

**WLL:** Working Load Limit is the maximum load (in pounds) which should ever be applied to any assembly, when the assembly is new and the load is uniformly applied in direct tension to a straight, untwisted assembly.

**All safety ratio ratings (WLL) are the maximum safe load which the assembly should be subject to at any time.**

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### Lever Binders

Part #	Description	Chain Size	WLL
3675	Lever Chain Binder	1/4" - 5/16"	2,600 lbs
3676	Lever Chain Binder	5/16" - 3/8"	5,400 lbs

### Ratchet Binders

Part #	Description	Chain Size	WLL
3678	Ratchet Chain Binder	5/16" - 3/8"	5,400 lbs
3679	Ratchet Chain Binder	3/8" - 1/2"	9,200 lbs

### Load Binder Chain Assemblies

Made from high carbon steel to provide greater tensile strength

Part #	Description	Chain Size	WLL
43253	Grade 43 High Test	3/8" x 20'	5,400 lbs
43252	Grade 70 Transport Chain	3/8" x 20'	6,600 lbs



### Tie-Down Assembly Usage Chart:

This chart is provided as a guide to meet the basic minimum current in service requirements of the FMCSA<sup>†</sup> and the DOT<sup>‡</sup> published Sept 27, 2002. The following table lists the minimum number of chain assemblies required to secure a load per DOT & CVSA<sup>§</sup>. This chart is only to be used as a reference.

\*Many factors affect proper method of cargo securement including the cargo to be secured and the length of the cargo. Refer to the most recent revision of The Department of Transportation (DOT) Title 49 regulations for more complete requirements regarding the proper methods and number of tiedowns required.

<sup>†</sup>FMCSA: Federal Motor Carrier Safety Admin

<sup>‡</sup>DOT: Department of Transportation

<sup>§</sup>CVSA: The Commercial Vehicle Safety Alliance

Chain Grade	Size	Net weight of cargo to be secured in lbs:						
		20,000	25,000	30,000	35,000	40,000	45,000	50,000
Alloy S8 - G80	5/16	Due to elongation characteristics S-8 Alloy chain is not recommend for Transport tie-down or cargo securement.						
	3/8	Due to elongation characteristics S-8 Alloy chain is not recommend for Transport tie-down or cargo securement.						
Transport S7 - G70	1/4	4	4	5	6	7	8	8
	5/16	3	3	4	4	5	5	6
	3/8	2	2	3	3	4	4	4
High Test S4 - G43	1/2	1	2	2	2	2	2	3
	1/4	4	5	6	7	8	9	10
	5/16	3	4	4	5	6	6	7
Proof Coil S3 - G30	3/8	2	3	3	4	4	5	5
	1/4	Due to low working load limits, S-3 Proof coil is not recommend for Transport tie- down or cargo securement.						
Proof Coil S3 - G30	5/16	Due to low working load limits, S-3 Proof coil is not recommend for Transport tie- down or cargo securement.						
	3/8	Due to low working load limits, S-3 Proof coil is not recommend for Transport tie- down or cargo securement.						

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Information

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