINGLE LOOP

Specifications

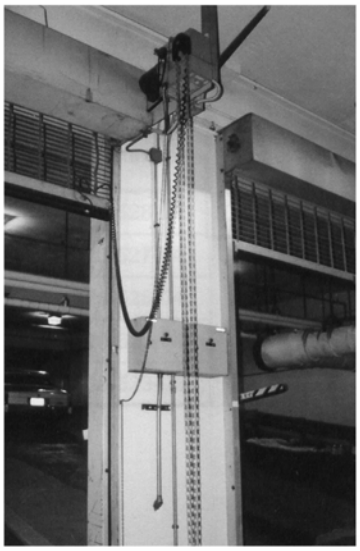
Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
3/0	405	25	.148

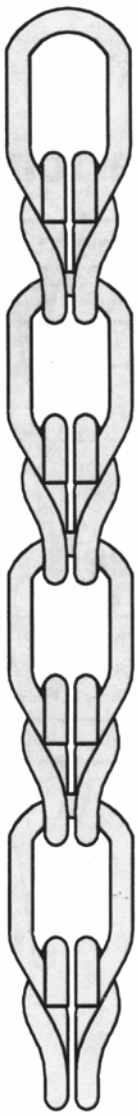
Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
3/0	100	27	12 1/8"	4546-523-04

Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Electro-Galv. Part Number
3/0	100	26	4546-512-04





Do Not Use for Overhead Lifting

MACHINE CHAIN—STRAIGHT

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
#4	215	12	.118	.55	.21
#2	325	19	.146	.61	.26
1/0	465	27	.174	.74	.31
2/0	545	32	.189	.78	.36
4/0	700	37	.210	.95	.40
5/0	925	53	.247	1.07	.44

*nominal weights and dimensions +/- 2%

Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
#4	100	12	1819-512-00	1819-512-04
#2	100	19	1826-512-00	1826-512-04
1/0	100	26	1833-512-00	1833-512-04
2/0	100	32	1836-512-00	1836-512-04
4/0	100	36	1843-512-00	1843-512-04
5/0	100	53	1849-512-00	1849-512-04

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#4	100	12	3 5/8"	1819-523-04
#2	150	29	6"	1826-525-04
1/0	100	27	6"	1833-523-04
2/0	100	33	6"	1836-523-04

Do Not Use for Overhead Lifting

MACHINE CHAIN—TWIST

- **A low carbon welded steel chain.**
- **Available in straight and twisted links.**

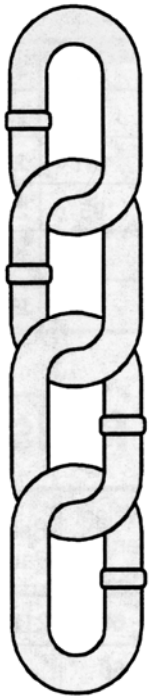
Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
#4	205	12	.118	.52	.17
#2	310	20	.146	.58	.21
1/0	440	28	.174	.68	.26
2/0	520	32	.189	.73	.28
4/0	670	44	.210	.88	.32
5/0	880	53	.247	1.00	.37

*nominal weights and dimensions +/- 2%

Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
#4	100	11	1919-512-00	1919-512-04
#2	100	19	1926-512-00	1926-512-04
1/0	100	28	1933-512-00	1933-512-04
2/0	100	32	1936-512-00	1936-512-04
4/0	100	44	1943-512-00	1943-512-04
5/0	100	53	1949-512-00	1949-512-04



Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#4	200	24	6"	1919-527-04
1/0	100	29	6"	1933-523-04
2/0	75	25	6"	1936-522-04

Do Not Use for Overhead Lifting

PASSING LINK CHAIN

- **Links of chain so designed that the chain will not kink or knot.**
- **Used generally in tie-out purposes on livestock.**

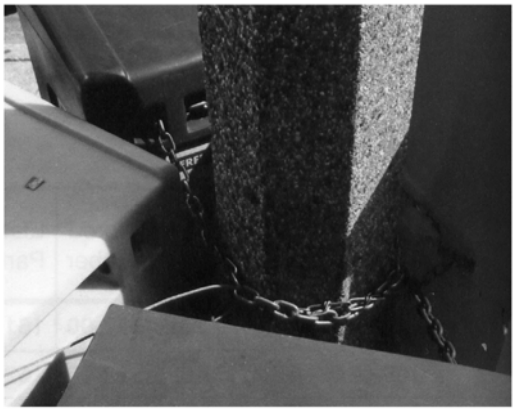
Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
2/0	**450**	**32**	**.189**	**.875**	**.47**
4/0	**600**	**41**	**.210**	**.875**	**.50**

*nominal weights and dimensions +/- 2%

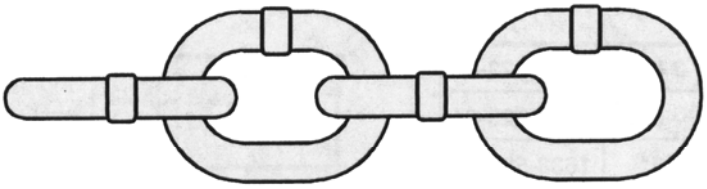
Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
2/0	**75**	**25**	**6"**	**2036-522-04**
4/0	**100**	**42**	**6"**	**2043-523-04**



Cartons

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
2/0	**100**	**33**	**2036-512-00**	**2036-512-04**
4/0	**100**	**42**	**2043-512-00**	**2043-512-04**



Do Not Use for Overhead Lifting

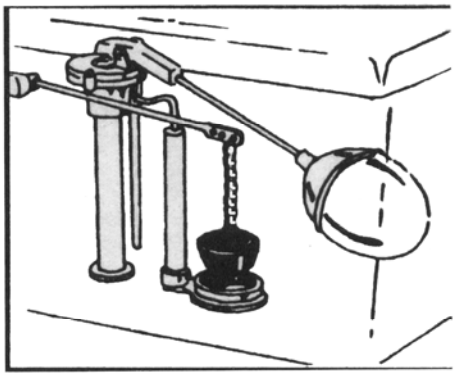
PLUMBERS CHAIN

Specifications

Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
1/0	35	3	.023

Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Brass Part Number
1/0	100	3	4836-512-10



Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
1/0	200	5	3 5/8"	4836-527-10

Do Not Use for Overhead Lifting

STEEL SASH CHAIN

Specifications

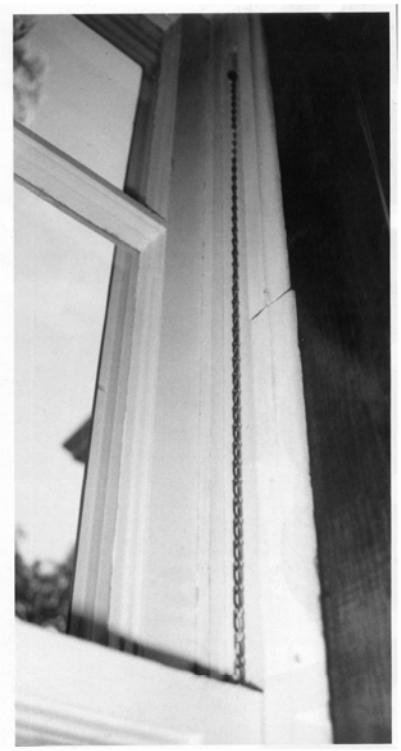
Chain Size (Trade Size)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)
#8	75	4	.035
#35	106	6	.035

Carton

Chain Size (Trade Size)	Feet per Carton	Weight per Carton (lbs.)	Electro-Galv. Part Number
#8	100	4	4913-512-04
#35	100	7	4923-512-04

Reels

Chain Size (Trade Size)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number
#8	500	21	6"	4913-529-04
#35	100	7	3 5/8"	4923-523-04



Do Not Use for Overhead Lifting

PROOF COIL—REGULAR LINK

- **A general light purpose chain ideal for most applications requiring a light duty steel chain.**
- **Available in E.G., H.G., self colored, and painted finishes.**

Specifications

Chain Size (in.)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
1/8	400	21	.160	.90	.27
3/16	800	38	.210	.95	.39
1/4	1,300	69	.275	1.02	.50
5/16	1,900	100	.330	1.15	.49
3/8	2,650	145	.397	1.30	.60
1/2	4,500	264	.520	1.56	.81
5/8	6,900	393	.630	1.87	1.00
3/4	10,600	622	.780	2.71	1.04

*nominal weights and dimensions +/- 2%

Full Drums

Chain Size (in.)	Feet per Drum	Weight per Drum (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/8	2,000	420	2113-561-00	2113-561-04	2113-561-06
3/16	1,600	592	2116-642-00	2116-642-04	2116-642-06
1/4	800	571	2119-543-00	2119-543-04	2119-543-06
5/16	550	561	2123-543-00	2123-543-04	2123-543-06
3/8	400	589	2126-543-00	2126-543-04	2126-543-06
1/2	200	540	2133-543-00	2133-543-04	2133-543-06
5/8	150	599	2139-543-00	-	2139-543-06
*3/4	100	622	2143-541-20	-	2143-541-56

*Import chain

Do Not Use for Overhead Lifting

PROOF COIL—LONG LINK

- **A general light purpose chain ideal for most applications requiring a light duty steel chain.**
- **Available in E.G., H.G., self colored, and painted finishes.**

Specifications

Chain Size (in.)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
1/4	**1,300**	**63**	**.275**	**1.24**	**.46**
5/16	**1,900**	**91**	**.330**	**1.30**	**.49**
3/8	**2,650**	**135**	**.397**	**1.45**	**.60**

*nominal weights and dimensions +/- 2%

Drums

Chain Size (in.)	Feet per Drum	Weight per Drum (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	**800**	**513**	**2119-643-00**	**2119-643-04**	**2119-643-06**
5/16	**550**	**509**	**2123-643-00**	**2123-643-04**	**2123-643-06**
3/8	**400**	**550**	**2126-643-00**	**2126-643-04**	**2126-643-06**

Long Link vs Regular Proof Coil

Half Drums

Chain Size (in.)	Feet per Half Drum	Weight per Half Drum (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	**400**	**257**	**2119-644-00**	**2119-644-04**	**2119-644-06**
5/16	**275**	**256**	**2123-644-00**	**2123-644-04**	**2123-644-06**
3/8	**200**	**276**	**2126-644-00**	**2126-644-04**	**2126-644-06**

Do Not Use for Overhead Lifting

PROOF COIL—PAILS, REELS

Round Pails

Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Shot Blast Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	135	96	1419-503-01	1419-503-04	1419-503-06
5/16	90	92	1423-503-01	1423-503-04	1423-503-06
3/8	63	93	1426-503-01	1426-503-04	1426-503-06
1/2	37	100	1433-501-01	1433-501-04	-

Square Pails

Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Shot Blast Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	90	64	1419-403-01	1419-403-04	1419-403-06
5/16	65	67	1423-403-01	1423-403-04	1423-403-06
3/8	45	67	1426-403-01	1426-403-04	1426-403-06
1/2	25	68	1433-504-01	-	-

Reels

Chain Size (in.)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Shot Blast Part Number	Electro-Galv. Part Number
1/4	75	53	12 1/8"	1419-522-01	1419-522-04
5/16	70	71	12 1/8"	1423-532-01	1423-532-04
3/8	50	73	12 1/8"	1426-521-01	1426-521-04

Do Not Use for Overhead Lifting

PROOF COIL—PAILS, REELS

Round Pails

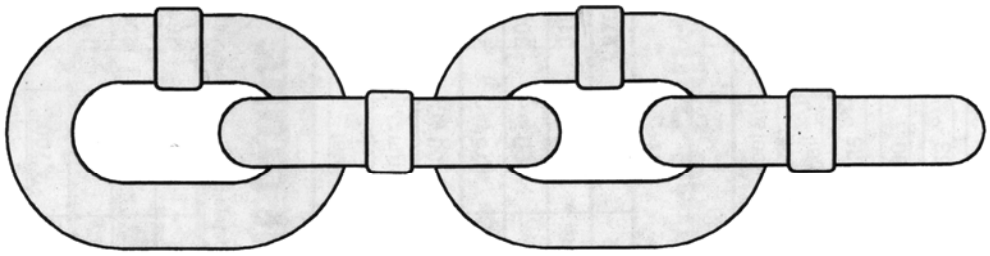
Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	141	90	2119-601-00	2119-601-04	2119-601-06
5/16	92	85	2123-601-00	2123-601-04	2123-601-06
3/8	63	86	2126-601-00	2126-601-04	2126-601-06

Square Pails

Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number	Yellow Paint Part Number
1/4	100	65	2119-603-00	2119-603-04	2119-603-06	2119-603-13
5/16	70	65	2123-600-00	2123-600-04	2123-600-06	-
3/8	45	63	2126-600-00	2126-600-04	2126-600-06	-

Reels

Chain Size (in.)	Feet per Reel	Weight per Reel (lbs.)	Reel Width	Electro-Galv. Part Number	Hot Galvanized Part Number
3/16	100	39	12 1/8"	2116-623-04	2116-623-06
1/4	100	64	12 1/8"	2119-623-04	2119-623-06
5/16	70	63	12 1/8"	2123-632-04	2123-632-06
3/8	45	62	12 1/8"	2126-633-04	2126-633-06



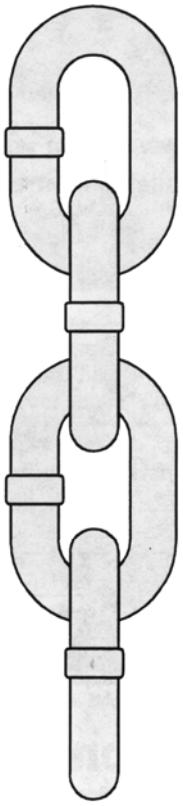
Do Not Use for Overhead Lifting

PROOF COIL—DRUMS, PAILS

Half Drums

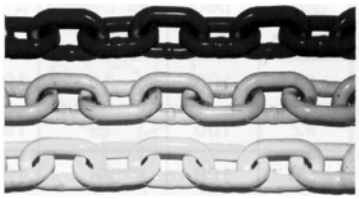
Chain Size (in.)	Feet per Half Drum	Weight per Half Drum (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/8	1,000	211	2113-562-00	2113-562-04	2113-562-06
3/16	800	302	2116-641-00	2116-641-04	2116-641-06
1/4	400	286	2119-544-00	2119-544-04	2119-544-06
5/16	275	281	2123-544-00	2123-544-04	2123-544-06
3/8	200	295	2126-544-00	2126-544-04	2126-544-06
1/2	100	270	2133-544-00	2133-544-04	2133-544-06
5/8	75	301	2139-544-00	-	2139-544-06
*3/4	50	311	2143-544-50	-	2143-544-56

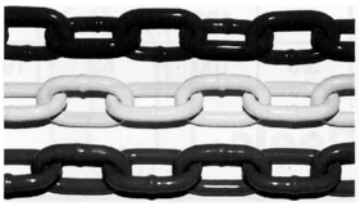
*Import chain



Round Pails

Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Self Colored Part Number	Electro-Galv. Part Number
1/8	500	105	2113-502-00	2113-502-04
3/16	250	92	2116-601-00	2116-601-04
1/4	141	101	2119-503-00	2119-503-04
5/16	92	95	2123-503-00	2123-503-04
3/8	63	96	2126-503-00	2126-503-04
1/2	36	98	2133-501-00	2133-501-04





Square Pails

Chain Size (in.)	Feet per Pail	Weight per Pail (lbs.)	Self Colored Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
3/16	175	68	2116-403-00	2116-403-04	2116-403-06
1/2	25	68	-	2133-403-04	-

Powder coated finishes available as special order. Call for details.

Do Not Use for Overhead Lifting

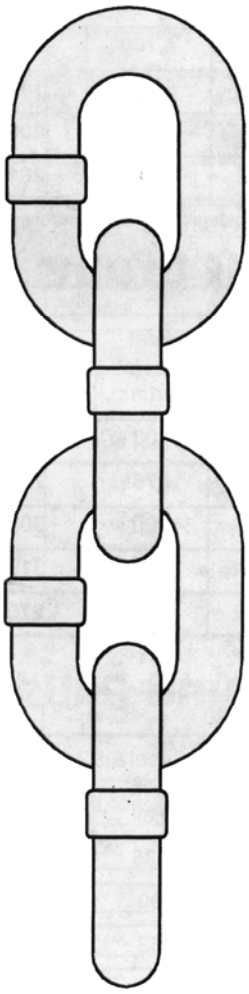
TIEDOWNS—HIGH TEST CHAIN

- **Low carbon steel chain ideal for most tie down applications.**
- **Electronically welded and proof tested.**
- **Available as shot blast, self-colored, and E.G. or hot galvanized finishes.**

Specifications

Chain Size (in.)	Working Load Limit (lbs.)	Weight per 100 ft. (lbs.)	Material Diameter (in.)	Inside Length (in.)	Inside Width (in.)
1/4	2,600	69	.275	1.02	.50
5/16	3,900	100	.330	1.15	.49
3/8	5,400	145	.397	1.30	.60
1/2	9,200	265	.520	1.56	.81
5/8	13,000	393	.630	1.87	1.00

*nominal weights and dimensions +/- 2%



Full Drums

Chain Size (in.)	Feet per Drum	Weight per Drum (lbs.)	Shot Blast Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	800	560	1419-543-01	1419-543-04	1419-543-06
5/16	550	558	1423-543-01	1423-543-04	1423-543-06
3/8	400	588	1426-543-01	1426-543-04	1426-543-06
1/2	200	538	1433-543-01	1433-543-04	1433-543-06
5/8	150	598	1439-543-01	-	1439-543-06

Half Drums

Chain Size (in.)	Feet per Half Drum	Weight per Half Drum (lbs.)	Shot Blast Part Number	Electro-Galv. Part Number	Hot Galvanized Part Number
1/4	400	282	1419-544-01	1419-544-04	1419-544-06
5/16	275	281	1423-544-01	1423-544-04	1423-544-06
3/8	200	296	1426-544-01	1426-544-04	1426-544-06
1/2	100	271	1433-544-01	1433-544-04	1433-544-06
5/8	75	301	1439-544-01	-	1439-544-06

Do Not Use for Overhead Lifting

High Test Tow & Binder Chains -

Eye Type Grab Hook Each End

Chain Size (in.)	Length (ft.)	Working Load Limit (lbs.)	Pieces Per Drum	Weight per Drum (lbs.)	Self Colored Part Number
5/16	14	3,900	25	385	1421-822-58
	16		25	435	1421-824-55
	20		20	426	1421-812-57
	25		20	526	1421-826-55
3/8	14	5,400	25	565	1424-822-58
	16		25	635	1424-863-56
	20		20	630	1424-865-58
	25		15	585	1424-827-55

Proof Coil Tow Chains -

Eye Type Hook Each End

Chain Size (in.)	Length (ft.)	Working Load Limit (lbs.)	Packaging	Weight (lbs.)	Part Number
5/16	16	1,900	30/Drum	516	2121-626-04
	20		25/Drum	538	2121-627-04
3/8	16	2,650	25/Drum	638	2124-623-55
	20		20/Drum	612	2124-625-55

General Purpose Tow Chains -

Eye Type Grab Hook Each End

Chain Size (Trade Size)	Description	Length (ft.)	Working Load Limit (lbs.)	Weight per Carton (lbs.)	Electro-Galv. Part Number
5/0	Long Link Coil Chain	12	880	7	1646-611-88
5/0		14	880	8	1646-612-88
5/0	Reg Link Machine Chain	12	925	7	1848-621-04
5/0		14	925	8	1848-622-04
7/0		14	1,370	12	2454-622-88
9/0		14	2,100	19	2461-622-88

Do Not Use for Overhead Lifting

Alloy Tow & Binder Chains - Clevis Type

Warning:
not for overhead lifting

Chain Size (in.)	Length (ft.)	Working Load Limit (lbs.)	Weight per Unit (lbs.)	Shot Blast Part Number
5/16	20	5,100	23	1022-530-01
3/8	16	7,100	27	1024-416-01
	20		33	1024-520-01
1/2	16	12,000	47	1031-516-01
	20		57	1031-522-01
5/8	20	18,100	81	1037-520-01

Transport Tow & Binder Chains - Clevis Type

Chain Size (in.)	Length (ft.)	Working Load Limit (lbs.)	Pieces Per Drum	Weight per Drum (lbs.)	Gold Chromart Part Number
5/16	14	4,700	25	390	3521-622-56
	16		25	440	3521-623-56
	20		25	538	3562-320-05
	25		20	535	3521-626-57
3/8	14	6,600	25	563	3524-622-57
	16		25	635	3524-623-56
	20		20	630	3583-520-15
	25		15	590	3582-825-05
1/2	16	11,300	10	477	3532-823-55
	20		10	583	3532-725-55

High Test Tow & Binder Chains - Clevis Type

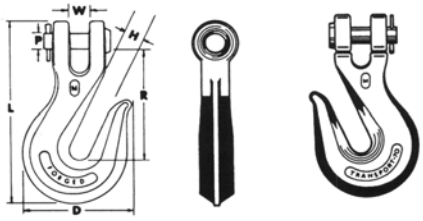
Chain Size (in.)	Length (ft.)	Working Load Limit (lbs.)	Pieces Per Drum	Weight per Drum (lbs.)	Self Colored Part Number
5/16	14	3,900	25	387	1473-514-00
	16		25	438	1421-830-00
	20		20	425	1421-812-58
	25		20	527	1421-826-56
3/8	14	5,400	25	579	1424-822-60
	16		25	643	1424-863-60
	20		20	635	1424-865-60
	25		15	589	1424-828-56

GRADE 70 CHAIN AND HOOKS

Grade 70 Chain

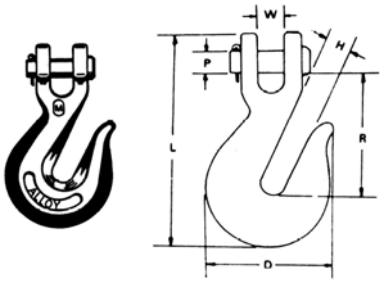
Grade 70 Chain									Weight (lbs.) per 100
Chain size (ins.)	WLL (lbs.)	Half Drum		Std. Drum	Lge. Drum	Feet Per Container			
		Product Code	UPC	Product Code	Product Code	Half Drum	Std. Drum	Lge. Drum	
1/4	3,500	678531	32636	678541	678541	400	800	1,400	74
5/16	4,500	678532	32798	678542	678542	275	550	900	100
3/8	7,100	678533	32834	678543	678543	200	400	650	156
7/16	6,900	678534	32905	678544	678544	150	300	450	204
1/2	12,000	678535	33029	678545	678545	100	200	350	259

Grade 70 Clevis Grab Hook



Grade 70 Clevis Grab Hook									Weight (lbs.) per 100
Chain size (ins.)	WLL (lbs.)	Product Code	W	D	H	L	P	R	
5/16	4,700	M805T	.38	2.31	.44	4.0	.39	2.34	.75
3/8	6,600	M806T	.45	2.63	.50	4.5	.49	2.66	1.10

Grade 80 Alloy Clevis Grab Hook



Grade 80 Alloy Clevis Grab Hook										
Chain size	WLL (lbs.)	Product Code	W	D	H	L	P	R	Weight (lbs.)	Std. Ind. Pack
1/4	3,500	M804A	5/16	1-15/16	3/8	3-1/4	21/64	1-7/8	.38	30
5/16	4,500	M805A	3/8	2-9/32	7/16	3-31/32	25/64	2-3/8	.62	30
3/8	7,100	M806A	29/64	2-5/8	1/2	4-1/2	1/2	2-5/8	.96	30
7/16	6,900	M807A**	1/2	3	9/16	5-1/32	1/2	3	1.46	20
1/2	12,000	M808A	19/32	3-7/16	21/32	5-23/32	19/32	3-5/16	2.02	10
5/8	18,100	M810A	3/4	4-5/16	25/32	6-7/8	3/4	3-15/16	3.75	10
** Grade 63										

⚠WARNING

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

Load Binder Safe Operating Procedures

WARNING!!!

Death / injury can occur from improper use or maintenance of tie-down equipment.

To avoid injury:

- Inspect before use - remove from service if cracked, work, or deformed.
- Do not overload - load binders develop approximate working load with hand effort.
- Do not use handle extender on load binder(s).
- Do not use binder components for overhead lifting.
- Load binding systems store energy which can release suddenly.
- Operate only by hand from a firm standing position.
- Operate handle cautiously.
- Stay clear of handle path; handle may release suddenly.
- Follow Operating Instructions.

Operating Instructions:

- Follow DOT Federal Motor Carrier Safety regulations 392.9, 393.100, and 393.102.
- Inspect before use. Replace worn and deformed binders. Lubricate pivot and swivel points for optimum performance.
- Do not operate with anyone on load.
- Always apply binder in a straight line hook to hook manner without bending and such that handle goes down when securing load.
- Tighten binders before moving and recheck frequently.
- Do not exceed Working Load Limit shown on binder.
- Do not use cheater bar or handle extension as such use can overload binder system and result in injury.
- Secure handle down with a positive retaining method.
- Release handle / load with extreme care. Make sure all personnel are clear. Lever binder handles can snap back over center. Use open palm under handle and push up.

SCC Load Binders

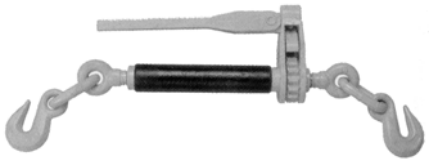
SCC loadbinders meet all DOT/CVSA/CHP requirements. Special hook construction supports the load of the chain and will not bind. Loadbinders are heat treated and proof tested with forged heat treated hooks. The Working Load Limit is permanently marked on handle. Ratchet binders feature special links with controlled flash weld. All SCC ratchet load binders are painted with yellow enamel. **Not approved for overhead lifting.**

The SCC QuikBinder™ is easier to install than standard ratchet load binders. The 3-position pawl offers the user a choice of ratchet extension, ratchet take-up or a “free spin” setting for fast adjustment in either direction. A load can be secured in half the time. It is available in two popular sizes and features a vinyl coated barrel for a strong, comfortable grip.

The folding handle make SCC’s QuikBinder™ safer (no handle sticking out) and more convenient to use. Simply fold the handle down after the load is secure or when storing the QuikBinder™ on your cab rack. Just as strong but faster, safer and more functional than standard ratchet binders.

The QuikBinder™ can be locked to the chain with a long shank padlock, making it tough to tamper with the binder, assembly or the load. Padlocks with programmable combinations are available.

SCC QUICKBINDER™ of SCC Chain						
Product Code	For Chain Size		Working Load Limit (lbs.)	Take Up (ins.)	Handle Length (ins.)	Weight (lbs).
	S7	S4				
H5125-4158	5/16	3/8	5,400	8.0	9.5	11.40
H5125-4258	3/8	1/2	9,200	8.0	9.5	13.90



CM Forged Load Binders

- Dixie Industries lever load binders are made to the highest manufacturing standards. All binders meet or exceed CVSA Cargo Securement Guidelines and FMSCA.
- Hooks are forged from micro-alloy steel and are designed to yield before catastrophic failure.
- Each forged part is permanently marked with a date code providing traceability to heat of steel.
- Dixie / CM name forged on all parts. Tells you where and whom you can ask for help or information. Dixie Industries keeps all files and test information supporting the products they manufacture for ten years. Load binders without the name of the manufacture are not traceable!
- All hooks swivel. Fully articulated movement allow straight line pull, both hooks - a Dixie Innovation.
- Short reach hooks allow you to grab 1 more chain link for tighter take-up - another Dixie Innovation!
- Under heavy loads, traditionally designed lever binders have a tendency to spread at the ears, jamming the clevis mechanism. Dixie Industries' unique tongue design operates 180 degrees from traditional binders avoiding any possibility of spreading or jamming the mechanism.
- Forged "ball" on the end of the handle for a more sure hand gripping surface. A hole is provided at the end of the handle for securement as per new DOT requirements. The handle angle is designed to allow room for a gloved hand grip.
- All components are made in the USA - American workers forging American steel, assembling American products in their American plant in Chattanooga, TN.

Product Code	For Chain Size			Working Load Limit (lbs.)	Take Up (ins.)	Handle Length (ins.)	Weight (lbs).
	G30	G43	G70				
48304	1/4	1/4	-	2,600	3.75	11.25	3.0
48305	3/8	3/8	5/16	5,400	4.50	16.12	8.1
48306	1/2	1/2	3/8	9,200	4.75	16.62	10.6
48769	3/8	3/8	3/8	7,100	4.50	16.62	8.1


48304


48305


48306


48769

CM Forged Ratchet Binders

- Dixie ratchet binders are built to exceed the highest military and professional specifications, including CVSA Cargo Securement Guidelines, Federal Highway, and DOT requirements.
- Dixie forges each ratchet component from pure alloy steel bar.
- Ratchet binders provide superior ergonomics to the traditional lever binder by requiring less physical strength to attach and remove.
- The handle is purposely designed loose using self-locking one-way bolts. This loose design allows mud, snow, ice or any other clogging substance to be easily removed from the ratchet mechanism by striking with a hammer or other tool.
- To insure quality, each individual ratchet binder, as part of the manufacturing process, is proof tested to 50% of the Minimum Breaking Strength (MBS) according to NACM criteria.
- All 1 inch ratchet binders feature oversized eyebolts and barrels providing additional support material for wear and tear.
- Dixie ratchet gears are permanently welded to the barrel while many others are simply roll pinned. With our ratchet, there is no pin to fall out.
- Dixie upset forged all our barrels, providing deeper and more consistent threads for longer life.
- Acme threads provide fasted take up, stay put, and won't back off.
- Hooks forged from micro-alloy steel, designed to yield before catastrophic failure.
- MADE IN USA - All our products are forged with USA, our name, product tract codes on each forged parts, and Working Load Limit (WLL) as required by many laws and manufacturing best practices.
- Dixie proudly stands beside you for the working life of our product.

Forged Ratchet Binders					
Product Code	End Fittings	For Chain Size			Working Load Limit (lbs.)
		G30	G43	G70	
48364	Hook/Hook	1/4	1/4	-	2,600
48811	Eye/Eye (no hooks)	-	-	-	5,400
48363	Eye/Eye (no hooks)	-	-	-	13,000
48810	Hook/Hook	3/8	3/8	5/16	5,400
48360	Hook/Hook	3/8	3/8	3/8	7,100
48365	Hook/Hook	3/8	3/8	5/16	5,400
48366	Hook/Hook	1/2	1/2	3/8	9,200
48367	Hook/Hook	5/8	5/8	1/2	13,000

CM Ratchet Binders

- Single handle fits both size ratchets, reduces cost
- Loss Prevention, difficult to remove from load
- Reduce overall weight, no need for additional handles

Body and Handle Ordered Separately. Additional End Fittings Available. Load Security: properly tensioned ratchet barrel, with the handle removed, provides greater load security, making it less likely for your load to be stolen. Reduce your overall weight - no need for additional handles.

Removable Handle Ratchet Binder					
Product Code	End Fittings	Chain Grade & Sizes (in.)			WLL (lbs.)
		G30	G43	G70	
46565	Body only	3/8	3/8	5/16	5,400
46566	Body only	1/2	1/2	3/8	9,200
46565H	Handle only	N/A	N/A	N/A	N/A

Removable Handle Ratchet Binder					
Product Code	Handle Length (in.)	Barrel OD (in) (Dia. x Length)	Screw Dia. (in.)	Take Up (in.)	WLL (lbs.)
		G30	G43	G70	
46565	N/A	3/8	3/8	5/16	5,400
46566	N/A	1/2	1/2	3/8	9,200
46565H	14	N/A	N/A	N/A	N/A