



CM Big Orange® Shackles MADE IN U.S.A.

All shackles are marked with size and working load limit in tons and are painted for corrosion resistance. The ultimate strength equals six times the working load limit.



ICC Load Rated Shackles

High tensile shackles with bronze colored alloy pins. Safe working load is marked on every shackle. These shackles are ideal for skidder tire chain applications.



ICC Commercial Grade Shackles

These economically priced shackles are primarily used when a quick, inexpensive repair of skidder tire chains is needed. They are made from low carbon steel and working load limits have not been established. For temporary chain repair and coupling of attachments to low carbon chain only. Available in galvanized finish.

SHACKLES

Load Rated - Painted

Part #	Description	WLL (tons)	Wt
M647P	5/16" Load Rated	1.0	0.20
M648P	3/8" Load Rated	1.5	0.30
M649P	7/16" Load Rated	2.0	0.50
M650P	1/2" Load Rated	3.0	0.75
M651P	5/8" Load Rated	4.5	1.30
M652P	3/4" Load Rated	6.5	2.30
M653P	7/8" Load Rated	8.5	3.50
M654P	1" Load Rated	10.0	5.00

Do not exceed Working Load Limit.

Load Rated - Bronze Pin

Part #	Description	WLL (tons)	Wt
646B	1/4" Load Rated	.50	0.12
647B	5/16" Load Rated	.75	0.19
648B	3/8" Load Rated	1.00	0.31
649B	7/16" Load Rated	1.50	0.38
650B	1/2" Load Rated	2.00	0.63
651B	5/8" Load Rated	3.25	1.38
652B	3/4" Load Rated	4.75	2.25
653B	7/8" Load Rated	6.50	3.38
654B	1" Load Rated	8.50	4.90

Do not exceed Working Load Limit.

Commercial - Galvanized

Part #	Description	Wt
646001G	1/4" Commercial	0.12
647001G	5/16" Commercial	0.18
648001G	3/8" Commercial	0.30
649001G	7/16" Commercial	0.49
650001G	1/2" Commercial	0.74
651001G	5/8" Commercial	1.44
652001G	3/4" Commercial	2.32

Do not use for overhead lifting.

INDUSTRIAL CHAIN*Grade 80 Herc-Alloy - Self-Colored*

Part #	Trade Size	WLL (tons)	Ft/Drum	Wt
51512	9/32"	3,500	500	0.65
50504	3/8"	7,100	500	1.50
51516	1/2"	12,000	300	2.64

Authorized for overhead lifting.

Grade 70 Transport - Yellow Dichromate

Part #	ICC Part #	Trade Size	WLL (tons)	Ft/Half Drum	Wt
520110401	14T	1/4"	3,150	400	0.65
520110501	516T	5/16"	4,700	275	1.01
520110601	38T	3/8"	6,600	200	1.48
520110801	12T	1/2"	11,300	100	2.60

Not to be used for overhead lifting or hoisting applications.

Grade 43 High Test - Self-Colored/Zinc Plated

Other finishes available on request.

Part #	ICC Part #	Trade Size	WLL (tons)	Ft/Half Drum	Wt
500110401	14HTBZ	1/4"	2,600	400	0.75
500110501	516HTBZ	5/16"	3,900	275	1.10
500110601	38HTBZ	3/8"	5,400	200	1.54
500110801	12HTBZ	1/2"	9,200	100	2.64

Not to be used for overhead lifting or hoisting applications.

Grade 30 Proof Coil - Hot Dipped Galvanized

Part #	Trade Size	WLL (tons)	Ft/Half Drum	Wt
14PCHD	1/4"	1,250	400	0.29
516PCHD	5/16"	1,900	275	0.81
38PCHD	3/8"	2,650	200	1.42
12PCHD	1/2"	4,500	100	2.78

Not to be used for overhead lifting or hoisting applications.

Warning: Do not exceed Working Load Limits. All weights are per foot.

**CM Grade 80 Herc-Alloy**

Grade 80 chain is specifically recommended for overhead lifting and applications which demand a combination of minimum weights and high working load limits. This chain elongates in excess of 15% minimum requirement.

**CM/ICC Grade 70 Transport**

Load ratings for grade 70 chain average 20% higher than grade 43 chain, so a smaller size chain can be used for many jobs. Primarily for load binding in the transportation industry, it is also used extensively on farms, in lumbering, towing and construction. ICC chain option is manufactured in Asia.

**CM/ICC Grade 43 High Test**

A higher strength carbon steel provides an increased strength to weight ratio plus resistance to wear and abrasion. Industrial applications include lumbering, construction, binding and load securement assemblies. ICC chain option is manufactured in Asia and is Zinc plated.

**ICC Grade 30 Proof Coil**

A general purpose chain for all ordinary applications requiring superior corrosion resistance, second only to stainless steel. This hot dipped galvanized chain is particularly suitable for marine environments.



Clevis chain hooks may be used in a wide variety of applications for towing, pulling, and securing and are frequently used in conjunction with chain. All hooks should have a working limit at least equal to the chain with which they are used. ICC hook options are manufactured in Asia.

Grade 43 High Test Chain Hooks

These hot forged, heat treated and tempered hooks attach directly to welded chain with no connecting links to buy. They have a clear protective finish to resist rust and for cleaner handling. Made for use on all high test chain (grade 43) and proof coil chain (grade 30).

Grade 80/63 Alloy Chain Hooks

Attach directly to the chain, no connecting links to buy. They feature heat treated pins and an extra deep throat. Painted orange. Grab hooks are compatible with grade 80 alloy chain. Slip hooks are compatible with grade 63 alloy chain.



Grab Hook

Slip Hook

ICC Grade 70 Transport Chain Hooks

Designed specifically for Grade 70 Transport chain with matching Working Load Limits. Higher strength-to-weight ratios due to a more massive design.



5/16" Grab

3/8" Grab

Weld-On Chain Hooks

Grade 30 Self-colored steel grab hooks for use on dump bodies and loader buckets.

CHAIN HOOKS

Grade 43 High Test

Part #	ICC Part #	Hook Size	WLL	Wt
M804L	M804LI	1/4" Grab	2,600	0.38
M904L	M904LI	1/4" Slip	2,600	0.50
M805L	M805LI	5/16" Grab	3,900	0.62
M905L	M905LI	5/16" Slip	3,900	0.75
M806L	M806LI	3/8" Grab	5,400	0.96
M906L	M906LI	3/8" Slip	5,400	1.13
M808L	M808LI	1/2" Grab	9,200	2.02
M908L	M908LI	1/2" Slip	9,200	2.75

Not to be used for overhead lifting or hoisting applications.

Grade 80/63 Alloy

Part #	Hook Size	WLL	Wt
M804A	1/4" Grab	3,500	0.36
M904A	1/4" Slip	2,750	0.50
M805A	5/16" Grab	4,500	0.63
M905A	5/16" Slip	3,600	0.75
M806A	3/8" Grab	7,100	1.00
M906A	3/8" Slip	5,500	1.13
M808A	1/2" Grab	12,000	2.10
M908A	1/2" Slip	9,400	2.75

Not to be used for overhead lifting or hoisting applications.

Grade 70 Transport

ICC Part #	Hook Size	WLL	Wt
M804TI	1/4" Grab	3,150	0.36
M904TI	1/4" Slip	3,150	0.50
M805TI	5/16" Grab	4,700	0.63
M905TI	5/16" Slip	4,700	0.75
M806TI	3/8" Grab	6,600	1.00
M906TI	3/8" Slip	6,600	1.15
M808TI	1/2" Grab	11,300	2.10
M908TI	1/2" Slip	11,300	2.75

Warning: Do not exceed Working Load Limits. Not to be used for overhead lifting or hoisting applications.

Grade 30 Weld-On

Part #	Hook Size	WLL	Wt
90300	5/16" Grab	3,150	0.39
90304	3/8" Grab	3,150	0.39

Not to be used for overhead lifting or hoisting applications.

LOAD BINDERS

Lever Type

Part #	ICC Part #	Description	Wt
WRF225	WRF225I	1/4" Lever Load Binder	3.10
BX320	BX320I	3/8" Lever Load Binder	8.25

- Drop forged clevis & tongue - ball & socket design
- Continuous dual-swivel movement of 360°
- Heat-treated component parts
- Clear viewing of working load limit identified on each binder
- Proof tested/tie down hole in handle

Do not exceed working load limit shown on binder. Do not use cheater bar or handle extension as their use can overload the binder system and result in injury. Please handle with extreme care. Lever binder can snap back over center.

Ratchet Type

Part #	ICC Part #	Description	Wt
BXR310	BXR310I	3/8" Ratchet Binder	9.5
BXR410	BXR410I	1/2" Ratchet Binder	14.0

- Oversized eyebolts and steel barrels provide extra strength to support loads.
- Drop forged high quality steel used for handles, barrels, eyebolts, gears and hooks.
- Individual unit proof testing.

Compression Type

Part #	Description	Wt
SSDD7	3/8" Compression Load Binder	13.0

- Ball & socket joints offer 360° continuous swivel action on both hooks to allow straight line pull.
- Short reach design - increased steel to support critical load requirements.
- Heat treated components.
- Each unit proof tested.
- Tie down hole in handle.

BINDER CHAIN ASSEMBLIES

ICC Part #	Description	Wt
51616TI	5/16" x 16' G70 Binder Chain	16
51620TI	5/16" x 20' G70 Binder Chain	19
3816TI	3/8" x 16' G70 Binder Chain	24
3820TI	3/8" x 20' G70 Binder Chain	29



CM/ICC Lever Type Binder

Factory tested for dependability. Inspired to prevent the clevis from separating from handle of binder. Manufactured for the long-haul, these binders bring additional features to the road.



CM/ICC Ratchet Binder

Turnbuckle style ratchet binders offer all steel construction, drop forged steel components, Acme threaded screws, rust proofed, double-acting spring loaded pawls offering infinite adjustment. Made to bind difficult loads such as industrial machinery, steel erection, etc.



CM Compression Binder

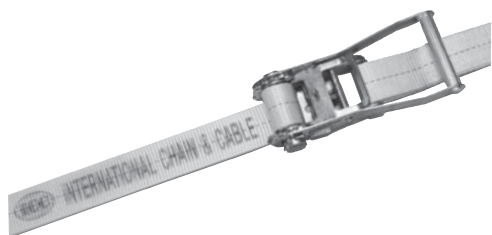
Drop forged load binder offering full features of the lever load binder plus the addition of a compression spring assembly capable of exerting a force of 5,000 lbs.

Designed for the over the road carrier of bars & road steel, lumber, poles, pipes and machinery with rubber tires. Compression spring cushions shock and sway as load is transported.



ICC Binder Chain Assemblies

Used by truckers, contractors, oil field crews and farmers. Clevis grab hook on each end of binder chain. Yellow Dichromate finish. Packaged 25 pcs. per drum.



Ratchet Strap Assembly



Chain & Grab



Flat Hook



Wire Hook

ICC Ratchet Assemblies & Winch Straps

Wallingford's Inc.[®] offers a full line of ICC cargo control assemblies and straps. These products are manufactured from premium quality polyester webbing for maximum strength, durability and wear resistance.



Low Profile Portable Winch



Standard Weld On Winch



Chrome Winch Bar

ICC Winches and Winch Bar

Portable and Weld On winches are available in both low profile and standard sizes. Our standard winch bar is chrome plated for corrosion resistance.

CARGO CONTROL

Ratchet Assemblies

Part #	Description	Capacity	Wt
CG10X27I	2x27' w/Chain & Grab	10,000	9.0
CG10X30I	2x30' w/Chain & Grab	10,000	9.2
SA10X27I	2x27' w/Flat Hook	10,000	6.7
SA10X30I	2x30' w/Flat Hook	10,000	7.0
SA10X27WHI	2x27' w/Wire Hook	10,000	6.0
SA10X30WHI	2x30' w/Wire Hook	10,000	6.2

Winch Straps

Part #	Description	Capacity	Wt
CG2X27I	2x27' w/Chain & Grab	10,000	4.0
CG4X27I	4x27' w/Chain & Grab	15,000	8.0
FH2X27I	2x27' w/Flat Hook	10,000	2.7
FH2X30I	2x30' w/Flat Hook	10,000	3.2
FH3X27I	3x27' w/Flat Hook	15,000	4.7
FH3X30I	3x30' w/Flat Hook	15,000	5.0
SA15X27I	4x27' w/Flat Hook	15,000	5.0
SA15X30I	4x30' w/Flat Hook	15,000	6.0
WH2X27I	2x27' w/Wire Hook	10,000	2.7
WH2X30I	2x30' w/Wire Hook	10,000	3.1

Winches and Winch Bar

Part #	Description	Wt
16PLI	Low Profile Portable Winch	9.7
16SLI	Low Profile Weld On Winch	8.5
16PI	Standard Portable Winch	10.0
16SI	Standard Weld On Winch	9.0
WC21	Chrome Winch Bar	5.0

