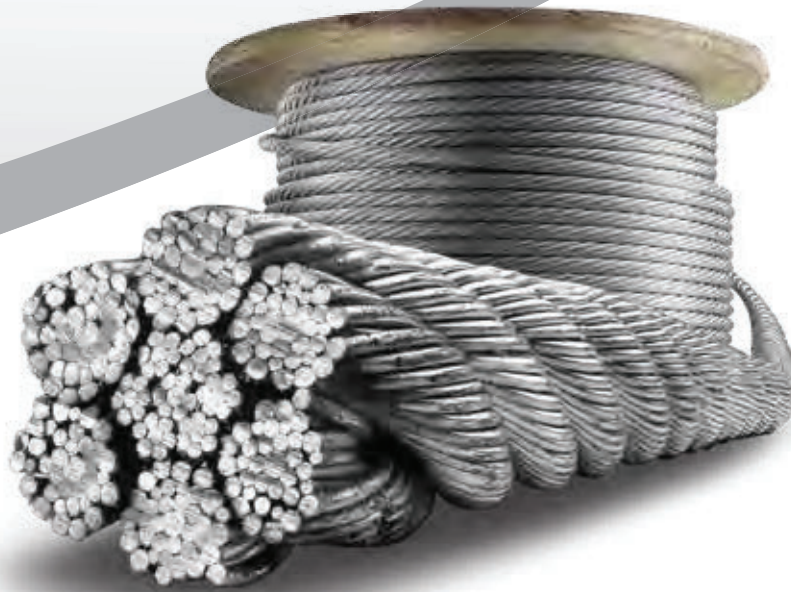


2022/23
CATALOG

NORTHERN  **STRANDS**
Canadian owned and operated since 1970

LOAD SECUREMENT



TRANSPORT CHAIN



- Material: Grade 70, Carbon Steel
- Standard: NACM, ASTM A413
- Finish: Yellow Chromate
- Design Factor: 4:1
- Identification: Traceable

SIZE (in)	WLL (LBS)	WT./ 100 FT (LBS)	QTY. / DRUM (FT)
1/4	3150	62	400
5/16	4700	101	550
3/8	6600	138	400
1/2	11,300	235	100

Compliant with National Safety Code Standard (NSC) 10 Part 1. Division 3, Section 11 (4)

“On and after January 1, 2011 a person shall not use a tie down or a component of a tie down to secure cargo to a vehicle unless it is marked by the manufacturer with respect to its working load limit.”

The Tag is for 3/8” grade 70 chain which is now required for all tie down chains to meet the national safety standard. These chains are made in our shop to your requirements.

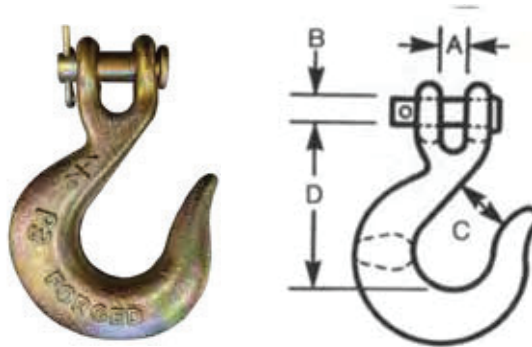


CLEVIS HOOK

CLEVIS SLIP HOOK

Grade 70 Clevis Slip Hooks have a wider throat than a grab hook.

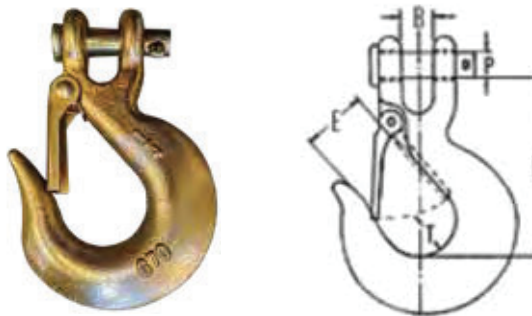
- For use with Grade 70 or lower chains
- Not for use with grade 80 chain and chain slings used in overhead lifting
- Material: Forged Alloy Steel, Quenched & Tempered
- Standard: EN 12195-3
- Finish: Gold Chromated
- Design Factor: 4:1
- Identification: Trademark, Size/WLL, Batch Code, G70



CHAIN SIZE (in)	WLL (LBS)	DIMENSIONS (in.)				WT./EA. (LBS)
		A	B	C	D	
1/4	2750	0.44	0.37	0.91	2.60	0.50
5/16	4300	0.50	0.43	1.10	2.85	0.75
3/8	5250	0.59	0.47	1.30	3.25	1.20
1/2	9000	0.70	0.63	1.47	3.90	2.80
5/8	13 500	0.91	0.75	2.00	4.90	4.75

CLEVIS SLIP HOOK WITH LATCH

- For use with Grade 70 or lower chains
- Not for use with grade 80 chain and chain slings used in overhead lifting
- Material: Forged Alloy Steel, Quenched & Tempered
- Standard: EN 12195-3
- Finish: Gold Chromated
- Design Factor: 4:1
- Identification: Trademark, Size/WLL, Batch Code, G70



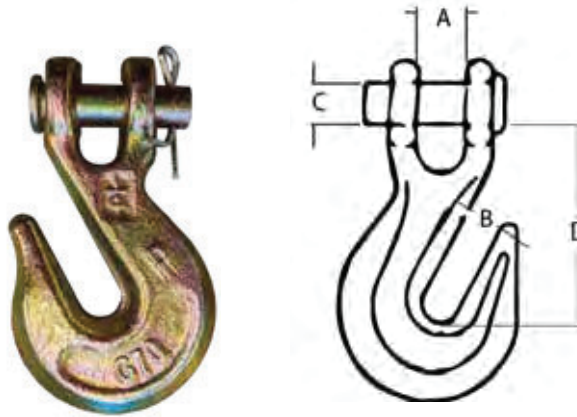
CHAIN SIZE (in)	WLL (LBS)	DIMENSIONS (in.)				WT./EA. (LBS)
		A	B	C	D	
1/4	2750	0.44	0.37	0.91	2.60	0.50
5/16	4300	0.50	0.43	1.10	2.85	0.75
3/8	5250	0.59	0.47	1.30	3.25	1.20
1/2	9000	0.70	0.63	1.47	3.90	2.80
5/8	13 500	0.91	0.75	2.00	4.90	4.75

CLEVIS HOOK

CLEVIS GRAB HOOK

Grade 70 Clevis Grab Hooks are used to connect separate pieces of chain by hooking into a chain link or to shorten the chain length.

- For use with Grade 70 or lower chains
- Not for use with grade 80 chain and chain slings used in overhead lifting
- Material: Forged Alloy Steel, Quenched & Tempered
- Finish: Gold Chromated
- Design Factor: 4:1
- Identification: Trademark, Size/WLL, Batch Code, G70

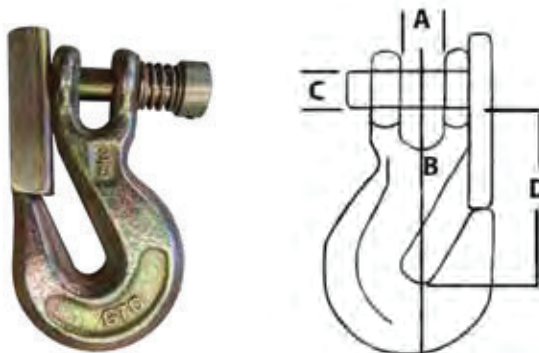


CHAIN SIZE (in)	WLL (lb)	DIMENSIONS (in.)				WT./EA. (LB)
		A	B	C	D	
1/4	3150	0.36	0.40	0.38	1.97	0.40
5/16	4700	0.40	0.44	0.44	2.26	0.79
3/8	6600	0.48	0.50	0.47	2.63	1.00
7/16	8750	0.66	0.56	0.56	2.75	1.31
1/2	11 300	0.75	0.66	0.63	3.19	2.10

CLEVIS GRAB HOOKS WITH LATCH

Grade 70 Clevis Grab Hooks with Latch are used to connect separate pieces of chain by hooking into a chain link or to shorten the chain length.

- For use with Grade 70 or lower chains
- Not for use with grade 80 chain and chain slings used in overhead lifting
- Material: Forged Alloy Steel, Quenched & Tempered
- Finish: Gold Chromated
- Design Factor: 4:1
- Identification: Trademark, Size/WLL, Batch Code, G70



CHAIN SIZE (in)	WLL (lb)	DIMENSIONS (in.)				WT./EA. (LB)
		A	B	C	D	
1/4	3150	0.36	0.40	0.38	1.97	0.40
5/16	4700	0.40	0.44	0.44	2.26	0.79
3/8	6600	0.48	0.50	0.47	2.63	1.00
1/2	11 300	0.75	0.66	0.63	3.19	2.10

TIE DOWN STRAPS



LOGGING TIE DOWNS

CODE	SIZE	LENGTH	W.L.L.
6969-0516X35	5/16"	35 FEET	3,600 LBS
6969-0038X35	3/8"	35 FEET	3,600 LBS
Other sizes available on request.			

TRUCK TIE DOWN STRAPS C/W "J" HKS (3:1)

CODE	SIZE	LENGTH	W.L.L.
6610-2X15	2"	15 FEET	3,300 LBS
6610-2X20	2"	20 FEET	3,300 LBS
6610-2X27	2"	27 FEET	3,300 LBS
Other sizes available on request.			



WINCH LINE TAIL CHAIN



Winch Line Tail Chains are a flexible attachment used at the end of a wire rope. Tail chains are used to reduce wear on wire rope. They are primarily used on truck and tractor winch lines.

- Hooks are Forged – Quenched and Tempered.
- Individually Proof Tested.
- Spectrum 8[®] Alloy Steel from 3/4" through 1-1/4" (20 - 32mm).
- Meets or exceeds requirements of US DOT FMCSA Part 393 Subpart I.

L-180 WINCHLINE TAIL CHAIN

WIRE ROPE DIAMETER (IN)	L-180 STOCK NO.	WORKING LOAD LIMIT (LBS)	LENGTH (IN)	NO. OF LINKS	WEIGHT EACH (LBS)
5/16 - 3/8	1091473	5400	18	11	3.0
1/2 - 5/8	1091482	13000	18	7	6.2
3/4 - 7/8	1091511	34200	24	8	18.2
1 - 1 1/8	1091516	47700	18	5	21.2
1 - 1 1/8	1091525	47700	24	7	23.3
1 - 1 1/4	1091532	72300	24	5	40.0
Other sizes available on request.					

TORQUE DRIVE LOAD BINDERS

DESCRIPTION

Torque Drive binders are designed and meant to be operated differently than any other binder. It is best if your drivers can set aside any preconceived notions and past experience with operating binders. These require a new understanding of how they lock the chain tight. Done properly, drivers will experience less shoulder strain, easier operation, safer load securement, and faster tie down/release times.

Let's start with the handle. Traditional binders use a "paw" that is built into the handle to engage the gear around the barrel that, when rotated, pulls the threaded posts either in or out. This is not the case with our binder. The handle is not to be used in the traditional/rotational sense. The handle on the Torque Drive is actually a reaction bar first and handle for carrying second. Our binder was designed to be operated by a cordless drill. In a pinch, someone can simply use a 14 mm wrench or socket if a drill breaks or batteries go dead.

The locking mechanism for Torque Drive is having the handle against the floor of the trailer or against a part of the equipment you are tying down. With the handle against (reacting) a stationary object we develop superior chain tightness. Because we attain such high chain tightness, we virtually eliminate chains loosening with tire mash (bridge abutments, bumps, railroad tracks, etc.). Done correctly, it should take about five to seven pounds of force to pull the handle off the floor of the trailer.

Place the binder as close to the rub rail as possible so that the handle will be able to hit the floor of the trailer or position so the handle is against a part of the unit being tied down.



Key applications and most important advantages

Industry/application	Most commonly used size	# of binders used per truck	Most important benefits for user
Equipment Rental	TD92RL, 3/8"-1/2" - 9,200 lb WLL	4 - 10	<ul style="list-style-type: none"> • Safer • Ergonomic advantage • Ability to tighten in difficult to access places (in coils, over equipment, flat against deck)
Equipment Manufacturers	TD92RL, 3/8"-1/2" - 9,200 lb WLL	4 - 10	<ul style="list-style-type: none"> • Safer • Ergonomic advantage • Ability to tighten in difficult to access places (in coils, over equipment, flat against deck)
Steel Coil Transportation	TD92RL, 3/8"-1/2" - 9,200 lb WLL	8 - 12	<ul style="list-style-type: none"> • Safer • Ergonomic advantage • Ability to tighten in difficult to access places (in coils, over equipment, flat against deck)
Heavy Hauling	TD13GL, 1/2"-5/8" - 13,000 lb WLL	6 - 8	<ul style="list-style-type: none"> • Safer • Ergonomic advantage • Reduces risk of binder loosening during transport
Heavy Towing / Recovery	TD92RL, 3/8"-1/2" - 9,200 lb WLL	1	<ul style="list-style-type: none"> • Safer • Quicker • Ergonomic advantage
Logging	TD66RL, 5/16"-3/8" - 6,600 lb WLL	6 - 8	<ul style="list-style-type: none"> • Safer • Ergonomic advantage • Reduces risk of binder loosening during transport

"Finally pulled the plug and got my Speedbinders! The very next day, I received a load that required eight chains (before this I used to purposely pass up on loads that needed chaining because I didn't want to deal with the chains). I started on the first chain and before I even got it tight I was kicking myself for not getting these a year earlier. The trucker next to me waiting to get loaded came around his truck when he heard my drill and was very impressed with the ease of use and how tight the chains were. I have since driven that load more than 700 miles, and I have not had to tighten a single binder down — NOT A SINGLE BINDER WAS LOOSE THE ENTIRE TRIP.

I am completely sold on these binders and will be getting four more to make sure I have enough for all the future loads I will be pulling using my chains and Speedbinders!

Thank you for making a great product!"

– Brian@2btrucking.us



LOAD BINDER - TORQUE DRIVE SPEEDBINDER, 5/16" TO 3/8"

Specifications:

- Style - Torque drive
- Size - 5/16" to 3/8"
- W.L.L. - 6,600lbs
- Grade - 70
- Gear ratio - 24:1



LOAD BINDER - TORQUE DRIVE SPEEDBINDER, 3/8" TO 1/2"

Specifications:

- Style - Torque drive
- Size - 3/8" to 1/2" (can also be used with 5/16" chain)
- W.L.L. - 9,200lbs
- Grade - 70
- Gear ratio - 24:1

FOLDING HANDLE LOAD BINDERS

DESCRIPTION

Load Binders are part of Transport Accessories used for load securement purposes. Ratchet Load Binders are designed to tighten chain for securing a load. Ratchet Load Binders have a gear, pawl, handle, and end fittings that screw in or out. Therefore, the Ratchet Load Binder does not store as much energy in the handle when compared to Lever Load Binders. The Folding Handle Ratchet Load Binder has a locking handle that folds in so that nothing is protruding from the load.

Specifications:

- Style: Folding Handle Ratchet
- Sizes: 1/2" - 5/8" and 5/16" - 3/8"



FOLDING HANDLE LOAD BINDER - QUICK BINDER, 1/2" - 5/8"



FOLDING HANDLE LOAD BINDER - QUICK BINDER, 5/16" - 3/8"



FOLDING HANDLE LOAD BINDER - RATCHET, 3/8" - 1/2"



FOLDING HANDLE LOAD BINDER - RATCHET, 5/16" - 3/8"

LEVER STYLE LOAD BINDER

DESCRIPTION

Load Binders are part of Transport Accessories used for load securement purposes. Lever Style Load Binders are designed using a lever device to tighten chain for securing a load. Lever Style Load Binders store kinetic energy in the handle.

Specifications:

- Style: Folding Handle Ratchet
- Sizes: 5/16" - 3/8", 1/2" - 5/8", 3/4" - 5/16", 3/8" - 12", 5/16" - 3/8"



**LOAD BINDER - LEVER,
1/4" - 5/16"**



**LOAD BINDER - LEVER,
5/16" - 3/8"**



**LOAD BINDER - LEVER,
3/8" - 1/2"**

RATCHET STYLE LOAD BINDER

DESCRIPTION

Load Binders are part of Transport Accessories used for load securement purposes. Ratchet Load Binders are designed to tighten chain for securing a load. Ratchet Binders have a gear, pawl, handle, and end fittings that screw in or out. Therefore, the Ratchet Load Binder does not store as much energy in the handle when compared to Lever Load Binders.

Specifications:

- Style: Ratchet Load Binder
- Sizes: 5/16" - 3/8", 1/2" - 5/8",
5/16" - 3/8"



**LOAD BINDER - RATCHET,
5/16" - 3/8"**



**LOAD BINDER - RATCHET,
1/2" - 5/8"**