

CHAIN

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Chain Repair and Testing

In our Hamilton location we operate modern welding and bending/blacksmith equipment, fabricate and repair chain slings, special lifting and hoisting assemblies, and do custom forgings. We are ready to serve industries needs across North America. Contact the office in your area for further information.

OUR CHAIN DIVISION FACILITIES INCLUDE –

GAS ANNEALING FURNACE

TIG WELDING

EQUIPMENT FOR CHAIN, BARS,
SHAFTS AND ACCESSORIES.

CAPACITY OF TESTING EQUIPMENT
up to 200,000 LBS.

SMALL AND LARGE CAPACITY BENDERS
END WELDERS

DEFINITIONS, INSTRUCTIONS AND CAUTIONS TO AID IN THE PURCHASE OF CHAIN

In this section we present information regarding our stock of chain and chain attachments and accessories. Our facilities include chain assembly and forge plant, heat treating furnaces, Tig welding equipment and testing equipment.

We specialize in the production of chain slings and hoisting equipment.

WORKING LOAD LIMIT OR SAFE WORKING LOAD

The maximum load which may be applied in pounds when chain is new.

MEASUREMENTS

Pitch is the inside length of chain link.

Unless otherwise specified length of a chain is the distance from inside to inside of end links or attachments.

TOLERANCE

Welded coil chain is subject to dimension and weight tolerance of plus or minus 4%.

ATTACHMENTS

Hooks, Rings, Shackles, etc., desired for use with chain should be selected of a grade and size corresponding to chain being used. Tables on following pages will be helpful for specification.

If special attachments are required, drawings should be supplied.

ANNEALING, REPAIRING AND RETESTING WROUGHT IRON AND LOW CARBON MILD STEEL CHAIN

Chains and slings are subjected to work hardening or crystallization through continuous usage. Our repair department is highly skilled in reconditioning and testing your chains for continued safe service.

REPAIRING AND HEAT TREATING ALLOY CHAINS

After long heavy service alloy chain slings sometimes require repair. We have the necessary argon Tig welding and heat treatment equipment to carry out this work.

PROOF TESTING

All types of chain and fittings, rods, bars, eye-bolts and many other metal products can be proof tested on our approved 200,000 pound capacity test bed.

ALLOY SLINGS AND CHAIN

The only grade of chain recommended for overhead lifting is chain that has been fabricated from alloy steel. This chain may be purchased in lengths, or as a complete sling assembly to meet your requirements.

We supply chain manufactured from AISI Alloy grade steel. This is the standard of most Canadian manufacturers of alloy chain. The links of alloy chain are easily identified by an embossed symbol (A8, C8, HA8 or T) referring to grade 800 or (T) which is the international symbol for alloy chain. If neither of these symbols appear on your chain it is not recommended for overhead lifting. (Symbols should appear at least once per every foot).

Every length of alloy chain leaving the manufacturers plant is proof-tested to twice its safe working load. Every manufactured sling leaving our warehouse is also tested to double their safe working load and a numbered test certificate corresponding to the sling number is supplied.

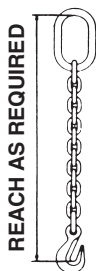
KEEPING SLING RECORDS

*ASK OUR REPRESENTATIVE TO EXPLAIN OUR SLING AND
INSPECTION PROGRAM DESIGNED TO IMPROVE YOUR
SAFETY STANDARDS AND LOWER YOUR
CHAIN REPLACEMENT COSTS*

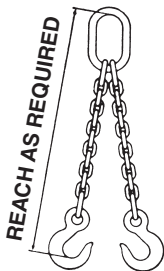
'SAFETY IS EVERYONE'S BUSINESS'

ALLOY SLING CHAINS

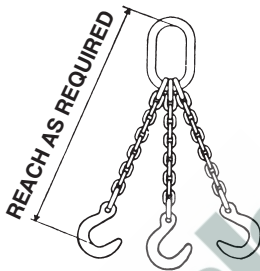
SINGLE
OBLONG LINK
GRAB HOOK
TYPE SOG



DOUBLE
OBLONG LINK
SLING HOOKS
TYPE DOS



TRIPLE
OBLONG LINK
FOUNDRY HOOKS
TYPE TOF



TYPE DEFINITION

FIRST SYMBOL

S – Single Leg
D – Double Leg
T – Triple Leg
Q – Four Leg

SECOND SYMBOL

O – Oblong Master Link
P – Pear Shaped Master Link
R – Master Round Ring

THIRD SYMBOL

S – Sling Hook
G – Grab Hook
F – Foundry Hook

REACH:

Denotes length of sling from upper bearing point of oblong to lower bearing surface of hook.

SPECIAL ATTACHMENTS:

Such as hooks, or clamps can be furnished to your design. Our forging shop is equipped to produce from your drawings to meet your special requirements.

NON STANDARD SLINGS:

Endless, stone handling, magnet lifting, assemblies and many others are available upon request.

GENERAL LIFTING EQUIPMENT



STEEL SHEET LIFTING SLINGS



STEEL PLATE LIFTING SLINGS

TESTING & INSPECTION

Our chain tester has a capacity of 100 tons. The pumping system has three pressure ranges between 100 pounds and 140,000 pounds. This provides the muscle to test or break the largest chains or slings, as well as, load tests on the lightest slings and chains used in industry.

Test results are read digitally in either metric or imperial values, with a peak hold feature, which can be connected to a print out unit.

Our chain tester has a 32 foot bed and is equipped with a hydraulically operated cover for protection during test operation.

TENSION
•
HARDNESS
•
ULTRASONIC
•
MAGNAFLUX

Temp. of Chain	While Heated Apply Following Reductions to Working Load Limit	After Cooling Permanent Reduction to Working Load Limit
500°F 600°F 700°F	None 10% 20%	None None None
800°F 900°F 1000°F	30% 40% 50%	None 10% 15%

SIZE		SINGLE	DOUBLE BRANCH				TRIPLE QUAD		
in.	mm		90°	60°	45°	30°	60°	45°	30°
7/32"	5.5	2100	3600	3000	2100	5450	4450	3150	
9/32"	7.0	3500	6100	4900	3500	9100	7400	5200	
3/8"	10.0	7100	12300	10000	7100	18400	15100	10600	
1/2"	13.0	12000	20800	17000	12000	31200	25500	18000	
5/8"	16.0	18100	31300	25600	18100	47000	38400	27100	
3/4"	20.0	28300	49000	40000	28300	73500	60000	42400	
7/8"	22.0	34200	59200	48400	34200	88900	72500	51300	
1"	26.0	47700	82600	67400	47700	123900	101200	71500	
1 1/4"	32.0	72300	125200	102200	72300	187800	153400	108400	

C H A I N E V E N T S

GRADE 30 REGULAR LINK CHAIN

A durable, economical utility chain. Also known as proof coil, Grade 30 chain is manufactured from carbon steel.

USES

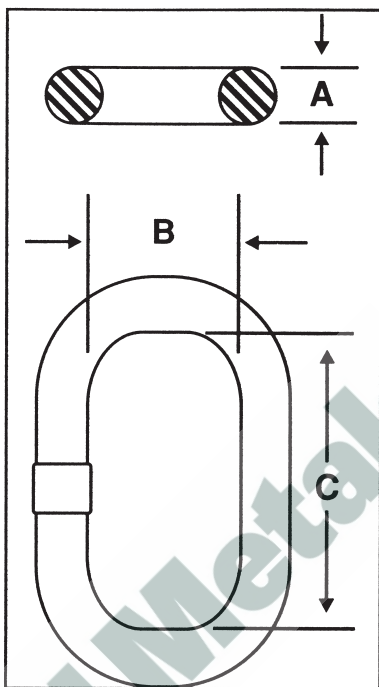
Guard rail chains, towing and logging chains and various other industrial and agricultural applications.

FINISHES

Self-coloured, hot galvanized or bright zinc plated.

PACKAGING

Available in drum, half drum, pailpak, mini-pailpak and reels.



SPECIFICATIONS

NOMINAL SIZE STOCK DIA. (A)			LINK INSIDE DIMENSIONS		WEIGHT	WORKING LOAD LIMIT	
MM	INCH	DEC.	(B) WIDTH	(C) LENGTH	LBS/FT	KG.	LBS.
4.0	1/8	.157	.285	.825	.197	180	400
5.0	3/16E	.197	.455	1.065	.317	280	620
5.6	3/16T	.220	.375	1.040	.397	365	800
6.3	1/4E	.248	.400	1.015	.520	500	1100
7.1	1/4T	.280	.435	1.140	.667	580	1300
8.0	5/16E	.315	.490	1.025	.899	860	1900
8.5	5/16T	.335	.505	1.140	1.120	900	2000
9.5	3/8E	.375	.630	1.451	1.210	1090	2400
10.0	3/8T	.394	.680	1.570	1.310	1200	2650
12.0	7/16	.472	.715	1.460	2.033	1590	3500
12.5	1/2E	.492	.875	2.050	2.224	1890	4150
13.5	1/2T	.531	.830	1.700	2.565	2090	4600
16.0	5/8	.625	.890	2.600	3.303	3130	6900
20.0	3/4	.781	1.100	2.625	5.472	4800	10600
26.2	1	1.031	1.510	2.770	10.690	6340	13950

Dimensions and weights are approximate and subject to variation.

WARNING: Working load limit is not to be exceeded. This chain is not to be used for overhead lifting.

GRADE 40 CHAIN

A selected analysis carbon steel chain with higher tensile strength and better resistance to wear and abrasion than Grade 30 chain. Also known as "High Test". Embossed 'G40' and alternately with date code.

USES

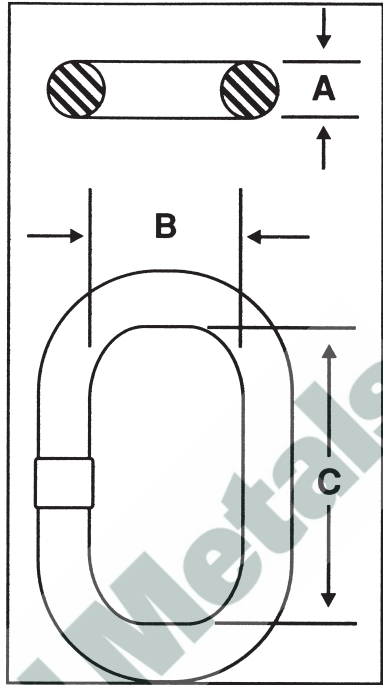
Logging chains, towing chains, binding chains and various other applications.

FINISHES

Self-coloured, hot galvanized or bright zinc plated.

PACKAGING

Available in drum, half drum, pailpak, mini-pailpak and reels.



SPECIFICATIONS

NOMINAL SIZE STOCK DIA. (A)			LINK INSIDE DIMENSIONS		WEIGHT	WORKING LOAD LIMIT	
MM	INCH	DEC.	(B) WIDTH	(C) LENGTH	LBS/FT	KG.	LBS.
7.1	$\frac{1}{4}$	.280	.465	.915	.722	1179	2600
8.5	$\frac{5}{16}$	.335	.525	1.140	1.021	1769	3900
10.0	$\frac{3}{8}$	.394	.550	1.200	1.461	2449	5400
12.0	$\frac{7}{16}$	.472	.700	1.460	2.083	3260	7200
13.5	$\frac{1}{2}$	.531	.800	1.700	2.561	4170	9200

Dimensions and weights are approximate and subject to variation.

WARNING: Working load limit is not to be exceeded. This chain is not to be used for overhead lifting.

GRADE 70 CHAIN

A high strength, hardened and tempered chain made from special analysis steel. Developed to meet transport load binding regulations where applicable. Also known as "Transport Chain". Embossed 'G70', and alternately with date code.

USES

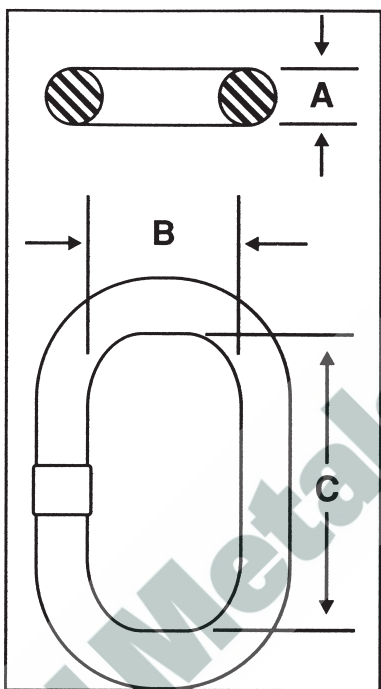
Loadbinding chains, towing chains, logging chains and various other applications.

FINISHES

Satin or Yellow Dichromate (gold) plated.

PACKAGING

Available in drum, half drum and pailpaks.



SPECIFICATIONS

NOMINAL SIZE STOCK DIA. (A)			LINK INSIDE DIMENSIONS		WEIGHT	WORKING LOAD LIMIT	
MM	INCH	DEC.	(B) WIDTH	(C) LENGTH	LBS/FT	KG.	LBS.
7.1	1/4	.280	.475	.900	.742	1430	3150
8.5	5/16	.335	.515	1.125	1.028	2130	4700
10.0	3/8	.394	.575	1.200	1.463	2990	6600
12.0	7/16	.472	.700	1.440	2.135	3970	8750
13.5	1/2	.531	.850	1.700	2.640	5130	11300
16.0	5/8	.625	.945	1.960	3.822	7760	17100
* 20.0	3/4	.750	1.100	2.230	5.753	11200	24700

* Satin finish only.

Dimensions and weights are approximate and subject to variation.

WARNING: Working load limit is not to be exceeded. This chain is not to be used for overhead lifting.

HERC-ALLOY 800 GRADE 80 CHAIN

Herc-Alloy 800 chain is manufactured from special analysis, hardened and tempered alloy steel; specifically engineered to combine strength and durability. Grade 80 is the only chain grade recommended for overhead lifting. Embossed 'HA800' and alternately with date code for traceability purposes.

USES

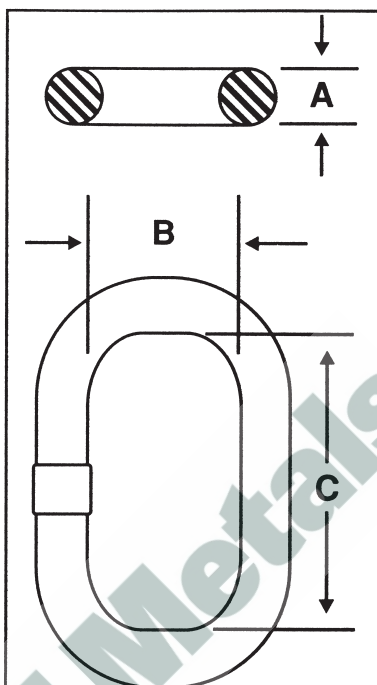
Overhead lifting slings. See handbook CML800 for chain slings and attachments.

FINISH

Satin (Other finishes upon request).

PACKAGING

Available in drums, half drums and running lengths.



SPECIFICATIONS

NOMINAL SIZE STOCK DIA. (A)			LINK INSIDE DIMENSIONS		WEIGHT	WORKING LOAD LIMIT	
MM	INCH	DEC.	(B) WIDTH	(C) LENGTH	LBS/FT	KG.	LBS.
5.6	$\frac{7}{32}$	.218	.296	.671	.447	970	2100
7.1	$\frac{9}{32}$	.281	.395	.868	.718	1570	3500
8.0	$\frac{5}{16}$	.315	.454	1.006	.906	2050	4500
10.0	$\frac{3}{8}$	.394	.572	1.222	1.440	3200	7100
12.5	$\frac{1}{2}$	.512	.786	1.404	2.577	5400	12000
16.0	$\frac{5}{8}$	.630	.854	1.734	3.873	8200	18100
20.0	$\frac{3}{4}$	.787	1.052	2.000	6.315	12800	28300
22.4	$\frac{7}{8}$	.875	1.136	2.250	7.764	15500	34200
26.0	1	1.024	1.349	2.663	9.954	21600	47700
32.0	1 $\frac{1}{4}$	1.260	1.656	3.250	15.709	32800	72300

Dimensions and weights are approximate and subject to variation.

WARNING: Working load limit is not to be exceeded.

CHAIN IS OUR BUSINESS

Kiln Chain: Available in various grades including stainless steel for high temperature service.

Incalloy or Monel: For use where high temperature or corrosion resistance is a requirement.

Stainless Chain: Available in both 304, 316 and 347 grades in both welded and unwelded conditions for use in the pulp and paper and food processing industries.

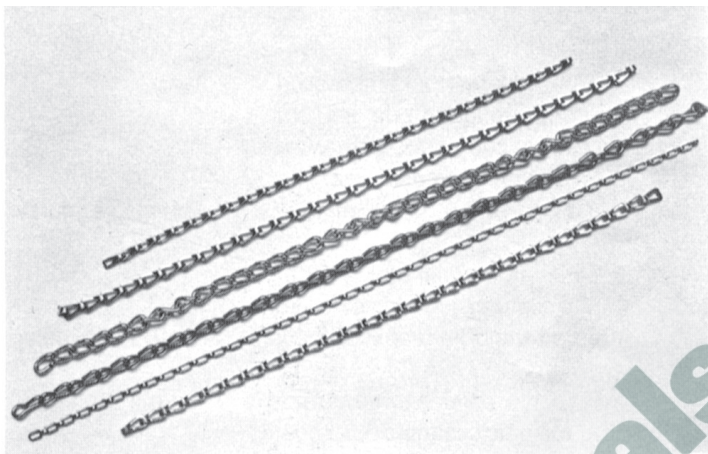
Aluminum Chain: Has many applications in the oil and petroleum industries and is available in various grades in the welded or unwelded condition.

Brass or Bronze Chain: For decorative applications.

Trailer Safety Chain; Machine and Twist Link Chain; Chandelier Chain; Jack Chain; Lock Link Chain; Tenso Chain; Sash Chain; Plumber's Chain; Conveyer Chain; Drilling Chain; as well as many others designed for specific applications.

Let us know your requirements.

TYPES OF CHAIN(S) STOCKED



1. Sash
2. Sash
3. Twist Link Machine

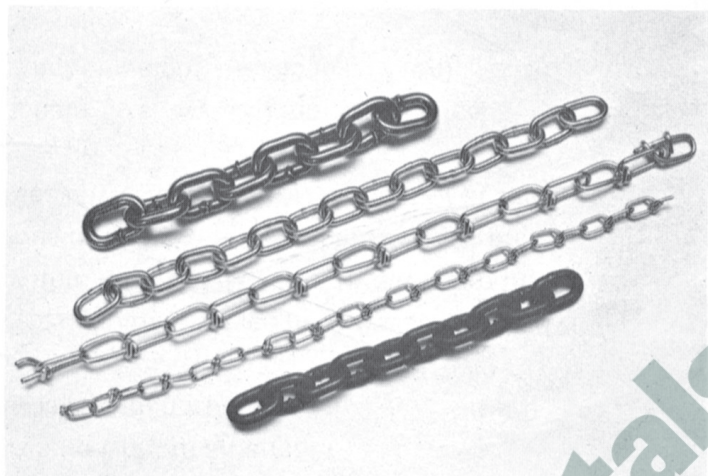
4. Jack
5. Safe or Register
6. Sash



1. Coil
2. Sash
3. Twist Link Machine

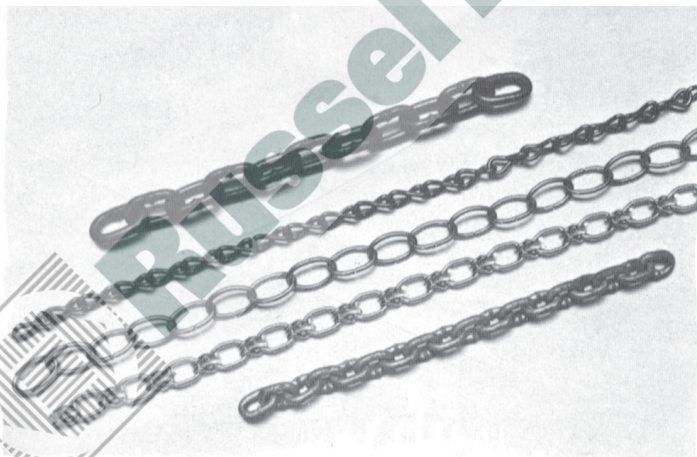
4. Coil
5. Twist Link
Tire Cross

TYPES OF CHAIN(S) STOCKED



1. Coil
2. Passing Link
3. Lock Link

4. Lock Link
5. Coil



1. Coil
2. Jack
3. Chandelier

4. Lock Link
5. Coil

MARINÉ APPLICATIONS

A ship without an anchor is a ship in trouble.

Chain Size: 2 $\frac{3}{4}$ " (70 mm) 56,000 lbs.

Anchor weight: 14,286 lbs. (7 ton)

Call our Chain Division for service at 1-888-624-2467.

STUD LINK ANCHOR CHAIN:

Can be supplied in various grades and sizes with Lloyds or ABS certificates. Used stud link anchor chain available upon request for use in crushing chutes and mining operations.

MARINE CHAIN:

Mooring chain available from $\frac{1}{2}$ in. up to 2 in.

MIDLINK CHAIN:

Specially designed for the fishing industry.

We invite your inquiries for the above chains as well as for fittings and anchors.

We are also equipped to proof test your chains or fittings on our approved testing equipment.

GENERAL LIFTING EQUIPMENT

Plate or Beam
Clamps:

½ ton through 20 ton.
May be incorporated with
chain slings upon request.



AUTOMOBILE, TRUCK & TRACTOR CHAINS

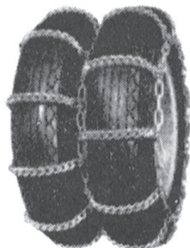


SINGLE WHEEL



DUAL WHEEL

Available
in
complete
sets &
components



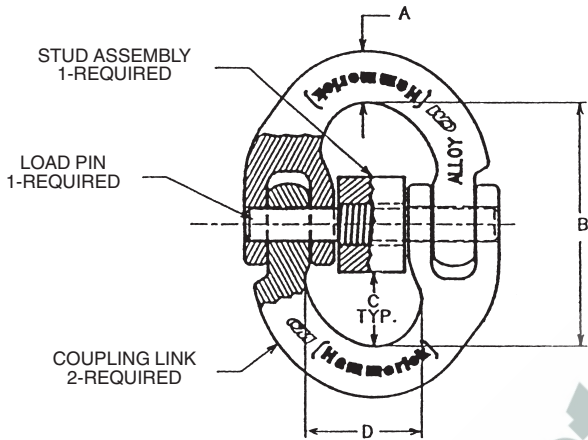
DUAL WHEEL – TRIPLE RIM

**TYPICAL HOOKS,
SOME OF WHICH CAN BE FITTED
WITH SAFETY LATCHES**



ALLOY HAMMERLOK COUPLING LINK

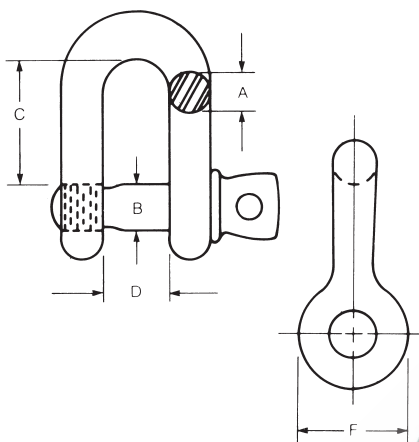
Dependable and easy to use for fast, on-the-job assembly; for attaching chain to master links and eye-type hooks, and installing new body chain in old slings.



CHAIN SIZE (INCHES)	7/32	9/32	3/8	1/2	5/8	3/4	7/8	1	1 1/4
Working load limit (lbs.)*	2,100	3,500	7,100	12,000	18,100	28,300	34,200	47,700	72,300
Code no.	664220	664228	664241	664250	664262	664275	664287	664300	664325
Dimensions									
A	1/4	5/16	1/2	1 1/16	1 3/16	1 5/16	1 3/4	1 1/4	1 17/32
B	1 13/32	1 13/16	2 13/32	3 3/8	4 1/8	4 25/32	5 5/8	5 3/4	6 13/16
C	31/64	5/8	53/64	1 17/32	1 1/2	1 51/64	1 29/32	2 3/16	2 5/8
E**	13/32	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4
Max. width	1 5/16	1 11/16	2 7/32	3 3/8	3 11/16	4 1/8	5 5/16	6 5/16	7 3/4
Weight each (lbs.)	.12	.23	.65	1.50	2.60	3.80	6.30	9.30	17.30

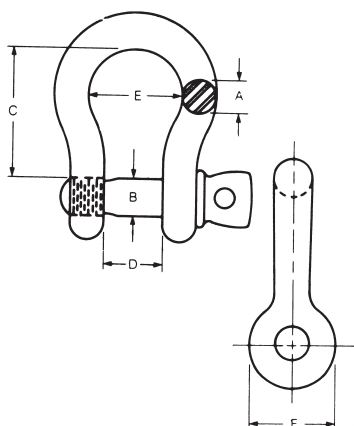
* Caution: this working load limit should not be exceeded.
 ** Diameter of stock of largest link intended to be used with Hammerlok.

SCREW PIN CHAIN SHACKLES



Size "A" in Inches	Working Load Limit*		Pounds Per 100 Pieces	Dimensions in inches			
	Tons	Kgs.		Pin Dia. B	C	D	F
1/4	1/2	454	11	5/16	7/8	15/32	11/16
5/16	3/4	680	17	3/8	1	17/32	13/16
3/8	1	907	30	7/16	1 1/4	21/32	31/16
7/16	1 1/2	1,360	46	1/2	1 1/2	23/32	1 1/8
1/2	2	1,810	75	5/8	1 11/16	13/16	1 5/16
5/8	3 1/4	2,950	130	3/4	2	1 1/16	1 9/16
3/4	4 3/4	4,310	220	7/8	2 5/16	1 1/4	1 7/8
7/8	6 1/2	5,900	360	1	2 13/16	1 7/16	2 1/8
1	8 1/2	7,710	450	1 1/8	3 1/4	1 11/16	2 3/8
1 1/8	9 1/2	8,620	650	1 1/4	3 1/2	1 13/16	2 3/4
1 1/4	12	10,890	930	1 3/8	3 11/16	2	3
1 1/2	13 1/2	12,250	1,100	1 1/2	4 1/2	2 1/4	3 1/4
1 3/4	17	15,420	1,500	1 5/8	5	2 3/8	3 1/2
2	25	22,700	2,700	2	5 7/8	2 7/8	4 1/4
2 1/4	35	31,750	3,800	2 1/4	6 3/4	3 3/4	4 7/8
2 1/2	40	36,290	4,700	2 1/2	7	3 3/4	5
2 3/4	55	49,900	7,100	2 3/4	8 1/16	4 1/8	5 1/2

SCREW PIN ANCHOR SHACKLES

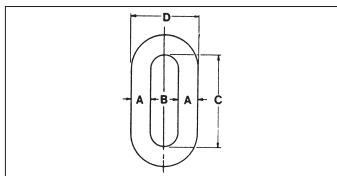
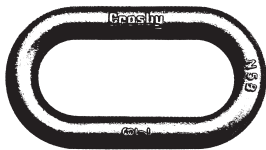


Size "A" in Inches	Working Load Limit*		Pounds Per 100 Pieces	Dimensions in inches				
	Tons	Kgs.		Pin Dia. B	C	D	E	F
$\frac{3}{16}$	$\frac{1}{3}$	302	5	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{19}{32}$	$\frac{9}{16}$
$\frac{1}{4}$	$\frac{1}{2}$	454	10	$\frac{5}{16}$	$1\frac{1}{8}$	$\frac{15}{32}$	$\frac{25}{32}$	$1\frac{1}{16}$
$\frac{5}{16}$	$\frac{3}{4}$	680	20	$\frac{3}{8}$	$1\frac{1}{4}$	$\frac{17}{32}$	$\frac{27}{32}$	$1\frac{3}{16}$
$\frac{3}{8}$	1	907	36	$\frac{7}{16}$	$1\frac{1}{2}$	$\frac{21}{32}$	$1\frac{1}{32}$	$1\frac{31}{32}$
$\frac{7}{16}$	$1\frac{1}{2}$	1,360	52	$\frac{1}{2}$	$1\frac{3}{4}$	$\frac{23}{32}$	$1\frac{5}{32}$	$1\frac{1}{8}$
$\frac{1}{2}$	2	1,810	80	$\frac{5}{8}$	2	$\frac{13}{16}$	$1\frac{5}{16}$	$1\frac{5}{16}$
$\frac{5}{8}$	$3\frac{1}{4}$	2,950	150	$\frac{3}{4}$	$2\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{11}{16}$	$1\frac{9}{16}$
$\frac{3}{4}$	$4\frac{3}{4}$	4,310	250	$\frac{7}{8}$	3	$1\frac{1}{4}$	2	$1\frac{7}{8}$
$\frac{7}{8}$	$6\frac{1}{2}$	5,900	400	1	$3\frac{1}{4}$	$1\frac{7}{16}$	$2\frac{1}{4}$	$2\frac{1}{8}$
1	$8\frac{1}{2}$	7,710	500	$1\frac{1}{8}$	$3\frac{3}{4}$	$1\frac{11}{16}$	$2\frac{1}{2}$	$2\frac{3}{8}$
$1\frac{1}{8}$	$9\frac{1}{2}$	8,620	700	$1\frac{1}{4}$	$4\frac{1}{4}$	$1\frac{13}{16}$	$2\frac{15}{16}$	$2\frac{5}{8}$
$1\frac{1}{4}$	12	10,890	1,000	$1\frac{3}{8}$	$4\frac{1}{2}$	2	$3\frac{1}{4}$	3
$1\frac{3}{8}$	$13\frac{1}{2}$	12,250	1,300	$1\frac{1}{2}$	$5\frac{1}{4}$	$2\frac{1}{4}$	$3\frac{5}{8}$	$3\frac{1}{4}$
$1\frac{1}{2}$	17	15,420	1,600	$1\frac{5}{8}$	$5\frac{3}{4}$	$2\frac{3}{8}$	$3\frac{3}{8}$	$3\frac{1}{2}$
$1\frac{3}{4}$	20	18,140	2,300	$1\frac{3}{4}$	$6\frac{1}{4}$	$2\frac{5}{8}$	$4\frac{1}{4}$	$3\frac{5}{8}$
2	35	31,750	4,000	$2\frac{1}{4}$	$7\frac{3}{4}$	$3\frac{1}{4}$	$5\frac{3}{4}$	$4\frac{7}{8}$
$2\frac{1}{4}$	40	36,290	5,000	$2\frac{1}{2}$	$9\frac{1}{4}$	$3\frac{3}{4}$	6	5
$2\frac{1}{2}$	55	49,900	9,000	$2\frac{3}{4}$	$10\frac{9}{16}$	$4\frac{1}{8}$	$7\frac{1}{4}$	$5\frac{1}{2}$

LINK AND RINGS

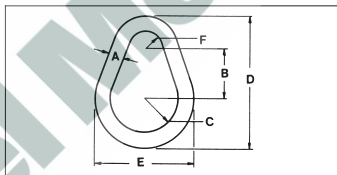
Weldless end links

- Self Colored or Hot Dip galvanized.
- Forged carbon steel – Quenched and Tempered



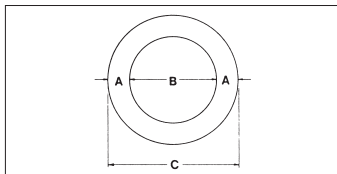
Size (A) (in.)	Stock No.		Working Load Limit (lbs.)	Weight Each (lbs.)	Dimensions (in.)		
	G-340 Galv.	S-340 S.C.			B	C	D
3/16	1014057	1014066	2500	.15	.50	1.75	1.18
3/8	1014075	1014084	3800	.23	.56	1.88	1.38
1/2	1014093	1014100	6500	.45	.75	2.38	1.81
5/8	1014119	1014128	9300	.95	1.00	3.25	2.32
3/4	1014137	1014146	14000	1.51	1.13	3.50	2.68
7/8	1014155	1014164	12000	2.75	2.00	5.13	3.75
1	1014173	1014182	15200	3.95	2.25	5.75	4.25
1 1/4	1014191	1014208	26400	7.30	2.50	7.00	5.00
1 1/2	1014217	1014226	30000	10.38	2.75	7.75	5.50

Weldless sling links



Size (A) (in.)	Stock No.		Working Load Limit Single Pull (lbs.)	Weight Each (lbs.)	Dimensions (in.)				
	G-341 Galv.	S-341 S.C.			B	C	D	E	F
3/8	1013897	1013904	1800	.13	1.13	.75	3.00	2.25	.38
1/2	1013913	1013922	2900	.55	1.50	1.00	4.00	3.00	.50
5/8	1013931	1013940	4200	1.10	1.87	1.25	5.00	3.75	.63
3/4	1013959	1013968	6000	1.95	2.25	1.50	6.00	4.50	.75
7/8	1013977	1013986	8300	2.78	2.63	1.75	7.00	5.25	.88
1	1013995	1014002	10800	4.30	3.00	2.00	8.00	6.00	1.00
1 1/4	1014011	1014020	16750	8.50	4.00	2.50	10.25	7.50	1.25
1 1/2	1014039	1014048	20500	11.50	4.13	2.75	11.00	8.25	1.38

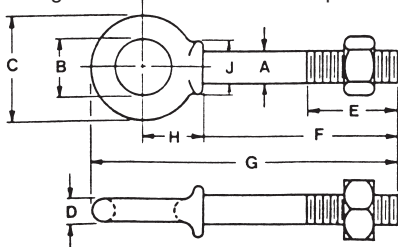
Weldless rings



Size (A) (in.)	S-643 Stock No. S.C.	Working Load Limit Single Pull (lbs.)	Weight Each (lbs.)	Dimensions (in.)	
				B	C
3/4 x 4	1013780	7200	2.70	4.00	5.75
3/4 x 5 1/2	1013806	5600	3.40	5.50	7.25
1 x 4	1013824	10800	3.50	4.00	6.00
1 1/4 x 6	1013842	10400	6.50	6.00	8.25
1 1/4 x 5	1013860	17000	7.00	5.00	7.50
1 1/4 x 6	1013888	19000	10.63	6.00	8.75

SHOULDER NUT EYE BOLT

Forged Steel – Quenched & Tempered



Special Eyebolts with larger eye and longer shanks available.

Also plain, pattern and blank.

Size	A	B	C	D	E	F
¼ x 2	.25	.50	.88	.19	1.50	2.00
¼ x 4	.25	.50	.88	.19	2.50	4.00
⅜ x 2¼	.31	.62	1.12	.25	1.50	2.25
⅜ x 4¼	.31	.62	1.12	.25	2.50	4.25
½ x 2½	.38	.75	1.38	.31	1.50	2.50
½ x 4½	.38	.75	1.38	.31	2.50	4.50
½ x 3¼	.50	1.00	1.75	.38	1.50	3.25
½ x 6	.50	1.00	1.75	.38	3.00	6.00
⅝ x 4	.62	1.25	2.25	.50	2.00	4.00
⅝ x 6	.62	1.25	2.25	.50	3.00	6.00
¾ x 4½	.75	1.50	2.75	.62	2.00	4.50
¾ x 6	.75	1.50	2.75	.62	3.00	6.00
7⁄8 x 5	.88	1.75	3.25	.75	2.50	5.00
7⁄8 x 8	.88	1.75	3.25	.75	4.00	8.00
1 x 6	1.00	2.00	3.75	.88	3.00	6.00
1 x 9	1.00	2.00	3.75	.88	4.00	9.00
1¼ x 8	1.25	2.50	4.50	1.00	4.00	8.00
1¼ x 12	1.25	2.50	4.50	1.00	4.00	12.00
1½ x 15	1.50	3.00	5.50	1.25	6.00	15.00

Size	G	H	J	Working Load Limit-lbs. *	Weight Lbs. per 100
¼ x 2	2.94	.50	.47	500	6.25
¼ x 4	4.94	.50	.47	500	9.88
⅜ x 2¼	3.50	.69	.56	800	12
⅜ x 4¼	5.50	.69	.56	800	17
½ x 2½	3.97	.78	.66	1,200	20.5
½ x 4½	5.97	.78	.66	1,200	27.5
½ x 3¼	5.12	1.00	.91	2,200	42
½ x 6	7.88	1.00	.91	2,200	59
⅝ x 4	6.44	1.31	1.12	3,500	83
⅝ x 6	8.44	1.31	1.12	3,500	99
¾ x 4½	7.44	1.56	1.38	5,200	143
¾ x 6	8.94	1.56	1.38	5,200	177
7⁄8 x 5	8.47	1.84	1.56	7,200	223
7⁄8 x 8	11.47	1.84	1.56	7,200	266
1 x 6	9.97	2.09	1.81	10,000	356
1 x 9	12.97	2.09	1.81	10,000	420
1¼ x 8	12.72	2.47	2.28	15,200	680
1¼ x 12	16.72	2.47	2.28	15,200	700
1½ x 15	20.75	3.00	2.75	21,400	1400

TURNBUCKLES

HOOK and HOOK



EYE and EYE



HOOK and EYE



JAW and EYE



JAW and JAW



STUB END

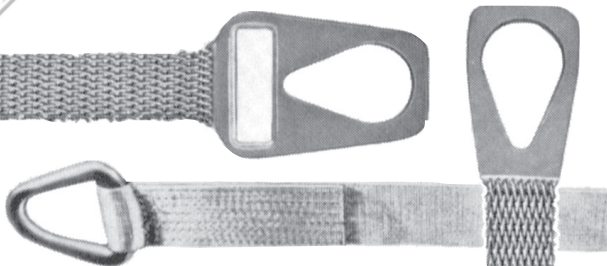
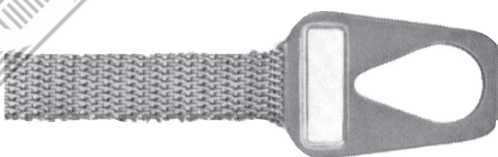


BODY ONLY

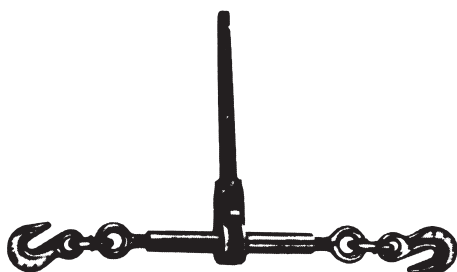
BALL BEARING SWIVELS



NYLON AND WIRE MESH SLINGS



L-140



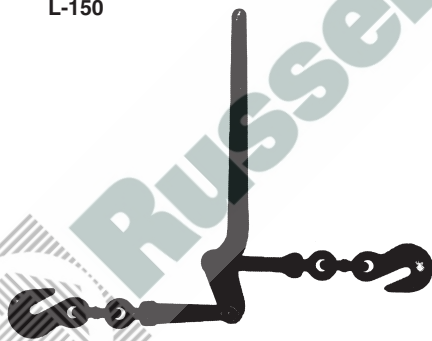
MIN-MAX Chain Size Inches	Weight Pounds Each
$\frac{5}{16}$ - $\frac{3}{8}$	11.00
$\frac{3}{8}$ - $\frac{1}{2}$	13.70
$\frac{1}{2}$ - $\frac{5}{8}$	14.38

L-140 RATCHET TYPE



ANTI-KICK SAFETY LOADBINDER

L-150



MIN-MAX Chain Size Inches	Weight Pounds Each
$\frac{5}{16}$ - $\frac{3}{8}$	6.7
$\frac{3}{8}$ - $\frac{1}{2}$	9.0
$\frac{1}{2}$ - $\frac{5}{8}$	13.5

L-150 WITH STANDARD HOOKS

SAMPLE BLOCKS

SINGLE



DOUBLE



TRIPLE



SINGLE



DOUBLE



TRIPLE

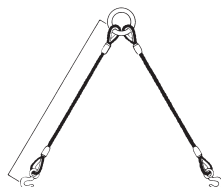


WE INVITE ENQUIRIES FOR A FULL RANGE OF SHEAVES

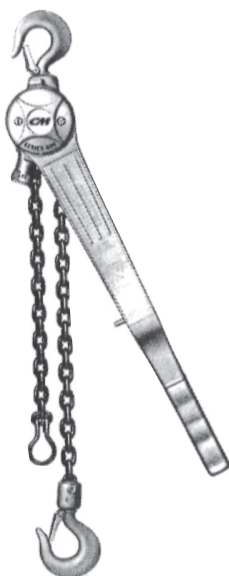


WIRE ROPE AND WIRE ROPE FITTINGS

Available in lengths or as a sling assembly. Available in natural finish, galvanized and stainless steel, along with a complete range of wire rope fittings.



HAND AND ELECTRIC HOISTS



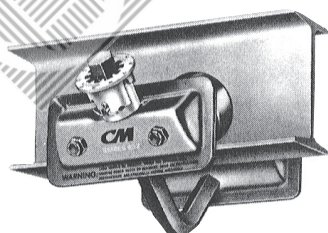
Ratchet Pullers
¼ ton to 6 tons



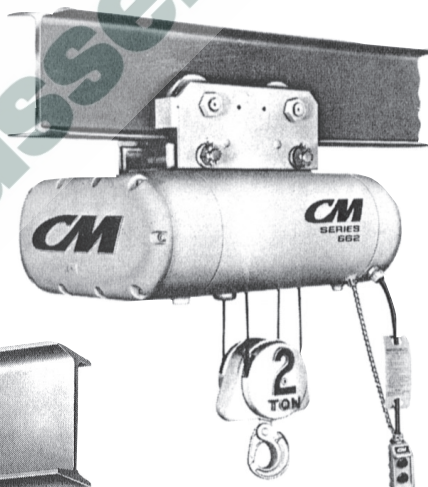
Differential Hoists
¼ ton to 1½ tons



Hand Hoists
½ ton to 10 tons



Trolleys
½ ton to 12 tons



Electric Hoist
⅛ ton to 2 ton-chain
½ ton to 5 ton wire-rope

We can supply Gauged Link Chain to suit most standard types of Chain Hoists and have facilities to inspect, repair, and test complete range of Hand Hoisting equipment.