

INDUSTRIAL CATALOGUE
VANCOUVER



VANGUARD STEEL LTD.

2016

LOAD BINDERS

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Lever Load Binders

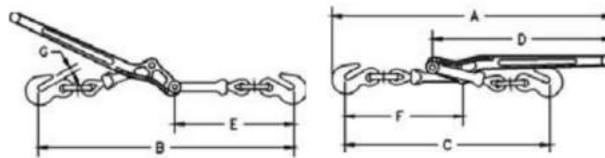
Forged Steel - quenched and tempered.

Ball & Socket swivel joints at hook assembly permit a straight line pull.

Painted Red with Black Hooks.



Lever Load Binder								Take up	WLL (lbs)	NBS (lbs)	Weight (lbs)	Product Code
Min-Max	Dimensions in inches											
Chain Size	A	B	C	D	E	F	G					
1/4"	20.00	17.90	13.70	11.60	8.00	8.00	0.36	3.62	2,600	7,800	2.40	39045016
5/16-3/8"	24.10	22.10	17.90	16.00	10.40	10.40	0.50	4.25	5,400	19,000	7.00	39045024
5/16-3/8"	24.10	22.10	17.90	16.00	10.40	10.40	0.50	4.25	6,600	19,800	7.40	39041024
3/8 - 1/2"	27.00	25.50	22.00	18.50	12.50	12.50	0.60	4.25	9,200	33,000	10.50	39040032



**WARNING: NEVER EXCEED WORKING LOAD LIMITS !
IMPROPER OPERATION OF LOAD BINDER COULD RESULT
IN SERIOUS INJURY OR DEATH !**

Always inspect load binders prior to use and discard in case of signs of wear.

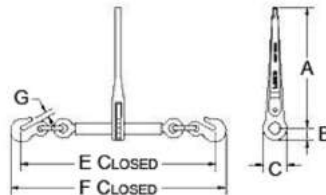
- * **Do Not** operate load binders while you or anyone else is standing on the load !
- * **Do Not** use handle extensions (cheater bars) for tightening.
- * **Do Not** close your hand around handle
- * Load Binder must not bear against an object while under tension..
- * **Always** tighten handle in a downward manner, making sure to keep your body clear of moving handle, as it may whip.
- * **Always** secure position of binder by wrapping the loose end of the chain around handle.

Ratchet Load Binders

Forged load bearing parts.
 Continuous take-up.
 Painted Red with Black Hooks.



Ratchet Load Binder							Take up	WLL (lbs)	NBS (lbs)	Weight (lbs)	Product Code
Min-Max	Dimensions in inches										
Chain Size	A	B	C	E	F	G					
1/4"	6.80	0.88	1.57	16.00	17.80	0.32	5.00	2,600	7,800	4.00	39050016
5/16-3/8"	14.00	1.38	2.75	23.00	25.30	0.50	8.00	5,400	19,000	10.50	39050024
5/16-3/8"	14.00	1.38	2.75	23.00	25.30	0.50	8.00	6,600	26,000	10.50	39051024
3/8 - 1/2"	14.00	1.38	2.75	25.20	28.50	0.60	8.00	9,200	33,000	13.00	39050032
1/2 - 5/8"	14.30	1.40	2.50	26.00	29.00	0.70	9.00	13,000	46,000	15.00	39050040



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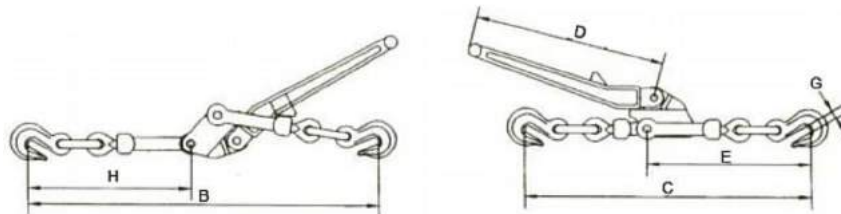
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- * **Always** secure position of binder by wrapping the loose end of the chain around handle.

Recoilless Load Binders

Forged Steel - quenched and tempered.
 Continuous take-up.
 Reduces whip-back for safer operation.



Recoilless Load Binder								Take up	WLL (lbs)	NBS (lbs)	Weight (lbs)	Product Code
Min-Max Chain Size	Dimensions in inches											
	A	B	C	D	E	F	G					
5/16-3/8"	24.10	23.70	19.70	13.20	11.02	11.02	0.51	4.50	5,400	19,000	9.25	39060024
3/8 -1/2"	27.00	25.50	22.00	18.50	12.50	12.50	0.60	4.50	9,200	33,000	15.00	39060032



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- * **Always** secure position of binder by wrapping the loose end of the chain around handle.

Load Binder Securement Hooks

While there are numerous alternatives to securing the wrapper to the handle, most truckers prefer a hook to be with the handle of the load binder.

It has been determined by WorkSafeBC that welding a hook onto the handle of a load binder, compromises the structural integrity of the cinch handle and incurs the possibility of breaking the handle while the trucker uses, as is common practice, a cheater pipe.

For this preference we have provided the following solution.

A grab hook welded to thin-walled, hollow, structural steel, which in turn can be slid over the cinch handle and then crimped into place. The moderate crimping required to the hollow structural steel should not, if done correctly, affect the structural integrity of the metal.



Load Binder Hook	Weight lbs./pc	Product Code
1/4"	0.50	39046020
3/8"	2.00	39046024



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General Warnings

All Vanguard rigging products are sold with the express understanding that both the purchaser and the end user are thoroughly familiar with the safe, proper and acceptable applications of the products.

It is the responsibility of the end user to establish proper safety programs and to provide thorough training for all personnel prior to use. The training programs must meet any federal/provincial/state/local code requirements, existing plant/site safety rules and regulations, and all instructions provided in the applicable section of this catalogue. Product failure can occur due to abuse, misapplication, lack of maintenance, use by unqualified personnel and improper inspection prior to use. **Any failure of rigging products may result in property damage, personal injury and even death!!!!**

Standards

There are numerous government and industrial standards that cover rigging products. This catalogue makes no attempt to reference all of them; it references to the standards that are most frequently asked about.

Working Load Limit (WLL) – Safe Working Load (SWL)

The Working Load Limits shown in this catalogue are applicable to products that are new or “in as new” condition. The Working Load Limits ratings refer to the maximum amount of force or load that the rigging product can carry under normal working/environmental conditions. The Working Load Limits and Design Factor can be affected by wear, misuse, overloading, shock loading, side loading, corrosion, deformation, product alteration and other use conditions. Inspection of rigging products prior to use is required to determine whether the product continues to meet the assigned WLL provided in this catalogue, should be used at a reduced rating or removed from service.

The WLL rating must never be exceeded!!!!



General information disclaimer

The contents contained in this publication are for general information only.

Although every effort has been made to assure the accuracy of the information at time of print, persons who use the Catalog should note that ratings, laws, rules, and policies change from time to time and that these changes may alter the information contained in this publication.

Vanguard Steel Ltd. assumes no liability for Catalog errors or omissions.

It is the responsibility of each person who uses this Catalog to ascertain current information that pertains to the individual lifting program, particularly with regard to satisfactory safety compliance requirements. Check your Provincial and Local safety standards before any operation or lift is attempted.

It is the responsibility of the person/operator to frequently search for updated reference information.

Do not use lesser than matching Grade components for any lifting application !

Do not use Slings, Chains or Accessories with signs of wear or deformation !

Inspections - Each day before being used, the sling and all fastenings and attachments shall be inspected for damage or defects by a competent person designated by the employer. Additional inspections shall be performed during sling use where service conditions warrant. Damaged or defective slings shall be immediately removed from service.

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