



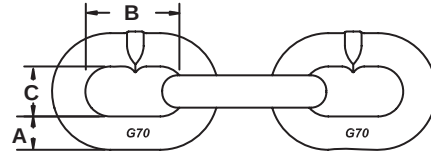
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Transport Chain

Grade 70 Transport (binding) Chain



- Meets ASTM & NACM standards
- Meets FMCSA & CVSA requirements
- Thermal heat treated using advanced technology
- Heat treated for superior wear and toughness
- 100% proof tested
- Permanent identification on chain



Chain Size	Working Load Limit	Product Code			A	B	C	App. Weight	App. No. of links	Drum Pack Code No. (Yellow Chromate Finish)					
		Self Colored	Yellow Chromate	Thermal Dipped Black						Full Drum	Length	Half Drum	Length	Pail	Length
Imperial															
in.	lb.				in.	in.	in.	lb./ft.	per ft.		ft.		ft.		ft.
1/4	3,150	608926	608927	-	0.281	0.840	0.470	0.76	14.3	678531	800	678521	400	678517	130
5/16	4,700	608936	608935	-	0.327	0.980	0.460	1.01	12.2	678532	550	678522	275	678518	90
5/16	4,700	609036	609035	-	0.327	1.100	0.500	0.97	10.9	679032	550	679022	275	679018	90
3/8	6,600	608940	608941	-	0.406	1.140	0.540	1.58	10.5	678533	400	678523	200	678519	60
3/8	6,600	609040	609041	-	0.394	1.375	0.600	1.39	8.73	679033	400	679023	200	679019	60
7/16	8,750	608946	608947	-	0.468	1.325	0.620	2.09	9.06	678534	300	678524	150	-	-
1/2	11,300	608953	608954	-	0.531	1.559	0.734	2.70	7.70	678535	200	678525	100	9704850	40

Binder Chain Specifications

This chart indicates the minimum number of chains required to secure loads in the forward direction (0.8g deceleration)* per federal Motor Carriers Safety Administration, DOT Regulations; per 49CFR, Part 393 - Paragraph 393.102

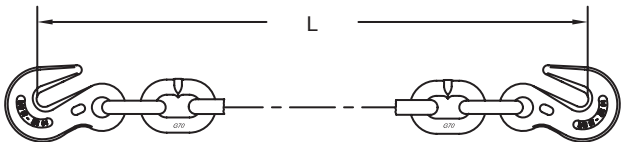
*Refer to 49CFR, Parts 392 and 393, for North American Standard for Protection Against Falling and Shifting Cargo for complete regulations

				Min. # of chains required to secure loads in forward direction by weight of the article in lbs. (kN)									
Chain Grade	Size	Working Load Limit		5,000 (22)	10,000 (44)	15,000 (67)	20,000 (89)	25,000 (111)	30,000 (133)	35,000 (156)	40,000 (178)	45,000 (200)	50,000 (222)
	in.	lb.	kN										
Grade 30 Proof Coil	5/16	1,900	8	3	5	7	9	11	13	15	17	19	22
	3/8	2,650	12	2	4	5	7	8	10	11	13	14	16
Grade 43 High Test	5/16	3,900	17	2	3	4	5	6	7	8	9	10	11
	3/8	5,400	24	1	2	3	3	4	5	6	6	7	8
Grade 70 Transport	1/4	3,150	14	2	3	4	6	7	8	9	11	12	13
	5/16	4,700	21	1	2	3	4	5	6	6	7	8	9
	3/8	6,600	29	1	2	2	3	4	4	5	5	6	7
Grade 80 Herc-Alloy	7/32	2,100	9	2	4	6	8	10	12	14	16	18	20
	9/32	3,500	16	2	3	4	5	6	7	9	10	11	12
	5/16	4,500	20	1	2	3	4	5	6	7	8	9	10
	3/8	7,100	32	1	2	2	3	3	4	4	5	6	6
Grade 100 Herc-Alloy	3/8	8,800	39	1	1	2	2	3	3	4	4	5	5

G70 Welded Assembly



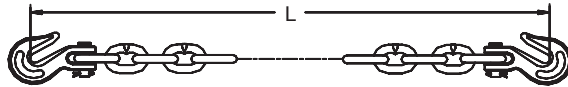
- Meets FMCSA, CVSA, DOT requirements
- Available in custom built lengths
- Assemblies are available with your choice of end attachments
- Assemblies are available with mechanical or welded attachments
- Welded assemblies are proof tested after welding.
- Full line of lever and ratchet binders to accommodate binder chain offering



Chain Size	Working Load Limit	Product Code	Product Code in bag	L	Finish	Weight
Imperial						
in.	lb.			ft.		lb.
5/16	4,700	-	638264	16	Yellow Chromate	16.71
5/16	4,700	638224	638302	20	Yellow Chromate	20.71
5/16	4,700	638260	-	25	Yellow Chromate	25.71
3/8	6,600	638558	-	20	Yellow Chromate	32.88
5/16	4,700	639064	-	16	Yellow Chromate	15.80
5/16	4,700	639024	-	20	Yellow Chromate	19.50
5/16	4,700	639060	-	25	Yellow Chromate	24.10
3/8	6,600	639089	-	16	Yellow Chromate	24.30
3/8	6,600	639058	-	20	Yellow Chromate	30.37

Transport Chain Chain Assemblies

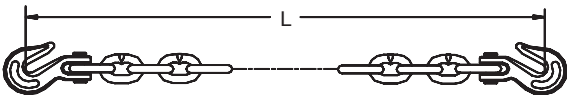
G70 Clevis Assembly



- Meets all Department of Transportation requirements
- No worries with ultra-violet degrading
- Custom lengths available
- Required in most states by DOT

Chain Size	Working Load Limit	Product Code Bulk	Product Code in bag	L	Finish	Weight
Imperial						
in.	lb.			ft.		lb.
Short Link						
1/4	3,150	638265	-	20	Yellow Chromate	15.40
5/16	4,700	638274	-	12	Yellow Chromate	13.10
5/16	4,700	638281	638276	14	Yellow Chromate	15.10
5/16	4,700	638282	638277	16	Yellow Chromate	17.10
5/16	4,700	638283	-	18	Yellow Chromate	19.10
5/16	4,700	638284	638266	20	Yellow Chromate	21.10
5/16	4,700	638313	-	24	Yellow Chromate	25.10
5/16	4,700	638279	638279BG	25	Yellow Chromate	26.10
3/8	6,600	638291	-	14	Yellow Chromate	23.50
3/8	6,600	638292	638268	16	Yellow Chromate	26.60
3/8	6,600	638293	-	18	Yellow Chromate	29.80
3/8	6,600	638294	638267	20	Yellow Chromate	32.90
1/2	11,300	638350	-	20	Yellow Chromate	54.20
Standard Link						
5/16	4,700	639081	-	14	Yellow Chromate	13.90
5/16	4,700	639082	-	16	Yellow Chromate	15.80
5/16	4,700	639083	-	18	Yellow Chromate	17.60
5/16	4,700	639084	639084BG	20	Yellow Chromate	19.40
5/16	4,700	639013	-	24	Yellow Chromate	23.10
5/16	4,700	639079	639079BG	25	Yellow Chromate	24.00
3/8	6,600	639091	-	14	Yellow Chromate	21.76
3/8	6,600	639092	639068	16	Yellow Chromate	24.56
3/8	6,600	639093	-	18	Yellow Chromate	27.36
3/8	6,600	639094	639094BG	20	Yellow Chromate	30.16
3/8	6,600	639097	-	25	Yellow Chromate	30.16

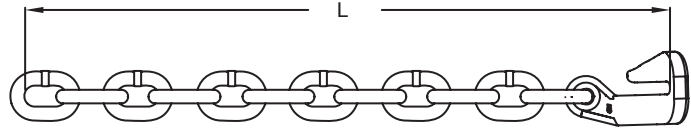
G70 Rivet Assembly



Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
Short Link					
5/16	4,700	638281 CRV	14	Yellow Chromate	15.10
5/16	4,700	638282CRV	16	Yellow Chromate	17.10
5/16	4,700	638283 CRV	18	Yellow Chromate	19.10
5/16	4,700	638284CRV	20	Yellow Chromate	21.10
3/8	6,600	638291CRV	14	Yellow Chromate	23.50
3/8	6,600	638292CRV	16	Yellow Chromate	26.60
3/8	6,600	638293CRV	18	Yellow Chromate	29.80
3/8	6,600	638294CRV	20	Yellow Chromate	32.90
Standard Link					
5/16	4,700	639084CRV	20	Yellow Chromate	21.10
5/16	4,700	639079CRV	25	Yellow Chromate	24.00
3/8	6,600	639094CRV	20	Yellow Chromate	30.20



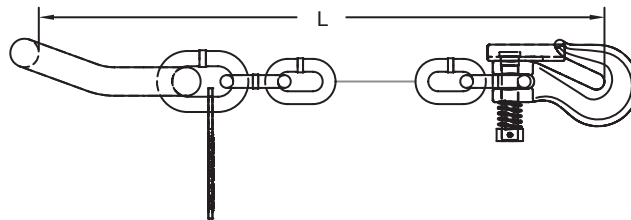
AirCRAFT Assembly



Chain Size	Minimum Break Strength	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.	in.	lb.
9/32	14,100	627728	9	Yellow Chromate	6.9

AG Safety Chain

- Designed for agricultural equipment
- Meets ASAE S338 standard
- Assemblies may be installed as permanent or temporary safety chain
- Unique latch type hook facilitates positive attachment to chain
- Identification tag on all chain assemblies
- Zinc plate finish to prevent premature corrosion

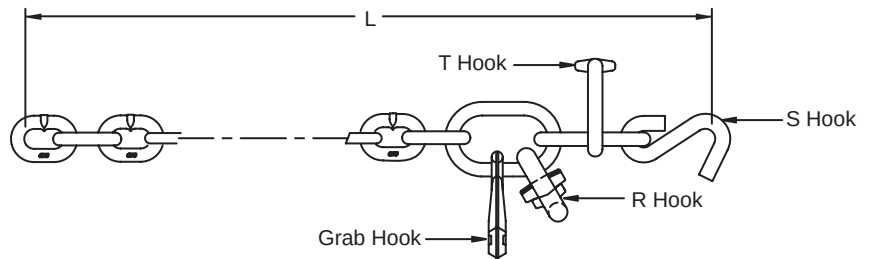


Chain Size	Chain Grade	Minimum Break Strength	Product Code	Minimum Length L	Finish
Imperial					
in.		lb.		ft.	
1/4	43	6,400	6510026WR	5' 6"	Blue Bright
5/16	43	10,100	6510025WR	5' 6"	Blue Bright
1/4	70	10,100	6510027WR	5' 6"	Yellow Chromate
3/8	70	20,200	6510028WR	5' 8"	Yellow Chromate
7/16	70	30,400	6510029WR	5' 9"	Yellow Chromate
5/8	70	60,600	6510053WR	8' 2"	Yellow Chromate



Transport Chain Cluster Assemblies

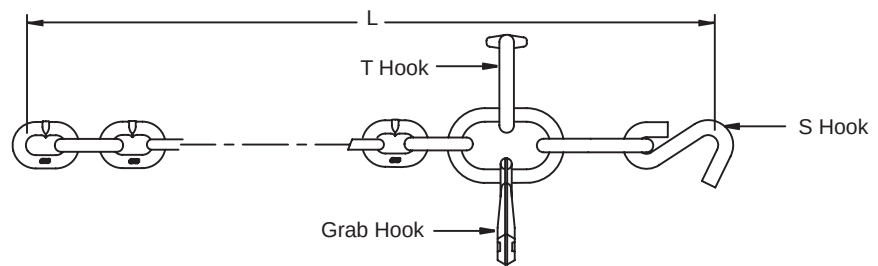
G, T, R & S



- Custom length of chain available upon request
- Custom end attachments assortments available to satisfy your needs
- End attachments available include, R Hooks, T Hooks, S Hooks, Grab Hooks, Mini J

Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
5/16	2,700	608324	3'	Yellow Chromate Chain	5.98
5/16	2,700	608320	5'	Yellow Chromate Chain	7.95
5/16	2,700	U608344	5'2"	Self Colored	8.12
5/16	2,700	608321	6'	Yellow Chromate Chain	8.95
5/16	2,700	U608345	6'2"	Self Colored	9.11
5/16	2,700	608330	6'4"	Yellow Chromate Chain	9.28
5/16	2,700	608322	7'	Yellow Chromate Chain	9.95
5/16	2,700	U608346	7'4"	Self Colored	10.28
5/16	2,700	608323	8'	Yellow Chromate Chain	10.95
5/16	2,700	U608347	8'4"	Self Colored	11.11
5/16	2,700	608331	8'4"	Yellow Chromate Chain	11.28
5/16	2,700	608332	10'4"	Yellow Chromate Chain	13.28

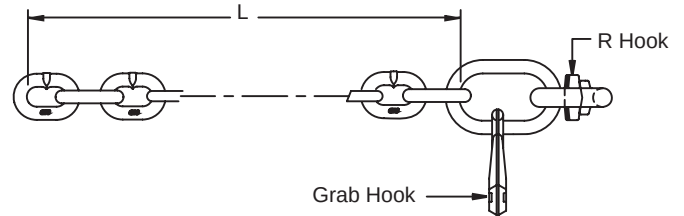
G, T, & S



- Custom length of chain available upon request
- Custom end attachments assortments available to satisfy your needs
- End attachments available include, R Hooks, T Hooks, S Hooks, Grab Hooks, Mini J

Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
5/16	2,700	U608327	3'7"	Self Colored	5.64
5/16	2,700	U608328	4'7"	Self Colored	6.64
5/16	2,700	608333	4'8"	Yellow Chromate Chain	7.31
5/16	2,700	U608332	5'7"	Yellow Chromate Chain	7.64
5/16	2,700	U608330	6'7"	Self Colored	8.64
5/16	2,700	U608331	12'7"	Self Colored	14.63

G & R



- Custom length of chain available upon request
- Custom end attachments assortments available to satisfy your needs
- End attachments available include, R Hooks, T Hooks, S Hooks, Grab Hooks, Mini J

Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
5/16	4,700	U608329	8	Self Colored	9.64
5/16	4,700	U608356	6	Self Colored	7.64
5/16	4,700	U608357	5	Self Colored	6.64
5/16	4,700	U608360	10	Self Colored	11.64

Recovery J Hook Assemblies



- Patented I beam profile towing 15" Clevlok Alloy J Hook
- Clevloc style head, no catch points
- Patented nose design reduces hook slippage on chain
- Load rest reduces load rolling out of hook bowl (load must be behind rest)
- Designed for the professional towing
- G80 Proof Loaded Assemblies
- All mechanical connections... no welded links

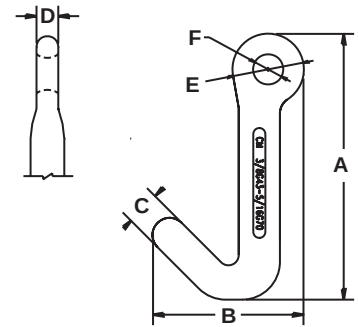
Size	Working Load Limit	Product Code	Chain Length	Description
Imperial				
in.	lb.		ft.	
3/8	7,100	97901G8	10	Omegalok and Master Link
3/8	7,100	97901G9	10	Clevlok Cradle Grab

Transport Chain Towing Attachments

Mini “J” Hook



- Designed specifically for the towing and transport industry
- Designed for use with 5/16” grade 70 chain
- Not to be used with 1/4” chain
- Combinations available for all tie down needs
- Finishes available are yellow chromate, Self colored and zinc plated
- Not for overhead lifting

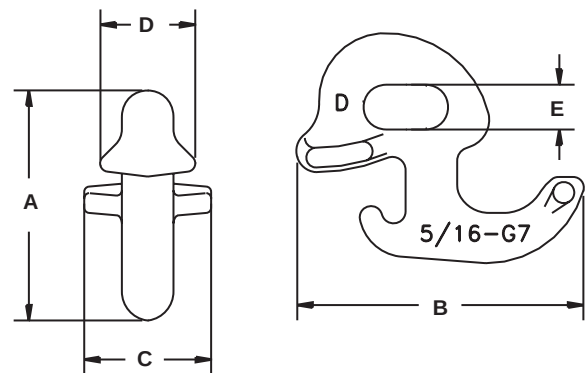


Size	Working Load Limit (grade 70)	Product Code (Yellow Chromate)	Product Code (Zinc)	Dimensions						Weight
				A	B	C	D	E	F	
Imperial										
in.	lb.			in.	in.	in.	in.	in.	in.	lb.
5/16	4,700	92714	92711	4.84	2.76	0.63	0.38	1.30	0.55	0.60

“R” Hook



- Designed specifically for the towing and transport industry
- Designed for use with 5/16” grade 70 chain
- Not to be used with 1/4” chain
- Combinations available for all tie down needs
- Finishes available are yellow chromate, Self colored and zinc plated
- Not for overhead lifting



Size	Working Load Limit (grade 70)	Product Code (Self Colored)	Product Code (Zinc)	Dimensions					Weight
				A	B	C	D	E	
Imperial									
in.	lb.			in.	in.	in.	in.	in.	lb.
5/16	4,700	93424	93423	2.72	3.40	1.50	1.13	0.53	0.64

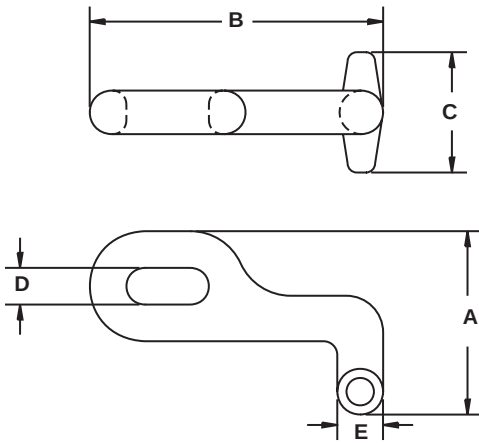
⚠ WARNING ⚠

Not for overhead lifting

“T” Hook



- Designed specifically for the towing and transport industry
- Designed for use with 5/16” grade 70 chain
- Not to be used with 1/4” chain
- Combinations available for all tie down needs
- Finishes available are yellow chromate, Self colored and zinc plated
- Not for overhead lifting



Size	Working Load Limit (grade 70)	Product Code (Self Colored)	Product Code (Zinc)	Dimensions					Weight
				A	B	C	D	E	
Imperial									
in.	lb.			in.	in.	in.	in.	in.	lb.
5/16	4,700	93406	93405	2.50	4.00	1.64	0.50	0.63	0.62

“J” Hook



8” 92859



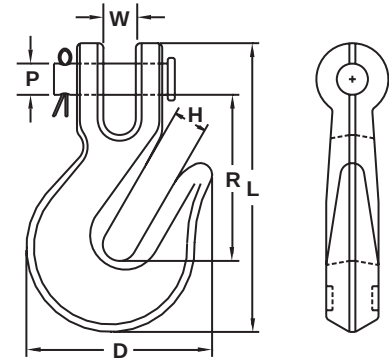
15” 91259

Grade	Working Load Limit	Product Code	Finish	Description
Imperial				
	lb.			
G70	4,700	92859	Yellow Chromate	Forged 8" J Hook
G70	4,700	91259	Yellow Chromate	Forged 15" J Hook

G70 Clevis Grab Hooks



- Meets ASTM & NACM standards
- Designed specifically for transport grade 70 chain
- 4:1 design factor
- Yellow chromate finish
- Not recommended for overhead lifting

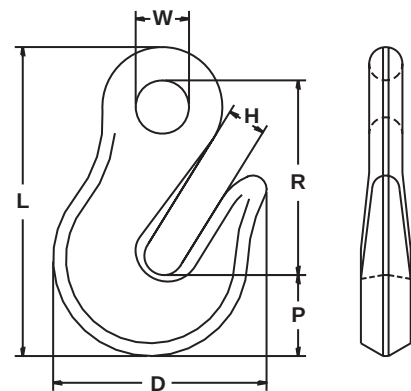


Size	Working Load Limit	Product Code (Yellow Chromate)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
5/16	4,700	62273	0.42	2.48	0.45	3.53	1.99	0.38	0.75
3/8	6,600	62373	0.50	2.95	0.51	4.10	2.35	0.44	1.10

G70 Eye Grab Hooks



- Meets ASTM & NACM standards
- Designed specifically for transport grade 70 chain
- 4:1 design factor
- Self colored finish
- Not recommended for overhead lifting

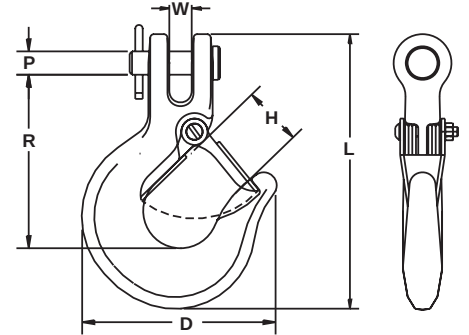


Size	Working Load Limit	Product Code (Self Colored)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
5/16	4,700	71297	0.70	2.70	0.53	3.89	2.44	1.00	0.75
3/8	6,600	71497	0.68	2.73	0.51	4.03	2.46	1.08	1.10

G70 Clevis Slip Hook



- Meets ASTM & NACM standards
- Designed specifically for transport grade 70 chain
- 4:1 design factor
- Hook embossed with trace code providing traceability throughout the manufacturing and testing process to heat of steel

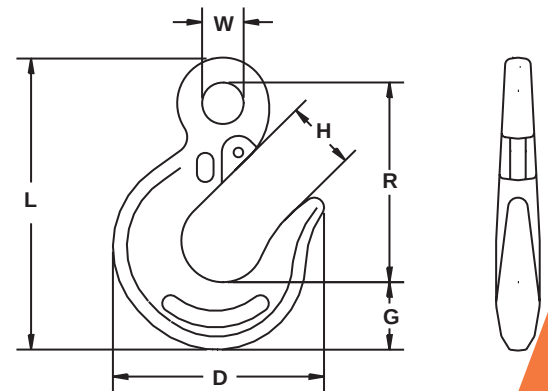


Size	Working Load Limit	Product Code	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
With Latch									
5/16	4,700	6905AWL	0.38	3.25	0.94	4.62	2.91	0.39	0.96
3/8	6,600	6906AWL	0.45	3.87	1.00	5.42	3.39	0.49	1.66
Without Latch									
5/16	4,700	M6905A	0.38	3.25	1.06	4.62	2.91	0.39	0.75
3/8	6,600	M6906A	0.45	3.87	1.24	5.42	3.39	0.49	1.25

G70 Eye Slip Hook



- Meets ASTM & NACM standards
- Designed specifically for transport grade 70 chain
- 4:1 design factor
- Hook embossed with trace code providing traceability throughout the manufacturing and testing process to heat of steel



Size	Working Load Limit	Product Code	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	3,150	M6304	0.53	2.69	0.90	3.79	2.60	0.88	0.45
5/16	4,700	M6305	0.63	3.19	1.05	4.41	3.00	1.03	0.58
3/8	6,600	M6306	0.78	3.75	1.22	5.38	3.72	1.25	1.40
7/16	8,750	M6307	0.81	4.33	1.46	5.75	3.91	1.38	1.50

Lever Type Load Binder



- All components are forged, no cast parts
- Forged binders are lighter and stronger than cast binders
- Under equal force a forged handle will yield and bend while a cast handle may break

Size				Product Code	Working Load Limit	Handle Take Up	Working Load Length	Weight
G30	G43	G70	G80					
Imperial								
in.	in.	in.	in.		lb.	in.	in.	lb.
1/4	1/4	-	-	48304	2,600	3.75	11.25	3.0
3/8	3/8	5/16	-	48305	5,400	4.50	16.12	8.1
1/2	1/2	3/8	-	48406	9,200	4.75	16.62	10.6
3/8	3/8	3/8	3/8	48769	7,100	4.50	16.62	8.1

Claw Hook Load Binder



Load binder operating instructions

1. Follow D.O.T. Federal Motor Carrier Safety Regulations S 392.9, S 393.100, and S 393.102
2. Inspect before use. Replace worn and deformed binders. Lubricate pivot and swivel points for optimum performance.
3. Do not operate with anyone on load.
4. Always apply lever binder in straight line hook to hook manner without bending and such that handle goes down when securing load.
5. Tighten binders before moving and recheck frequently.
6. Do not exceed working load limit shown on binder - hand effort will tighten binder to working load limit.
7. Do not use cheater bar or handle extension as their use can overload binder system and result in injury.
8. Secure handle down with a positive retaining method.
9. Release handle/load with extreme care. Make sure everyone is clear. Lever binder handle can snap back over center. Use open palm under handle and push up.

Size		Product Code	Working Load Limit	Handle Take Up	Working Load Length	Weight
G43	G70					
Imperial						
in.	in.		lb.	in.	in.	lb.
3/8	-	Special Order	5,400	4.50	16.12	0.69
-	3/8	Special Order	9,200	4.75	16.62	1.00
3/8	3/8	Special Order	6,600	4.50	16.62	2.02

⚠ WARNING ⚠

Load binding systems store energy which can release suddenly

To avoid injury:

Operate only by hand from a firm standing position. Operate handle cautiously. Stay clear of handle path: handle may release suddenly. Follow instructions.

Ratchet Type Load Binder



- Each ratchet component is forged from pure alloy steel
- Handle is designed loose using self-locking one-way bolts allowing easy removal of unwanted debris such as mud, snow or ice
- Proof tested to 50% of the minimum breaking strength
- Gears are permanently welded to the barrel

Size			Product Code	End Fittings	Working Load Limit	Take Up	Handle Length	Barrel Size O.D. (Dia. x Length)	Screw Diameter	Weight
G30	G43	G70								
Imperial										
in.	in.	in.			lb.	in.	in.	in.	in.	lb.
1/4	1/4	-	48364	Hook / Hook	2,600	4.00	11.00	1-5/16 x 6	3/4 x 6	5.4
-	-	-	48811	Eye / Eye (no hook)	5,400	8.00	12.00	1-5/16 x 6	3/4 x 6	8.6
-	-	-	48363	Eye / Eye (no hook)	13,000	8.00	14.00	1-1/2 x 10	1 x 10	9.8
3/8	3/8	5/16	46565	Body Only	5,400	8.00	-	1-1/2 x 10	1 x 10	11.0
1/2	1/2	3/8	46566	Body Only	9,200	8.00	-	1-1/2 x 10	1 x 10	11.7
-	-	-	46565H	Handle Only	-	-	14.00	-	-	4.3
3/8	3/8	5/16	48810	Hook / Hook	5,400	8.00	12.00	1-5/16 x 6	3/4 x 6	8.6
3/8	3/8	3/8	48360	Hook / Hook	7,100	8.00	14.00	1-1/2 x 10	1 x 10	13.0
3/8	3/8	5/16	48365	Hook / Hook	5,400	8.00	14.00	1-1/2 x 10	1 x 10	12.0
1/2	1/2	3/8	48366	Hook / Hook	9,200	8.00	14.00	1-1/2 x 10	1 x 10	13.0
5/8	5/8	1/2	48367	Hook / Hook	13,000	8.00	14.00	1-1/2 x 10	1 x 10	16.0

Tightener Load Binder



- Features a swivel hook for easier operation
- Either hook may be permanently attached to chain
- Rugged cast construction with formed hooks

Product Code	Working Load Limit	Handle Take Up	Handle Length	Weight
Imperial				
	lb.	in.	in.	lb.
48949	375	3.00	9.50	1.40
48979	175	2.00	4.50	0.45

⚠ WARNING ⚠

Load binder systems store energy which can release suddenly

Specialty Forged Lever Load Binder



- **DIXI-LOC (48385)** binders provide extra security by allow the binder to be locked in closed position using a pad lock, linch pin or bolt.
- **COMPRESSION BINDERS (48758 & 48395)** are designed for securing bar and rod steel, lumber, poles and machinery with rubber tires.
- **EZ GRAB (48325)** is a military style binder designed to use the handle leverage to remove slack from the chain before hook-up, achieving correct tension on the first try.

Size			Product Code	Working Load Limit	Take Up	Handle Length	Weight
G30	G43	G70					
Imperial							
in.	in.	in.		lb.	in.	in.	lb.
3/8	3/8	5/16	48385	5,400	4.50	16.62	8.50
3/8	3/8	5/16	48395	5,400	4.50	16.62	14.60
1/2	1/2	3/8	48758	9,200	4.50	16.62	13.00
3/8	3/8	5/16	48325	5,400	4.50	18.38	8.75

Removable Handle Load Binder



- Removing handle provides greater load security by making it less likely for load to be stolen
- Reduces overall weight

Size			Product Code	Working Load Limit	Handle Take Up	Handle Length	Weight
G30	G43	G70					
Imperial							
in.	in.	in.		lb.	in.	in.	lb.
3/8	3/8	5/16	46565 Body	5,400	8.00	-	7.4
1/2	1/2	3/8	46566 Body	9,200	8.00	-	11.7
-	-	-	46565H Handle	-	-	14	4.3

⚠ WARNING ⚠

Load binder systems store energy which can release suddenly

“E-Z Pro” Cam Release Lever Binder



48405



48406

- Binder releases effortlessly without the use of any tools or prying
- Free turning, 360° continuous swivel action in both tongue and clevis for enhanced straight line pull.
- Highly visible yellow paint finish

Size			Product Code	Working Load Limit	Take Up	Handle Length	Weight
G30	G43	G70					
Imperial							
in.	in.	in.		lb.	in.	in.	lb.
3/8	3/8	5/16	48405	5,400	4.75	16.62	9.0
1/2	1/2	3/8	48406	9,200	4.75	16.62	9.8

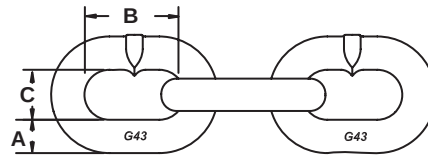


Low energy release binder allows you to release the binder effortlessly, without using any tools or prying. It can actually be release under load with one finger! Due to it's unique design, the handle releases the load at the same point every time, when the handle is at the 12 o'clock position.

Carbon Chain Chain & Assemblies

G43 Chain

Gr-43, commonly called High Test, is manufactured to meet ASTM & NACM specifications. Typical uses include container securement, logging, towing, and marine industry. Gr-43 is available in many finishes and package configurations. "Gr-43 is not to be used for overhead lifting".

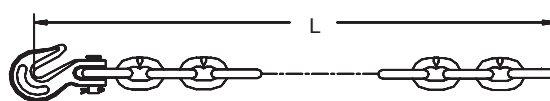


Chain Size	Working Load Limit	A	B	C	App. Weight	App. No of Links
Imperial						
in.	lb.	in.	in.	in.	lb.	
1/4	2,600	0.270	1.220	0.460	0.60	9.84
5/16	3,900	0.327	1.100	0.500	0.98	10.91
3/8	5,400	0.386	1.370	0.600	1.33	8.76
1/2	9,200	0.500	1.730	0.810	2.27	6.93
5/8	13,000	0.625	1.916	0.855	3.63	5.63
3/4	20,200	0.781	2.397	1.070	5.68	5.66

- Meets ASTM & NACM standards
- Available in a wide assortment of finishes including, Self Colored, Burnished, Zinc Plated, Galvanized
- 50% stronger than Gr-30 Chain
- Permanent identification on chain
- 100% proof tested
- Available in drums, pails, multiple style of assemblies

Chain Size	Self Colored Finish						Zinc Plated Finish						Hot Dipped Galvanized Finish			
	Full Drum	Length	Half Drum	Length	Pail	Length	Full Drum	Length	Half Drum	Length	Pail	Length	Full Drum	Length	Half Drum	Length
Imperial																
in.		ft.		ft.		ft.		ft.		ft.		ft.		ft.		ft.
1/4	678141	800	678131	400	678111	140	678441	800	678431	400	678411	140	678341	800	678331	400
5/16	678142	550	678132	275	678112	90	678442	550	678432	275	678412	90	678342	550	678332	275
3/8	678143	400	678133	200	678113	60	678443	400	678433	200	678413	60	678343	400	678333	200
1/2	-	350	678145	200	-	-	678445	200	-	100	-	-	678345	200	-	100
5/8	678146	150	678136	75	-	-	-	150	-	75	-	-	678346	150	678336	75
3/4	678147	100	678137	50	-	-	-	100	-	50	-	-	678347	100	678337	50

G43 Hanger Chain

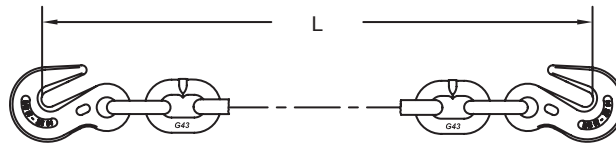


Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
1/4	2,600	628204GA	4	Self Colored	2.9
1/4	2,600	628209GA	9	Self Colored	5.8
1/4	2,600	628212GA	12	Self Colored	7.7
3/8	5,400	628311GA	11	Self Colored	15.9



G43 Welded Assembly

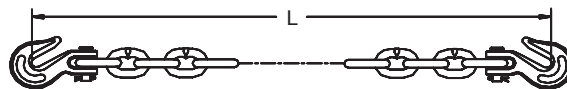
- Meets FMCSA, CVSA, NACM, & ASTM standards
- Available with welded style hooks
- No worries with ultra-violet degrading
- Various end attachments available
- Finishes are available including; self colored, galvanized, zinc plated



Chain Size	Working Load Limit	Product Code	Product Code in Bags	L	Finish	Weight
Imperial						
in.	lb.			ft.		lb.
3/8	5,400	638241	638238	20	Self Colored	28.10

G43 Clevis Assemblies

- Meets FMCSA, CVSA, NACM, & ASTM standards
- Available in clevis style hooks
- No worries with ultra-violet degrading
- Various end attachments available
- Finishes are available including; self colored, galvanized, zinc plated



Chain Size	Working Load Limit	Product Code	Product Code Bag Pack	L	Finish	Weight
Imperial						
in.	lb.			ft.		lb.
1/4	2,600	638010	-	10	Self Colored	6.50
1/4	2,600	638020	-	20	Self Colored	12.58
5/16	3,900	608014	-	14	Self Colored	14.70
5/16	3,900	638209	-	16	Self Colored	17.80
5/16	3,900	608401	-	20	Self Colored	21.10
5/16	3,900	638025	-	25	Self Colored	25.50
3/8	5,400	638208	-	10	Self Colored	18.32
3/8	5,400	638215	-	12	Self Colored	18.32
3/8	5,400	638216	638222	14	Self Colored	20.98
3/8	5,400	638217	638217BG	16	Self Colored	23.64
3/8	5,400	638218	-	18	Self Colored	26.30
3/8	5,400	638219	638223	20	Self Colored	28.96
3/8	5,400	638220	-	25	Self Colored	35.61
1/2	9,200	638226	-	20	Self Colored	47.70

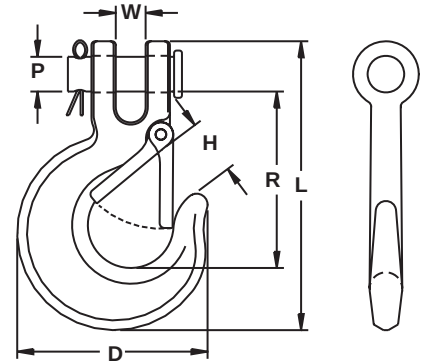


Carbon Chain G43 Slip Hooks

G43 Clevis Slip Hook w/latch



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

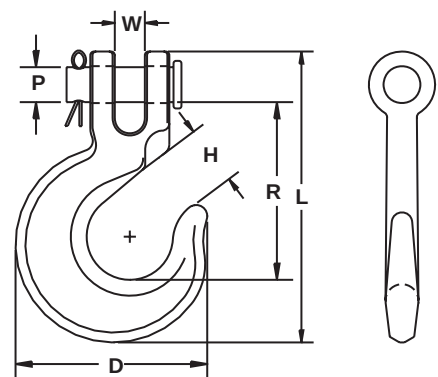


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	66173	0.36	2.33	0.72	2.27	2.32	0.31	0.35
5/16	3,900	66273	0.42	2.72	0.77	4.13	2.56	0.38	0.63
3/8	5,400	66373	0.50	3.20	0.86	4.81	3.04	0.44	1.02
7/16	7,200	66473	0.58	3.91	1.02	5.56	3.50	0.50	1.56
1/2	9,200	66573	0.61	4.16	1.12	6.31	4.15	0.55	2.27

G43 Clevis Slip Hook (Zinc)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

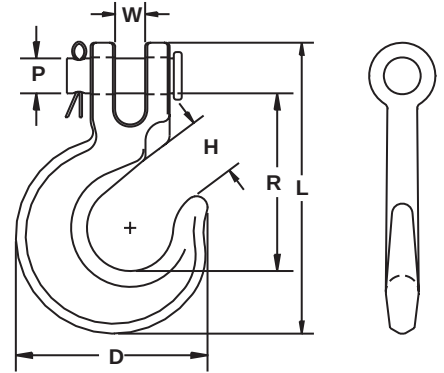


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	66193	0.36	2.33	0.72	2.27	2.32	0.31	0.35
5/16	3,900	66293	0.42	2.72	0.77	4.13	2.56	0.38	0.63
3/8	5,400	66393	0.50	3.20	0.86	4.81	3.04	0.44	1.02
7/16	7,200	66493	0.58	3.91	1.02	5.56	3.50	0.50	1.56
1/2	9,200	66593	0.61	4.16	1.12	6.31	4.15	0.55	2.27

G43 Clevis Slip Hook (Red)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

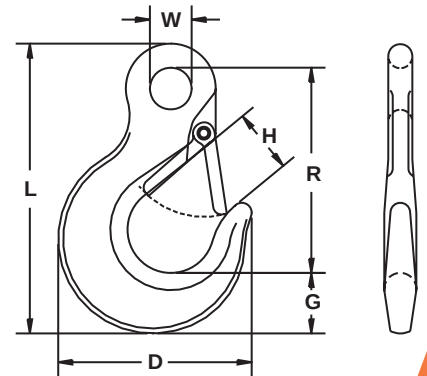


Size	Working Load Limit	Product Code (Red)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	66192	0.36	2.33	0.72	2.27	2.32	0.31	0.35
5/16	3,900	66292	0.42	2.72	0.77	4.13	2.56	0.38	0.63
3/8	5,400	66392	0.50	3.20	0.86	4.81	3.04	0.44	1.02
7/16	7,200	-	0.58	3.91	1.02	5.56	3.50	0.50	1.56
1/2	9,200	66592	0.61	4.16	1.12	6.31	4.15	0.55	2.27

G43 Eye Slip Hook with Latch (Zinc)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

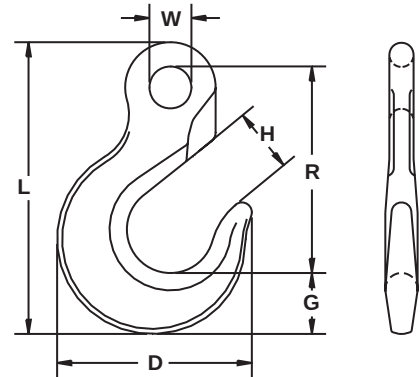


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	75143	0.53	2.47	0.73	3.69	2.61	0.81	0.38
5/16	3,900	75243	0.69	2.88	0.81	3.98	2.70	0.91	0.57
3/8	5,400	75343	0.75	3.25	0.87	4.56	3.17	1.13	0.83
1/2	9,200	75543	1.03	4.25	1.21	6.13	4.20	1.50	1.95

G43 Eye Slip Hook (Zinc)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

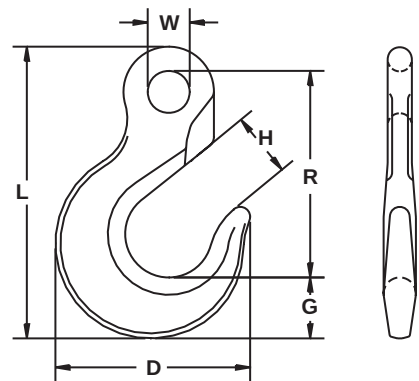


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	75193	0.53	2.47	0.81	3.69	2.61	0.81	0.38
5/16	3,900	75293	0.69	2.88	0.83	3.98	2.70	0.91	0.57
3/8	5,400	75393	0.75	3.25	0.92	4.56	3.17	1.13	0.83
7/16	7,200	75493	0.91	3.73	1.23	5.56	3.64	1.31	1.38
1/2	9,200	75593	1.03	4.25	1.30	6.13	4.20	1.50	1.95
5/8	13,000	75693	1.28	5.23	1.69	7.41	5.11	1.81	3.72
3/4	20,200	75793	1.36	6.28	1.98	8.88	6.00	2.34	3.72

G43 Eye Slip Hook (Red)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

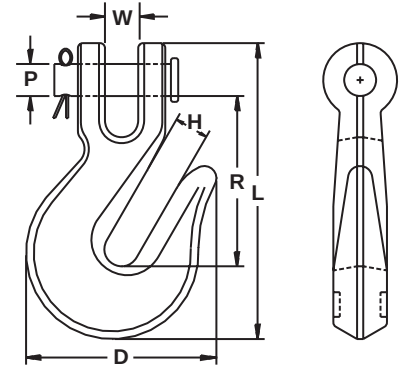


Size	Working Load Limit	Product Code (Red)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	75192	0.53	2.47	0.81	3.69	2.61	0.81	0.38
5/16	3,900	75292	0.69	2.88	0.83	3.98	2.70	0.91	0.57
3/8	5,400	75392	0.75	3.25	0.92	4.56	3.17	1.13	0.83
7/16	7,200	75492	0.91	3.73	1.23	5.56	3.64	1.31	1.38
1/2	9,200	75592	1.03	4.25	1.30	6.13	4.20	1.50	1.95
5/8	13,000	75692	1.28	5.23	1.69	7.41	5.11	1.81	3.72
3/4	20,200	75792	1.36	6.28	1.98	8.88	6.00	2.34	3.72

G43 Clevis Grab Hook (Zinc)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

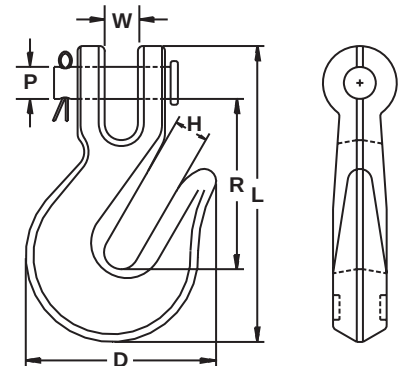


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	61193	0.36	2.05	0.36	3.00	1.57	0.31	0.37
5/16	3,900	61293	0.42	2.41	0.44	3.56	1.98	0.38	0.63
3/8	5,400	61393	0.50	2.94	0.52	4.20	2.23	0.44	1.10
7/16	7,200	61493	0.58	3.25	0.60	4.94	2.94	0.50	1.60
1/2	9,200	61593	0.66	3.70	0.67	5.20	2.93	0.55	2.42

G43 Clevis Grab Hook (Red)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

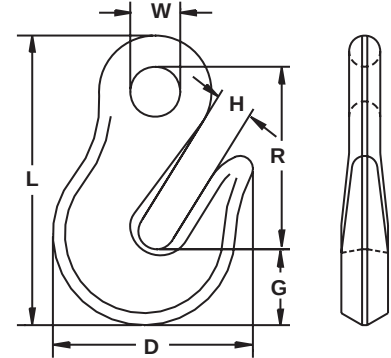


Size	Working Load Limit	Product Code (Red)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	61192	0.36	2.05	0.36	3.00	1.57	0.31	0.37
5/16	3,900	61292	0.42	2.41	0.44	3.56	1.98	0.38	0.63
3/8	5,400	61392	0.50	2.94	0.52	4.20	2.23	0.44	1.10
1/2	9,200	61592	0.66	3.70	0.67	5.20	2.93	0.55	1.60
5/8	13,000	61692	0.78	4.38	0.83	6.50	4.06	0.63	2.42

G43 Eye Grab Hook (Zinc)



- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting

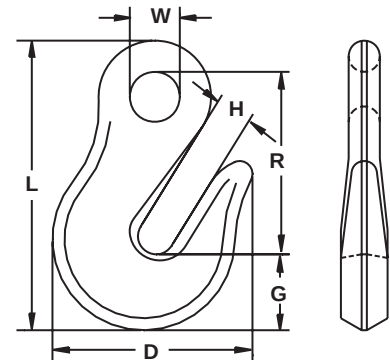


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	71193	0.50	1.94	0.36	2.85	1.59	0.81	0.30
5/16	3,900	71293	0.61	2.41	0.44	3.47	1.94	1.00	0.56
3/8	5,400	71393	0.72	2.86	0.55	4.13	2.33	1.13	0.87
7/16	7,200	71493	0.83	3.30	0.59	4.97	2.91	1.31	1.45
1/2	9,200	71593	0.94	3.69	0.67	5.38	3.03	1.50	2.17
5/8	13,000	71693	1.16	4.63	0.83	6.95	4.25	1.88	3.89
3/4	20,200	71793	1.38	5.50	0.98	8.28	4.75	2.28	6.12

G43 Eye Grab Hook (Red)



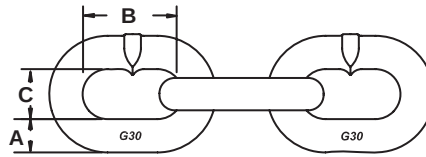
- Heat treated pins
- Hooks are heat treated and tempered
- Designs' ultimate strength equals 3 times working load limit, matching NACM specifications
- Hook embossed with trace code providing traceability through manufacturing and testing process to heat of steel
- Not to be used for overhead lifting



Size	Working Load Limit	Product Code (Red)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	2,600	71192	0.50	1.94	0.36	2.85	1.59	0.81	0.30
5/16	3,900	71292	0.61	2.41	0.44	3.47	1.94	1.00	0.56
3/8	5,400	71392	0.72	2.86	0.55	4.13	2.33	1.13	0.87
7/16	7,200	71492	0.83	3.30	0.59	4.97	2.91	1.31	1.45
1/2	9,200	71592	0.94	3.69	0.67	5.38	3.03	1.50	1.17
5/8	13,000	71692	1.16	4.63	0.83	6.95	4.25	1.88	3.89
3/4	20,200	71792	1.38	5.50	0.98	8.28	4.75	2.28	6.12

G30 Chain

Gr-30, commonly called Proof Coil, is manufactured to meet ASTM & NACM specifications. Typical uses include barrier chains, trailer safety chains, light construction, marine industry, etc. Gr-30 is available in a wide assortment of finishes and packaged configurations. "Gr-30 is not to be used for overhead lifting".

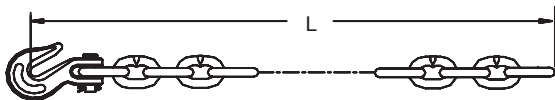


Chain Size	Working Load Limit	A	B	C	App. Weight	App. No of Links
Imperial						
in.	lb.	in.	in.	in.	lb.	per ft.
3/16	800	0.213	0.970	0.360	0.37	12.37
1/4	1,300	0.270	1.220	0.460	0.60	9.84
5/16	1,900	0.309	1.220	0.460	0.81	9.84
3/8	2,650	0.386	1.370	0.600	1.33	8.76
1/2	4,500	0.500	1.730	0.810	2.27	6.94
5/8	6,900	0.625	1.916	0.855	3.63	6.26
3/4	10,600	0.781	2.397	1.070	5.68	5.01

- Meets ASTM & NACM standards
- Available in a wide assortment of finishes including, Self Colored, Burnished, Zinc Plated, Galvanized, Powder Coated
- Permanent identification on chain
- 100% proof tested
- Available in drums, pails, multiple style of assemblies

	Self Colored Finish				Zinc Plated Finish						Hot Dipped Galvanized Finish					
Chain Size	Full Drum	Length	Half Drum	Length	Full Drum	Length	Half Drum	Length	Pail	Length	Full Drum	Length	Half Drum	Length	Pail	Length
Imperial																
in.	ft.		ft.		ft.		ft.		ft.		ft.		ft.		ft.	
3/16	671040	850	671094	500	671440	850	671494	500	671410	250	671340	850	671394	500	671310	250
1/4	671041	800	671091	400	671441	800	671491	400	671411	140	671341	800	671391	400	671311	140
5/16	671042	550	671092	275	671442	550	671492	275	671412	90	671342	550	671392	275	671312	90
3/8	671043	400	671093	200	671443	400	671493	200	671413	60	671343	400	671393	200	671313	60
1/2	671065	350	671045	200	-	-	671445	200	671415	40	671345	200	671395	100	671315	40
5/8	-	-	671046	150	-	-	-	-	-	-	671366	250	671346	150	-	-
3/4	671067	170	671047	100	-	-	-	-	-	-	671367	170	671347	100	-	-

G30 Hanger Chain



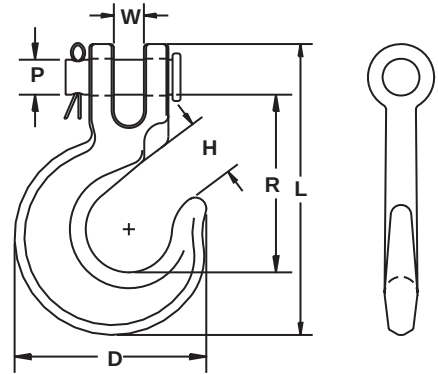
Chain Size	Working Load Limit	Product Code	L	Finish	Weight
Imperial					
in.	lb.		ft.		lb.
1/4	1,300	601710	3	Self Colored	2.10
1/4	1,300	631001	3' 6 "	Self Colored	2.40
1/4	1,300	601711	4	Self Colored	2.70
1/4	1,300	601712	5	Self Colored	3.00
1/4	1,300	601713	6	Self Colored	3.90
1/4	1,300	601714	7	Self Colored	4.50
1/4	1,300	601715	8	Self Colored	5.10
5/16	1,900	631012	6	Self Colored	5.60

Carbon Chain G30 Slip Hooks

G30 Clevis Slip Hook



- Designed to be used with grade 30 chain
- Heat treated pins
- Hooks are heat treated and tempered
- Hooks are embossed with chain grade, fraction size and country of origin (USA)
- Hooks embossed with a trace code
- Ultimate strength equals 3 times the working load limit, matching NACM specifications
- Not to be used for overhead lifting

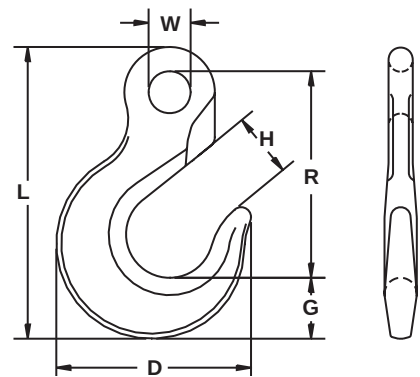


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	1,300	66191	0.36	2.33	0.72	2.27	2.32	0.31	0.35
5/16	1,900	66291	0.42	2.72	0.77	4.13	2.56	0.38	0.63
3/8	2,650	66391	0.50	3.20	0.86	4.81	3.04	0.44	1.02
1/2	4,500	66591	0.61	4.16	1.12	6.31	4.15	0.55	2.27

G30 Eye Slip Hook



- Designed to be used with grade 30 chain
- Heat treated pins
- Hooks are heat treated and tempered
- Hooks are embossed with chain grade, fraction size and country of origin (USA)
- Hooks embossed with a trace code
- Ultimate strength equals 3 times the working load limit, matching NACM specifications
- Not to be used for overhead lifting

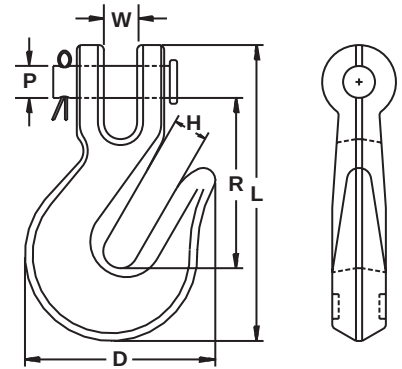


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
3/16-1/4	1,300	75191	0.53	2.47	0.81	3.69	2.61	0.81	0.38
5/16	1,900	75291	0.69	2.88	0.83	3.98	2.70	0.91	0.57
3/8	2,650	75391	0.75	3.25	0.92	4.56	3.17	1.13	0.83
7/16	3,700	75491	0.91	3.73	1.23	5.56	3.64	1.31	1.38
1/2	4,500	75591	1.03	4.25	1.30	6.13	4.20	1.50	1.95
5/8	6,900	75691	1.28	5.23	1.69	7.41	5.11	1.81	3.72

G30 Clevis Grab Hooks



- Designed to be used with grade 30 chain
- Heat treated pins
- Hooks are heat treated and tempered
- Hooks are embossed with chain grade, fraction size and country of origin (USA)
- Hooks embossed with a trace code
- Ultimate strength equals 3 times the working load limit, matching NACM specifications
- Not to be used for overhead lifting

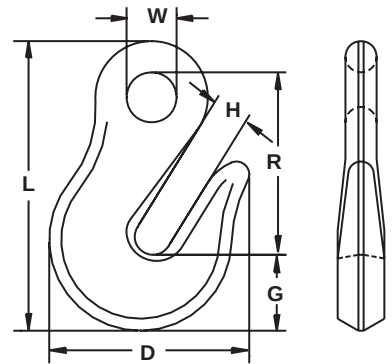


Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	P	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
1/4	1,300	61191	0.36	2.05	0.36	3.00	1.57	0.31	0.37
5/16	1,900	61291	0.42	2.41	0.44	3.56	1.98	0.38	0.63
3/8	2,650	61391	0.50	2.94	0.52	4.20	2.23	0.44	1.10
1/2	4,500	61591	0.66	3.70	0.67	5.20	2.93	0.55	2.42

G30 Eye Grab Hooks



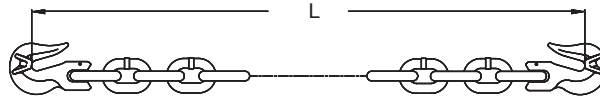
- Designed to be used with grade 30 chain
- Heat treated pins
- Hooks are heat treated and tempered
- Hooks are embossed with chain grade, fraction size and country of origin (USA)
- Hooks embossed with a trace code
- Ultimate strength equals 3 times the working load limit, matching NACM specifications
- Not to be used for overhead lifting



Size	Working Load Limit	Product Code (Zinc)	Dimensions						Weight
			W	D	H	L	R	G	
Imperial									
in.	lb.		in.	in.	in.	in.	in.	in.	lb.
3/16-1/4	1,300	71191	0.50	1.94	0.36	2.85	1.59	0.81	0.30
5/16	1,900	71291	0.61	2.41	0.44	3.47	1.94	1.00	0.50
3/8	2,650	71391	0.72	2.86	0.55	4.13	2.33	1.13	0.87
1/2	4,500	71591	0.94	3.69	0.67	5.38	3.03	1.50	2.17

For 7/16", 5/8" or 3/4" size use grade 43 Eye Grab Hook

G80 & G100 Heavy Duty Tiedowns



Chain Size	Chain Grade	Working Load Limit	Product Code	L	Finish	App. Weight
Imperial						
	in.	lb.		ft.		lb.
3/8	80	7,100	607037CL20	20	Black	31
3/8	80	7,100	607037CL25	25	Black	38
1/2	80	12,000	607050CL15	15	Black	42
1/2	80	12,000	607050CL20	20	Black	55
3/8	100	8,800	607337CL20	20	Gray	31
3/8	100	8,800	607337CL25	25	Gray	38



- Meets FMCSA, CVSA tiedown requirements
- Made from high quality alloy steel
- Permanent identification on chain and attachments
- Recommended chain for heavy equipment
- Made to order assemblies available in 3 days or less

⚠ WARNING ⚠

Death/injury can occur from improper use or maintenance of tie-down equipment.

To avoid injury:

- Inspect before use. Remove from service if cracked, worn, or deformed.
- Do not overload. Load binders develop approximate working load with hand effort.
- Do not use handle extender on load binder(s).
- Do not use binder components for overhead lifting.