



# RIGGING HARDWARE

CHAIN

CABLE

WIRE ROPE

HARDWARE



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**...since 1857**

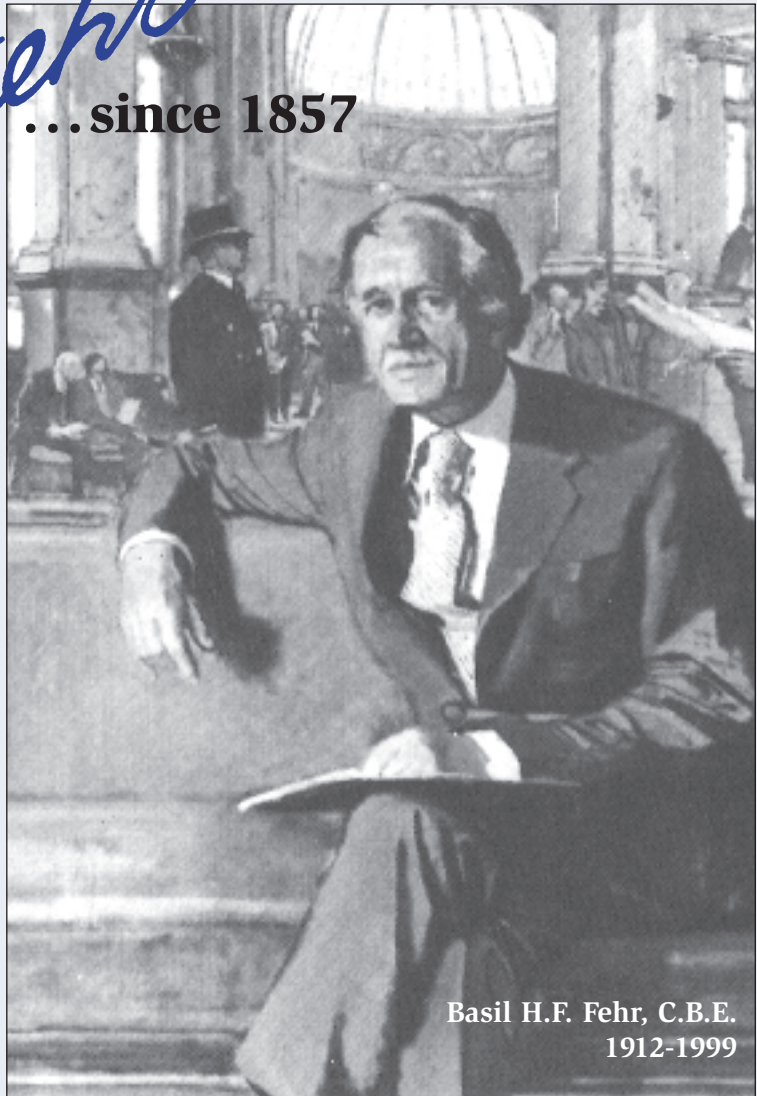
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Headquartered in Saugerties, New York, with offices in San Francisco, California and Shanghai, China, we offer immediate shipment of chain, cable, wire rope and a variety of related hardware under the Fehr trademark, a symbol of quality, reliability and service in many industries.

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## Warnings, Definitions and Cautions Governing the Purchase, Sale and Use of Chains, Wire Rope, Cable and Attachments

All products are sold subject to the following Warnings and Cautions and with the express understanding that the purchaser and/or user are thoroughly familiar with their proper use. Fehr Bros. Industries, Inc. assumes no responsibility for the use, misuse or misapplication of its products.

### WORKING LOAD LIMIT:

The Working Load Limit (WLL) is the maximum load which should ever be applied to the product under any condition. The Working Load Limit is based on a load being uniformly applied in a straight line pull.

### BREAKING STRENGTH:

Do NOT use Breaking Strength for design or rating purposes. Use Working Load Limit instead. Breaking Strength is an average figure at which samples have been found to break under laboratory conditions, in straight line pulls with constantly increasing loads. These conditions are rarely duplicated in actual use.

### SHOCK LOADS:

Loads which exceed the static load caused by rapid change of movement, such as jerking, impacting, or swinging of loads. Working Load Limits will not apply.

AVOID SHOCK LOADS.

### MATCHING COMPONENTS:

All attachments used with chain and wire rope must be of suitable material, type and strength to provide adequate safety protection. Attachments should have Working Load Limits at least equal to the other components with which they are used.

### INSPECTION:

No product can operate indefinitely at its rated capacity. Cable, Wire Rope, Chain and Attachments, must all be inspected regularly for visible damage, or distortion, elongation, corrosion, cracks, nicks, or abrasion which may cause failure or reduce the strength or ability of the products to perform safely.

### MARKING REQUIREMENTS:

U.S. Customs Law requires that the end user of imported products be informed of the country of origin. All imported products sold by Fehr Bros. are marked accordingly. Resellers are responsible to relay country of origin information to the end user.

### Icon Key

Throughout the catalog, the following icons will appear providing additional, important information relating to specific products.



Provides additional information for specific products.



Calls your attention to warnings specific to the adjacent products.



Details other choices for a particular product than those listed on the charts.



## Chain and Attachments

### **WARNING:**

Use only Grade 80 Alloy Chain for overhead lifting purposes or where failure is likely to cause damage to property or persons. Proof Coil, High Test, and Grade 70 Transport Chains are not to be used for overhead lifting. Eliminate all twists and kinks in chain before using. All dimensions are nominal and all weights are approximate.

### **INSPECTION:**

All chain and attachments should be inspected regularly for distortion, elongation, corrosion, wear, bent links, cracks, or nicks which can cause breakage or seriously reduce the strength and ability to perform safely.

### **MATCH COMPONENTS PROPERLY:**

Attachments should have Working Load Limits at least equal to the chain with which they are used. **AVOID SHOCK LOADS.**

## Winches

### **WARNING:**

Do not exceed the rated capacity of winches or other components. Winches are not to be used for lifting humans or loads overhead. Do not use winches to secure loads to a trailer; use appropriate tie-downs.

The rated winch capacity is based on one layer of line on the drum. As the line builds on the drum the capacity decreases.

Never fully extend the line under load. Keep out of the line of force of any load.

Maintain control of handle under load. Inspect and secure the handle regularly.

## Wire Rope, Aircraft Cable, and Attachments

### **WARNING:**

Aircraft Cables are not suitable for use in aircraft controls.

### **BREAKING STRENGTHS:**

Breaking Strengths apply only to new, unused Wire Rope and Aircraft Cable.

### **WORKING LOAD LIMIT:**

It is the responsibility of the ultimate user to determine a Working Load Limit for each application. Many factors should be considered: included among, but not limited to, loads applied, speed of operation, acceleration or deceleration, length of rope or cable, shock loads, abrasion, corrosion, number, size, condition and location of drums and sheaves, facilities for inspection, and the danger to life and property should a rope or cable break.

Wire Ropes and Cables must be stored, used, lubricated and maintained in accordance with normal safety standards; and must be properly designed, maintained, and operated. Inspect regularly. Do not kink, knot or crush.

### **INSPECTION:**

No product can operate indefinitely at its rated capacity. Wire Rope and Cable must be inspected regularly for any deterioration which may result in the loss of original strength. User must determine whether further use of the rope would constitute a safety hazard to life or property.

Lubricate operating ropes regularly.

Keep out from under any raised loads and keep out of the line of force of any load.

**AVOID SHOCK LOADS.**

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## TERMS AND CONDITIONS OF SALE

**PRICES:** Prices are subject to change without notice. Invoices will be based upon prices in effect at time of shipment.

**TERMS OF PAYMENT:** VISA, MasterCard and American Express accepted. Net Cash 10 days for approved accounts.

**MINIMUM INVOICE:** \$100.00, FOB Saugerties, NY.

**LATE CHARGE:** A late charge of 1.5% per month will be added to accounts over sixty (60) days from date of invoice.

**RETURNED CHECKS:** A \$30.00 fee will be charged for returned checks.

**SHIPPING TERMS:** All materials are shipped FOB Shipping Point, Freight Allowed and Prepaid on single shipments of \$1000 or more within the continental United States. All other shipments are FOB Shipping Point, Freight Collect. Fehr Bros. Industries, Inc. reserves the right to ship by carrier of our choice.

COD fees, redelivery charges, airfreight charges and all special handling charges are the responsibility of the customer.

**RETURNS:** Fehr Bros. wants you to be 100% satisfied with our products and service.

Merchandise in its original condition may be returned for credit within thirty (30) days of receipt of material.

Our Customer Service Department will provide a Return Material Authorization (RMA) form and number on request. Call 800-431-3095.

Affix the RMA number labels to the outer carton and return the form with the material, freight paid, to the warehouse indicated on the RMA instructions.

A restocking fee of 15% plus freight charges will apply. No freight collect or COD shipments will be accepted. Unauthorized shipments will be returned at the customer's expense.

Special order material and material cut to custom specifications are not returnable.

**WARRANTY:** Fehr Bros. Industries, Inc. warrants its products against defective materials and workmanship at time of shipment. Damage in transit is the responsibility of the carrier. Claims are subject to inspection by our authorized representative, and liability is limited to replacement of material or refund of the purchase price. We cannot be responsible for labor charges and consequential damages.

## To Place Your Order...

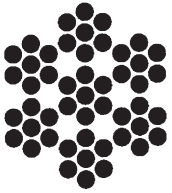
**For your convenience, we have provided a number of ways for you to order from us:**



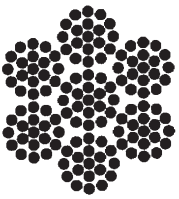
- By Phone: 800-431-3095 or 845-246-9525
- By Fax: 845-246-3330 or 845-247-8300
- By e-mail: [orders@fehr.com](mailto:orders@fehr.com)

Please feel free to copy the **Fax Order Form** shown on the opposite page to fax your order to us, or to assist you in compiling your order for phone or e-mail.

## Galvanized Aircraft Cable



Flexible 7 x 7



Extra Flexible 7 x 19

Part #	Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft (lbs)
2G1062	1/16"	1 x 7	500	8
2G7062	1/16"	7 x 7	480	8
2G7093	3/32"	7 x 7	920	16
2G7125	1/8"	7 x 7	1,700	28
2G7156	5/32"	7 x 7	2,600	43
2G7187	3/16"	7 x 7	3,700	64
2G7250	1/4"	7 x 7	7,000	110
2G9093	3/32"	7 x 19	1,050	16
2G9125	1/8"	7 x 19	2,000	29
2G9156	5/32"	7 x 19	2,800	45
2G9187	3/16"	7 x 19	4,200	65
2G9250	1/4"	7 x 19	7,000	110
2G9312	5/16"	7 x 19	9,800	173
2G9375	3/8"	7 x 19	14,400	243



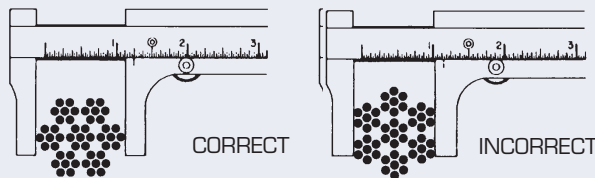
- Refer to Warnings and Cautions regarding Wire Rope and Aircraft Cable prior to use.
- Aircraft cables are not suitable for use in aircraft controls.



- Standard reels: 250', 500', 1000', 5000
- Custom Lengths available on request.
- Test Certificates available on request.

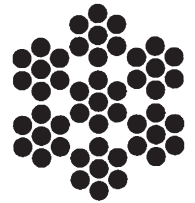
### Product Information

#### How to Measure Cable Diameter

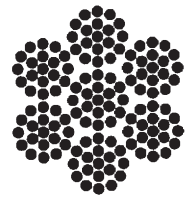


## Type 304 Stainless Steel Aircraft Cable

Part #	Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2S7062	1/16"	7 x 7	480	8
2S7093	3/32"	7 x 7	920	16
2S7125	1/8"	7 x 7	1,700	28
2S7187	3/16"	7 x 7	3,700	63
2S9125	1/8"	7 x 19	1,760	29
2S9187	3/16"	7 x 19	3,700	63
2S9250	1/4"	7 x 19	6,400	110
2S9312	5/16"	7 x 19	9,000	173
2S9375	3/8"	7 x 19	12,000	243



7 x 7



7 x 19



- Refer to Warnings and Cautions regarding Wire Rope and Aircraft Cable prior to use.
- Aircraft cables are not suitable for use in aircraft controls.



- Standard reels: 250', 500', 1000', 5000
- Custom Lengths available on request.
- Test Certificates available on request.

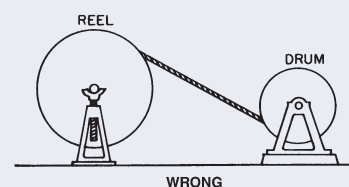
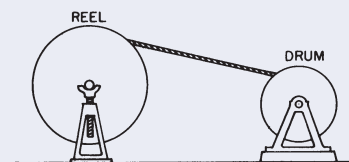
## Type 316 Stainless Steel Aircraft Cable

Part #	Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2T9125	1/8"	7 x 19	1,530	29
2T9187	3/16"	7 x 19	3,210	65
2T9250	1/4"	7 x 19	5,600	110
2T9312	5/16"	7 x 19	8,200	173
2T9375	3/8"	7 x 19	11,000	243

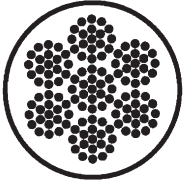
### Product Information

#### The Proper Way to Wind Cable and Wire Rope

When re-reeling wire rope from a horizontally supported reel to a drum, it is preferable for the rope to travel from the top of the reel to the top of the drum; or, from the bottom of the reel to the bottom of the drum.



## Clear Vinyl Coated Galvanized Aircraft Cable

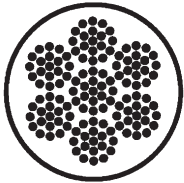


Part #	Cable Diameter	Finished Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2V7062-093	1/16"	3/32"	7 x 7	480	12
2V7093-187	3/32"	3/16"	7 x 7	920	28
2V7125-187	1/8"	3/16"	7 x 7	1,700	44
2V9187-250	3/16"	1/4"	7 x 19	4,200	88
2V9250-312	1/4"	5/16"	7 x 19	7,000	135
2V9312-375	5/16"	3/8"	7 x 19	9,800	224



*Options* • Colored vinyl available by special order.

## Nylon Coated Galvanized Aircraft Cable

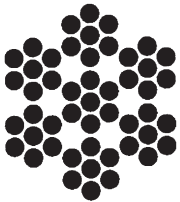


Part #	Cable Diameter	Finished Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2N9125-187	1/8"	3/16"	7 x 19	2,000	42
2N9187-250	3/16"	1/4"	7 x 19	4,200	79



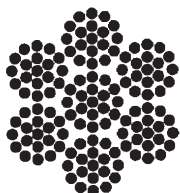
*Options* • Available in Clear Nylon and Black Nylon.  
• Additional Colors available by special order.

## Black Galvanized Aircraft Cable



7 x 7

Part #	Cable Diameter	Finished Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2G7B062	1/16"	7 x 7	8	480	480
2G9B125	1/8"	7 x 19	29	2,000	2,000
2G9B187	3/16"	7 x 19	65	4,200	4,200
2G9B250	1/4"	7 x 19	110	7,000	7,000



7 x 19



*Safety Alert* • Measure cable diameter accurately.

## Product Information

- Constructed of 1/8" 7x7 Aircraft Cable, 30 inches in length.
- 5/16" No. 2450 Snap Hook at one end and a plain loop at the other end.

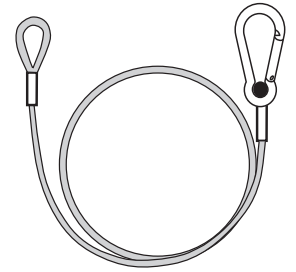
## Options

- Custom assemblies available by request.



- Use restraint cables on all lighting fixtures.

Part #	Finish
39312-30	Galvanized
39312-30B	Black



## Garage Door Cable Assemblies - Galvanized Cable



Torsion Thimble Loop

### Torsion Assemblies

Plain Loop Part #	Thimble Loop Part #	Size	Type
36601-102	36701-102	3/32 x 8 ft. 6 in.	7 x 7
36601-114	36701-114	3/32 x 9 ft. 6 in.	7 x 7
36602-102	36702-102	1/8 x 8 ft. 6 in.	7 x 7
36602-104	36702-104	1/8 x 8 ft. 8 in.	7 x 7
36602-114	36702-114	1/8 x 9 ft. 6 in.	7 x 7
36612-104	36712-104	1/8 x 8 ft. 8 in.	7 x 19
36612-126	36712-126	1/8 x 10 ft. 6 in.	7 x 19

### Extension Assemblies

Plain Loop Part #	Thimble Loop Part #	Size	Type
36001-144	36101-144	3/32 x 12 ft.	7 x 7
36001-156	36101-156	3/32 x 13 ft.	7 x 7
36001-168	36101-168	3/32 x 14 ft.	7 x 7
36002-144	36102-144	1/8 x 12 ft.	7 x 7
36012-144	36112-144	1/8 x 12 ft.	7 x 19
36012-168	36112-168	1/8 x 14 ft.	7 x 19
36013-144	36113-144	5/32 x 12 ft.	7 x 19



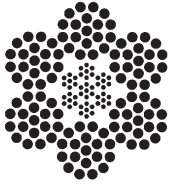
Extension Thimble Loop

## Custom Cable Assemblies

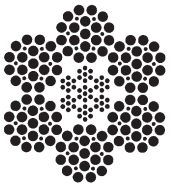
Custom cable assemblies are manufactured from Galvanized and Stainless Steel Cable to your specifications

- Sizes: 1/16-3/8 inch diameter.
- Automatic fuse cutting ensures accurate length measurements and sealed cable ends.
- Swage fittings are available in Aluminum, Copper, Zinc Plated Copper and Stainless Steel.
- Wire Rope assemblies from 3/8 -1 inch diameter.

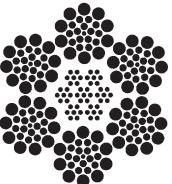
## Bright Steel Center Wire Rope



6 x 19



6 x 25



6 x 26



6 x 37

Diameter	Part #	IPS Breaking Strength (lbs)	Breaking Strength
<b>6 x 19 IWRC IPS RRL</b>			
1/4"	BW19S250	5,880	12
5/16"	BW19S312	9,160	18
3/8"	BW19S375	13,120	26
<b>6 x 25 IWRC IPS RRL</b>			
1/2"	BW25S500	23,000	46
9/16"	BW25S562	29,000	59
5/8"	BW25S625	35,800	72
3/4"	BW25S750	51,200	104
7/8"	BW25S875	69,200	142
1"	BW25S100	87,600	185
<b>6 x 26 WS IWRC IPS RRL</b>			
1/2"	BW26S500	23,000	46
5/8"	BW26S625	35,800	72
3/4"	BW26S750	51,200	104
<b>6 x 37 IWRC IPS RRL</b>			
3/8"	BW37S375	13,120	26
1/2"	BW37S500	23,000	46
5/8"	BW37S625	35,800	72
3/4"	BW37S750	51,200	104



- Inspect regularly for visible damage, distortion, elongation, corrosion, cracks, nicks or abrasion, which may cause failure or reduce the strength of wire rope.
- Wire Ropes and Cables must be stored, used, lubricated and maintained in accordance with normal safety standards.

## Rope & Cable Meter

Model	Part #	Capacity	Wt (lbs)
No.1410	TM1410	1/64"-1"	5



- Measures feet and inches to 9,999 ft.
- Maximum speed: 1000 ft/minute.
- Metric Model Available.



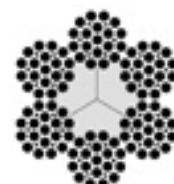


## Bright Fiber Core Wire Rope

Diameter	Part #	IPS Breaking Strength (lbs)	Wt./100 ft. (lbs)
<b>6 x 19 FC IPS RRL</b>			
3/16"	BW19F187	3,100	6
1/4"	BW19F250	5,480	11
5/16"	BW19F312	8,520	16
3/8"	BW19F375	12,200	24
<b>6 x 25 FC IPS RRL</b>			
1/2"	BW25F500	21,400	42
5/8"	BW25F625	33,400	66
3/4"	BW25F750	47,600	95
<b>6 x 37 FC IPS RRL</b>			
5/16"	BW37F312	8,520	16
3/8"	BW37F375	12,200	24
1/2"	BW37F500	21,400	42



6 x 19

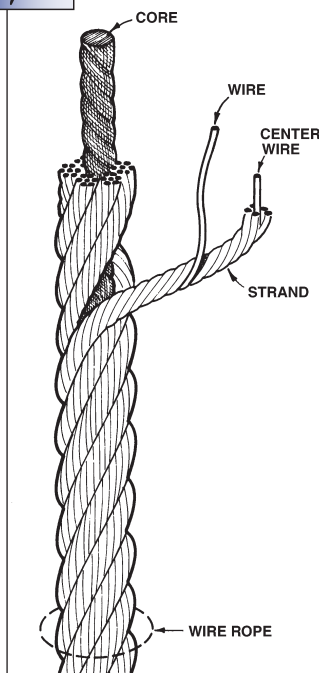


6 x 25



6 x 37

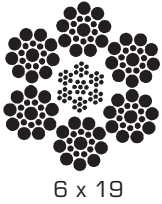
### Product Information



## Components of Cable and Wire Rope

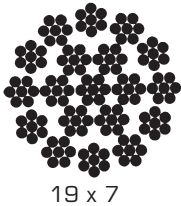
- Core can be made of steel, natural or synthetic fibers.
- The number of wires and strands determine the operating characteristics of a wire rope.

### Galvanized Wire Rope 6 x 19 Class



Part #	Diameter	Breaking Strength (lbs)	Wt.(lbs)/100 ft.
<b>IWRC (IPS) RRL</b>			
GW25S500	1/2"	20,700	46
GW25S625	5/8"	32,200	72
GW25S750	3/4"	46,000	104

### 19 x 7 Rotation Resistant Bright Wire Rope

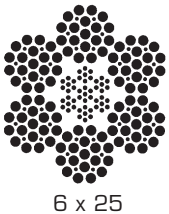


Part #	Diameter	Breaking Strength (lbs)	Wt.(lbs)/100 ft.
BW19N375	3/8"	11,180	25
BW19N500	1/2"	19,700	45
BW19N625	5/8"	30,600	72
BW19N750	3/4"	43,600	102

**Product Information**

- The construction of this wire rope reduces rotation under load.

### Stainless Steel Wire Rope Type 304



Part #	Diameter	Breaking Strength (lbs)	Wt.(lbs)/100 ft.
<b>6 x 19 Class IWRC</b>			
SW19S500	1/2"	22,800	46
SW25S625	5/8"	35,000	72
SW25S750	3/4"	49,600	104



- Load Rating is the maximum working load which should ever be applied to the product under any condition. The Working Load Limit is based on a load being uniformly applied in a straight line pull.
- Inspect regularly. Replace if nicked, worn or damaged.
- Avoid shock loads.

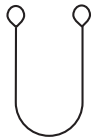
## Steel Slings - Thimble Eye

Part #	Size	Rated Capacity (lbs)		Wt/Ea (lbs)
		Vertical	Basket	
<b>7 x 19 Galvanized Aircraft Cable Slings</b>				
TCS375x1.5	3/8" x 1-1/2 ft.	2,400	4,800	1.23
TCS375x05	3/8" x 5 ft.	2,400	4,800	1.70
TCS375x10	3/8" x 10 ft.	2,400	4,800	2.91
TCS375x20	3/8" x 20 ft.	2,400	4,800	5.34
<b>6 x 19 IWRC Galvanized Wire Rope Slings</b>				
TCS500x05	1/2" x 5 ft.	4,140	8,280	3.82
TCS500x10	1/2" x 10 ft.	4,140	8,280	6.20

Vertical



Basket

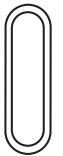


- Do not exceed rated capacities.
- Rated capacity is reduced when applying angular loads.

## Nylon Tuflex™ Roundslings Black

Part #	Description	Length (Ft)	Rated Capacity (lbs)			Wt/Ea (lbs)
			Vertical	Choker	Basket	
NSE30x03B	EN30	3	2,600	2,100	5,300	.60
NSE30x04B		4	2,600	2,100	5,300	.80
NSE30x06B		6	2,600	2,100	5,300	1.20
NSE30x08B		8	2,600	2,100	5,300	1.60
NSE30x09B		9	2,600	2,100	5,300	1.80
NSE60x1.5B	EN60	1.5	5,300	4,200	10,600	.59
NSE60x03B		3	5,300	4,200	10,600	.90
NSE60x04B		4	5,300	4,200	10,600	1.20
NSE60x06B		6	5,300	4,200	10,600	1.80
NSE60x08B		8	5,300	4,200	10,600	2.40
NSE60x09B		9	5,300	4,200	10,600	2.70

Vertical



Choker



- Avoid sharp edges.
- Do not expose to temperatures above 200° F.
- Inspect before each use and discard when red striped white core yarns appear.
- Do not exceed rated capacity.

## Steelflex Round Slings

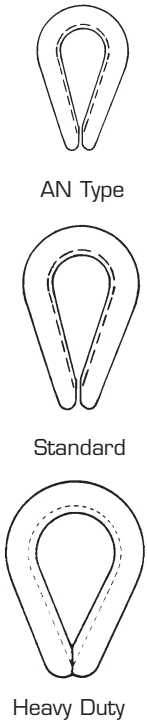
Part #	Part #	Length	Rated Capacity (lbs)			Wt/Ea (lbs)
			Vertical	Choker	Basket	
NSE60x03B-GAC	EN60	3 Feet	5,300	4,200	10,600	2.4
NSE60x06B-GAC	EN60	6 Feet	5,300	4,200	10,600	4.4
NSE60x09B-GAC	EN60	9 Feet	5,300	4,200	10,600	6.5

Basket



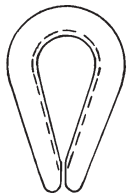
- Black double wall Polyester jacket.
- Unique Inspection window.
- Galvanized Aircraft Cable Core.
- 400° F Temperature Rating.

**Thimbles**



Size	AN Type Zinc Plated		Standard Duty Zinc Plated		Heavy Duty Hot Galvanized	
	Part # TAN _ _ _		Part # TSD _ _ _		Part # THD _ _ _	
	Pcs/Pk	Wt/100 pcs (lbs)	Pcs/Pk	Wt/100 pcs (lbs)	Pcs/Pk	Wt/100 pcs (lbs)
1/16"	100	.15				
3/32"	100	.46				
1/8"	100	.46	100	3.0		
3/16"	100	.98	100	3.2		
1/4"	100	1.8	100	3.8	100	6.2
5/16"	100	4.0	100	4.4	100	11.5
3/8"	100	6.5	100	6.5	50	14.2
1/2"			10	12.5	50	57.0
5/8"			10	33.0	10	70.0
3/4"			10	52.5	10	151.0
7/8"					1	176.0
1"			1	94.0	1	253.0

**Stainless Steel Thimbles Type 304**



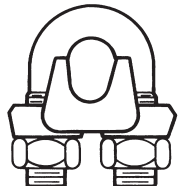
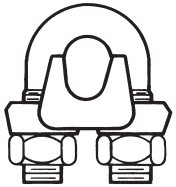
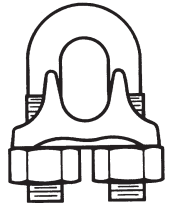
Size	AN Type		Standard Duty		Heavy Duty	
	Part # STAN _ _ _		Part # STH _ _ _ SD		Part # STH _ _ _ HD	
	Pcs/Pk	Wt/(lbs) Pk	Pcs/Pk	Wt/(lbs) Pk	Pcs/Pk	Wt/(lbs) Pk
1/16"	1	.002				
1/8"	1	.005	1	.005		
5/32"	1	.009	1	.007		
3/16"	1	.010	1	.015		
1/4"			1	.025	1	.093
5/16"			1	.032	1	.110
3/8"			1	.062	1	.220
1/2"			1	.093	1	.250
5/8"			1	.190	1	.680
3/4"				.320	1	



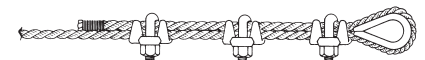
• Match thimble size to cable diameter.

## Wire Rope Clips

	Part#	Size	Min# Clips Required	Shelf Packed		Bulk Packed	
				Pcs./Pack	Wt (lbs)/Pack	Pcs./Bag	Wt (lbs)/Bag
<b>Malleable Galvanized</b>	WRCG062	1/16"	3	100	2.2	3,000	66
	WRCG125	1/8"	3	100	3.6	2,500	90
	WRCG187	3/16"	3	100	6.4	1,500	96
	WRCG250	1/4"	3	100	12	800	96
	WRCG312	5/16"	3	100	14	600	84
	WRCG375	3/8"	3	100	22	500	110
	WRCG437	7/16"	4	100	24	300	72
	WRCG500	1/2"	4	100	38	200	75
	WRCG625	5/8"	4	50	30	100	60
	WRCG750	3/4"	5	25	20	50	40
	WRCG875	7/8"	5	25	32	50	64
	WRCG100	1"	6	25	37	50	74
<b>Drop Forged Galvanized</b>	WRCDF125	1/8"	2	10	1		
	WRCDF187	3/16"	2	10	1.5		
	WRCDF250	1/4"	2	10	2		
	WRCDF312	5/16"	2	10	3		
	WRCDF375	3/8"	2	10	5		
	WRCDF437	7/16"	2	10	7		
	WRCDF500	1/2"	3	10	7.5		
	WRCDF625	5/8"	3	10	10		
	WRCDF750	3/4"	4	10	15		
	WRCDF875	7/8"	4	10	22		
	WRCDF100	1"	5	10	25		
<b>Precision Cast Stainless Steel Type 304</b>	SWRC062	2	1/16"	3	.02		
	SWRC125	4	1/8"	3	.04		
	SWRC187	5	3/16"	3	.08		
	SWRC250	6	1/4"	3	.09		
	SWRC312	8	5/16"	3	.18		
	SWRC375	10	3/8"	3	.34		
	SWRC500	12	1/2"	4	.51		
	SWRC625	16	5/8"	4	.87		
	SWRC750	20	3/4"	5	1.06		



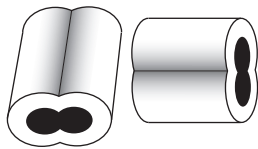
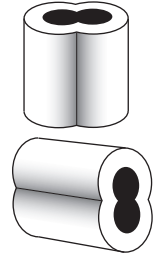
- **Stainless Steel Drop Forged Clips available on Page 53.**



- Apply wire rope clips correctly. U-bolt should be on end of rope.
- Re-tighten clips after initial load.
- Refer to chart for minimum number of clips required for each size.

Swage Fittings

Cable Size(in)	Aluminum Sleeves		Stainless Steel Sleeves	
	Part Number	Wt(lbs)/ 100 pcs.	Part Number	Wt(lbs)/ 100 pcs.
1/16"	ASL062	.10	SSL062	.25
3/32"	ASL093	.32		
1/8"	ASL125	.66	SSL125	.64
5/32"	ASL156	.80		
3/16"	ASL187	1.50	SSL187	2.50
1/4"	ASL250	2.50	SSL250	4.25
5/16"	ASL312	4.40		
3/8"	ASL375	5.80		
1/2"	ASL500	18.00		



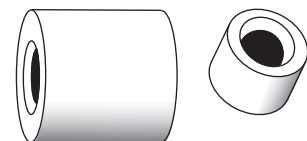
- Sleeves, when properly applied, are capable of holding the rated breaking strength of the cable.

Copper Sleeves		Zinc Plated Copper Sleeves	
Part Number	Wt(lbs)/ 100 pcs.	Part Number	Wt(lbs)/ 100 pcs.
CSL062	.27	ZPCSL062	.27
CSL093	.68	ZPCSL093	.75
CSL125	1.70	ZPCSL125	1.75
CSL187	5.20	ZPCSL187	5.22
CSL250	7.90	ZPCSL250	8.00
CSL312	11.80	ZPCSL312	14.00
CSL375	15.80	ZPCSL375	17.60
CSL500	40.00		

Cable Size(in)	Aluminum Stops		Copper Stops	
	Part Number	Wt(lbs)/ 100 pcs.	Part Number	Wt(lbs)/ 100 pcs.
1/16"	AST062	.10	CST062	.27
3/32"	AST093	.23	CST093	.78
1/8"	AST125	.21	CST125	.70
5/32"	AST156	.35	CST156	1.10
3/16"	AST187	.37	CST187	1.20
1/4"	AST250	2.10	CST250	6.20
5/16"			CST312	7.00
3/8"			CST375	7.50



- Stops, when properly applied, are capable of holding only 1/3 to 1/2 of the rated breaking strength of the cable to which they are attached.



## Cable and Wire Rope Cutters

Model	Part #	Capacity	Length (Ins)	Wt (lbs)
Felco C-7	TFC7	1/64"-3/16"	8	.75
Felco C-9	TFC9	1/8"-1/4"	13	1.90
Felco C-12	TFC12	1/8"-3/8"	23	4.75
Felco C-16	TFC16	1/8"-5/8"	23	6.00
RC-8	TRC8	1/64"-3/16"	8	.75
RC-450	TRC450	1/8"-3/8"	18	3.60
RC-800	TRC800	1/8"-5/8"	32	9.10



Felco C-7/RC-8



Felco C-9/C-12/C-16



RC-450/RC-800

Part #	Capacity	Length	Wt (lbs)
TSW031-062	1/32"-1/16"	9"	.75
1SC (Hand) USA	1/16"-3/16"	26"	6.5
1BSC (Bench) USA	1/16"-3/16"	22.5"	6.6
THSC600 (Hand)	1/16"-3/16"	26"	5.5
THSC600B (Bench)	1/16"-3/16"	22.5"	5.6
L-250 (Hand)	1/4"	28"	5.5
TGA-1P	Go/No-Go Gauge for 1SC and 1BSC Tools		
TGA-2P	Go/No-Go Gauge for L250 Tool		

## Swaging Tools



1SC Hand-Held Model  
L-250 Hand-Held Model  
THSC 600 Hand-Held Model



1BSC Bench Model  
THSC 600B Bench Model



- Go/No-Go Gauges confirm full compression of sleeves and stops, the critical final step of the swaging process. Purchase additional gauges for convenience and insist on their use every time.

## Swaging Tool Kit

### Complete Swaging Tool Kit contains:

- No. 1SC Swaging Tool.
- Go/No-Go Gauge.
- Metal Carrying Case.
- C-7 Cutting Tool.
- Aluminum or Copper Sleeves: 1/16, 3/32, 1/8, 5/32, 3/16 in 100 pc bags.
- Aluminum or Copper Button Stops: 3/32, 1/8 in 100 pc bags.

Code	Description	Wt
1SCKit	Swage Kit-Aluminum Fittings	22.5
1SCKit-Copper	Swage Kit-Copper Fittings	32.0

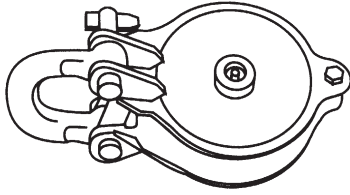


- Available with Aluminum fittings or Copper fittings.



- Follow swaging instructions provided with tools.
- Check fitting compression with Go/No-Go Gauge.
- Adjust tool for proper compression.

## Galvanized Snatch Blocks with Grease Fittings



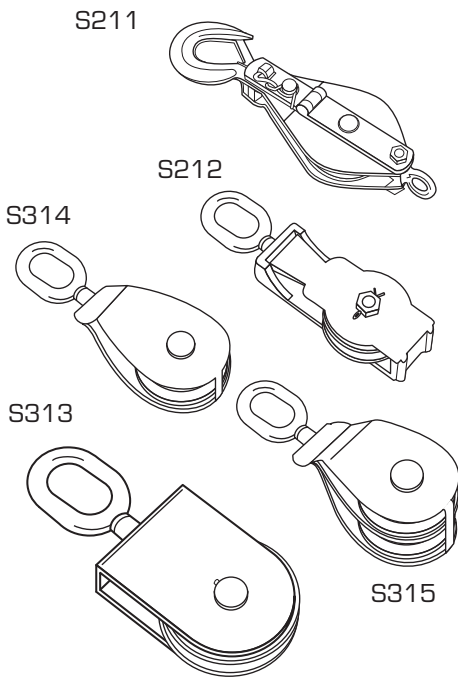
Part #	Working Load Limit (tons)	Sheave Dia.(ins)	Net Wt. (lbs)
YB3	1.5	3	3.6
YB4	3.0	4	5.8
YB5	4.5	5	9.0
YB6	6.0	6	15.0

## Hay Block Hot Galvanized - Swivel eye



Part #	Sheave Size (ins)	WLL (tons)	Wt./Ea
HB4	4	1	6.6

## Stainless Steel Blocks Type 305



Part #	Sheave Dia. (mm)	Net Wt. (lbs)
<b>Snatch Block, Single Sheave, Eye Head</b>		
S210-75	75	2.25
S210-100	100	4.10
<b>Snatch Block, Single Sheave with Side Latch, Hook Top/Bottom Eye</b>		
S211-75	75	2.50
S211-100	100	4.30
<b>Open Block, Single Sheave with Latch - Swivel eye</b>		
S212-75	75	3.20
<b>Square Block, Single Sheave - Swivel eye</b>		
S313-50	50	.97
S313-75	75	2.10
S313-100	100	3.50
<b>Round Block, Single Sheave - Swivel eye</b>		
S314-25	25	.27
S314-32	32	.37
S314-50	50	.88
<b>Round Block, Double Sheave - Swivel eye</b>		
S315-32	32	.56
S315-50	50	1.36



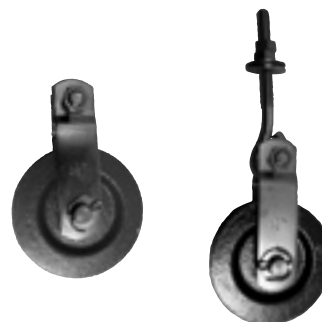
## Type 305 Stainless Steel Sheaves



Part #	Sheave Dia. (mm)	Bore Dia. (mm)	Wt/Ea (lbs)
SSHV50	50	10	.31
SSHV75	75	13	.63
SSHV100	100	17	1.22

## Cast Iron Pulleys

Part #	Size	Pcs/Pack	Wt (lbs)/Ctn
PUL-4500 (w/o eyebolt)	3-1/2"	25	30
PUL-3500 (with eyebolt)	3-1/2"	25	38



## Needle Bearing Pulleys

Part #	Size	Pcs/Pack	Wt (lbs)/Carton
PUL-4500WNB	3-1/2"	25	58

## Plastic Pulleys

Part #	Size	Pcs/Pack	Wt (lbs)/Carton
PUL-2500	3-1/2"	50	19

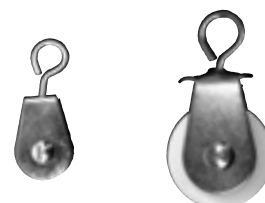


## Split Bracket Pulleys

Part #	Size	Pcs/Pack	Wt (lbs)/Carton
SPUL-1500 (cast iron)	1-1/2"	250	35
SPUL-2500 (cast iron)	2-1/2"	100	64
SPUL-2500LS (cast iron)	2-1/2"	100	66
NP1500-SB (nylon)	1-7/8"	200	30

## Nylon Pulleys

Part #	Size	Pcs/Pack	Wt (lbs)/Carton
NPUL-0750	3/4"	500	25
NPUL-1750	1-3/4"	200	26



## Ratchet Winches

Part #	Type	Capacity (lbs)	Pcs/Master Ctn	Wt (lbs)/Ea
RW800	Ratchet Winch	800	12	4.0
RW1000	Ratchet Winch	1,000	8	6.0
RW1000LH	Ratchet Winch 2" Hub	1,000	8	6.0
RW1200	Ratchet Winch	1,200	8	6.2
RW1200LH	Ratchet Winch 2" Hub	1,200	8	6.2
RW1400	Ratchet Winch	1,400	8	6.6
RW2000	Ratchet Winch	2,000	4	12.5
RW2500	Ratchet Winch	2,500	4	14.7



- Do not exceed Rated Capacity.
- Not for lifting humans or loads overhead.
- Not to be used to secure loads to trailers. Use appropriate tie-downs.
- Capacity Rating is based on one layer of line on the drum. As line on the drum builds, the capacity decreases.
- Never fully extend line while under load.
- Maintain control of handle under load. Inspect and secure winch handle regularly.





## Worm Gear Winches

Part #	Type	Capacity (lbs)	Pcs/Master Ctn	Wt (lbs)/Ea
WGW1500A	Single Drum	1,500	6	8.8
WGW1500AB	Double Drum	1,500	6	8.9
WGW2000A	Single Drum	2,000	6	9.0
WGW2000AB	Double Drum	2,000	6	9.2

## Winch Cables

Part #	Diameter/Length	Breaking Strength	Wt (lbs)/Ea
39714-25	3/16" x 25 ft.	4,200	2.1
39714-50	3/16" x 50 ft.	4,200	3.7
39715-25	7/32" x 25 ft.	5,600	2.6
39715-50	7/32" x 50 ft.	5,600	4.7

### Product Information

- Winch cables are constructed of 7 x 19 Galvanized Aircraft Cable with EG Cast Winchline Snap Hook listed below.



- Refer to Warnings and Cautions regarding Working Load Limits for Wire Rope, Aircraft Cable and Attachments on page 6 prior to use.

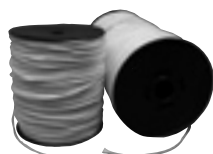
## Zinc Plated Winchline Hook

Part #	Description	Breaking Strength	Wt (lbs)/Ea
EH550	No. 550 Winchline Hook	8,000	.48



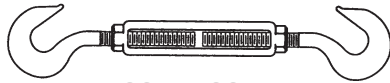
- Refer to Warnings and Cautions regarding Working Load Limits for Wire Rope, Aircraft Cable and Attachments on page 6 prior to use.
- Match components! All attachments used with chain, cable and wire rope must be of suitable material, type and strength to provide adequate safety protection.

## Nylon Rope

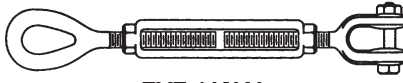


Part #	Diameter/Length	Wt (lbs)/Ea
NR4x1000	1/8" x 1,000 ft.	4.5
NR6x1000	3/16" x 1,000 ft.	11.5

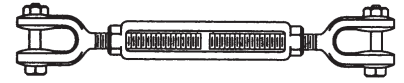
## Turnbuckles, Drop Forged, Hot Galvanized



HOOK/HOOK



EYE/JAW



JAW/JAW



EYE/EYE



HOOK/EYE

Part #	Size x Take-Up	WLL (lbs)		approx Wt (lbs)/ Ea
		Hook/Hook Hook/Eye	Eye/Eye Jaw/Eye Jaw/Jaw	
9_ _250x04	1/4" x 4"	400	500	.30
9_ _312x04	5/16" x 4-1/2"	700	800	.53
9_ _375x06	3/8" x 6"	1,000	1,200	.75
9_ _500x06	1/2" x 6"	1,500	2,200	1.50
9_ _500x09	1/2" x 9"	1,500	2,200	1.75
9_ _500x12	1/2" x 12"	1,500	2,200	1.80
9_ _625x06	5/8" x 6"	2,250	3,500	2.63
9_ _625x09	5/8" x 9"	2,250	3,500	3.00
9_ _625x12	5/8" x 12"	2,250	3,500	3.25
9_ _750x06	3/4" x 6"	3,000	5,200	3.75
9_ _750x09	3/4" x 9"	3,000	5,200	4.50
9_ _750x12	3/4" x 12"	3,000	5,200	5.75
9_ _750x18	3/4" x 18"	3,000	5,200	7.00
9_ _875x12	7/8" x 12"	4,000	7,200	8.38
9_ _875x18	7/8" x 18"	4,000	7,200	10.25
9_ _100x12	1" x 12"	5,000	10,000	11.25



- Eye ends and Jaw ends have a significantly higher WLL than open Hook ends. Select size based on desired WLL.
- Inspect fittings before use. If worn, distorted or damaged, discard and replace.

# Wire Rope Accessories and Turnbuckles

## Type 316 Stainless Steel Turnbuckles

Part #	Size x Take-Up	WLL	approx. Wt (lbs)/Ea
S9_ _ 375x06	3/8" x 6"	1,200	.77
S9_ _ 500x06	1/2" x 6"	2,200	1.60
S9_ _ 625x06	5/8" x 6"	3,500	2.40
S9_ _ 750x06	3/4" x 6"	5,200	4.25



EYE/EYE



JAW/JAW

## Self Colored Stub End Turnbuckles

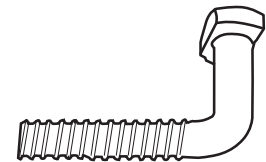
Part #	Size x Take-Up	WLL	Wt (lbs)/Ea
9SS375x06	3/8" x 6"	1,200	.70
9SS500x06	1/2" x 6"	2,200	1.40
9SS625x06	5/8" x 6"	3,500	2.00
9SS750x06	3/4" x 6"	5,200	3.30
9SS875x06	7/8" x 6"	7,200	4.50
9SS100x06	1" x 6"	10,000	6.33



- Select size based on desired WLL.
- Inspect fittings before use. If worn, distorted or damaged, discard and replace.

## Yellow Zinc Chromate J Bolts

Part #	Size/Thread	Pcs/Pk	Wt (lbs)
J-BOLTS	1/2 - 13	100	.24



## Yellow Zinc Chromate Loop Nuts

Part #	Size/Thread	Pcs/Pk	Wt (lbs)
LOOPNUTS	1/2 - 13	100	.20



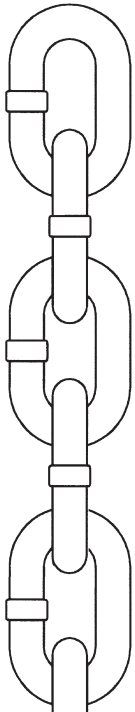
### Proof Coil Grade 30

Part #	Size	WLL (lbs)	Ft/Full Drum	Ft/Half Drum	Wt/Ft (lbs)
12H125*	1/8"	375	1,000	N/A	.20
12_187	3/16"	800	1,500	750	.40
12_250	1/4"	1,300	800	400	.68
12_312	5/16"	1,900	550	275	1.02
12_375	3/8"	2,650	400	200	1.47
12_500	1/2"	4,500	200	100	2.52
12_625	5/8"	6,900	150	75	4.06
12_750	3/4"	10,600	100	50	5.80

\* 12H125 is available in Hot Galvanized only.



- Available in Bright Polished (unplated), Zinc Plated, and Hot Dipped Galvanized finishes.



### High Test Grade 40

Part #	Size	WLL (lbs)	Ft/Full Drum	Ft/Half Drum	Wt/Ft (lbs)
14_250	1/4"	2,600	800	400	.66
14_312	5/16"	3,900	550	275	1.16
14_375	3/8"	5,400	400	200	1.82
14_500	1/2"	9,200	200	100	2.99



- Available in Bright Polished and Hot Dipped Galvanized finishes.

### Transport Chain Grade 70 *Yellow Zinc Chromate Finish*

Part #	Size	WLL (lbs)	Ft/Full Drum	Ft/Half Drum	Wt/Ft (lbs)
17G250	1/4"	3,150	800	400	.78
17G312	5/16"	4,700	550	275	.95
17G375	3/8"	6,600	400	200	1.78
17G500	1/2"	11,300	200	100	2.13

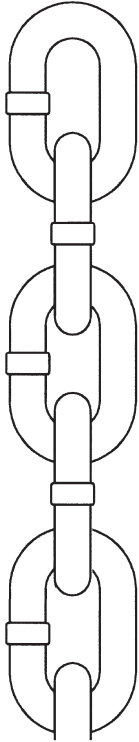
### Alloy Chain Grade 80 *Self Colored*

Part #	Trade Size	WLL (lbs)	Ft/Full Drum	Ft/Half Drum	Wt/Ft (lbs)
18S250	9/32"	3,500	800	400	.76
18S375	3/8"	7,100	400	200	1.52
18S500	1/2"	12,000	200	100	2.50
18S625	5/8"	18,100	150	75	3.10



- Never exceed Working Load Limit of chain.
- Use only Grade 80 Alloy Chain for overhead lifting.

### Proof Coil Grade 30 Dealer Pails



Part #	Size	WLL (lbs)	Ft/Pail	Wt/Pail (lbs)
12_187-0250	3/16"	800	250	100
12_250-0133	1/4"	1,300	133	90
12_312-0092	5/16"	1,900	92	93
12_375-0066	3/8"	2,650	66	97
12_500-0035	1/2"	4,500	35	88

**Options** • Available in Bright Polished (unplated), Zinc Plated, and Hot Dipped Galvanized finishes.

### High Test Grade 40 Dealer Pails

Part #	Size	WLL (lbs)	Ft/Pail	Wt/Pail (lbs)
14B250-0133	1/4"	2,600	133	88
14B312-0092	5/16"	3,900	92	106
14B375-0066	3/8"	5,400	66	102
14B500-0035	1/2"	9,200	35	104

**Options** • Available in Bright Polished (unplated). Hot Dipped Galvanized can be supplied in Dealer Pails upon request.

### Chain Display - for Dealer Pails



Part #	Description	Pcs/Ctn	Weight/Carton
PAILRACK	Stackable Wire Frame For Dealer Pails of Chain	2	14 lbs.

#### Product Information

#### Grade Markings

Chain links are marked periodically with the grade of chain as follows:

Grade	Markings
Proof Coil	28,30,3
High Test	40,43,4
Transport	70,7
Alloy	80,8, A8

**Stainless Steel Chain Type 316**



Part #	Trade Size	WLL (lbs)	Ft/Drum	Wt/Ft (lbs)
SSPC125	1/8"	375	1,000	.22
SSPC187	3/16"	1,200	1,000	.45
SSPC250	1/4"	2,000	400	.78
SSPC312	5/16"	2,800	275	.97
SSPC375	3/8"	3,550	200	1.67
SSPC500	1/2"	6,500	200	2.25
SSPC625	5/8"	9,500	150	4.10
SSPC750	3/4"	15,000	100	5.30



- Never exceed Working Load Limit of chain.
- Use only Grade 80 Alloy Chain for overhead lifting.

**Double Loop Chain Zinc Plated**

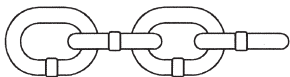


Part #	Dim. x Length	Packing	WLL	Wt (lbs)/Ea
EGDL3x200	#3 x 200 ft.	Reel	90	13
EGDL2x200	#2 x 200 ft.	Carton	115	16
EGDL1x100	#1 x 100 ft.	Carton	155	13
EGDL2/0x175	2/0 x 175 ft.	Reel	255	30
EGDL2/0x250	2/0 x 250 ft.	Carton	255	43



- Some sizes available in Stainless Steel.

**Passing Link Chains Zinc Plated**



Part #	Description	Packing	WLL	Wt (lbs)/Ea
EGPL4/0x100	4/0 X 100 ft.	Ctn	620	43

*See Fehr Bros. complete line of  
Stainless Steel Rigging Hardware on pages 52-57*

*Cable, Wire Rope, Chain, Turnbuckles, Shackles, W/R Clips and more.*



## Zinc Plated Sash Chains

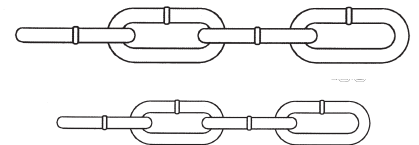
Part #	Description	Packing	WLL	Wt (lbs)/Ea
EGSASH35x100	#35 x 100 ft.	Reel	105	5.5
EGSASH8x500	#8 x 500 ft.	Ctn	75	2.0



- Available in Stainless Steel.

## Zinc Plated Straight Link Chains

Part #	Description	Packing	WLL	Wt (lbs)/Ea
EGSLC2/0x125	2/0 x 125 ft. Coil	Reel	520	37
EGSLM4x100	#4 x 100 ft. Machine	Ctn	215	12
EGSLM2x100	#2 x 100 ft. Machine	Ctn	325	19
EGSLM2/0x100	2/0 x 100 ft. Machine	Ctn	545	31



## Zinc Plated Twist Link Chains

Part #	Description	Packing	WLL	Wt (lbs)/Ea
EGTLM2/0x75	2/0 x 75 ft. Machine	Ctn	520	28



## Zinc Plated Single Jack Chains

Part #	Description	Packing	WLL	Wt (lbs)/Ea
EGSJ16x250	No 16 x 250 ft.	Reel	11	8
EGSJ12x250	No 12 x 250 ft.	Reel	29	24
EGSJ10x250	No 10 x 250 ft.	Reel	47	35
EGSJ8x250	No 8 x 250 ft.	Reel	60	50
EGSJ6x250	No 6 x 250 ft.	Ctn	95	65

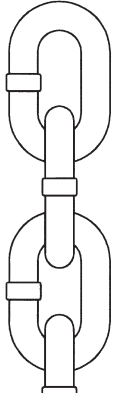


- Some sizes available in Stainless Steel.



- Never exceed Working Load Limit of chain.
- Use only Grade 80 Alloy Chain for overhead lifting.

## Alloy Steel Chain Grade 80 Self-Colored

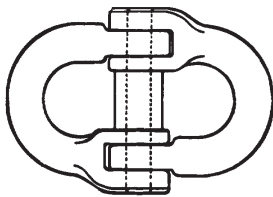


Part #	Trade Size	WLL (lbs)	Ft/Full Drum	Ft/Half Drum	Wt/Ft (lbs)
18S250	9/32"	3,500	800	400	.76
18S375	3/8"	7,100	400	200	1.52
18S500	1/2"	12,000	200	100	2.50
18S625	5/8"	18,100	150	75	3.10



- Use only Grade 80 Alloy Chain and fittings for overhead lifting.

## Grade 80 Hammerlocks

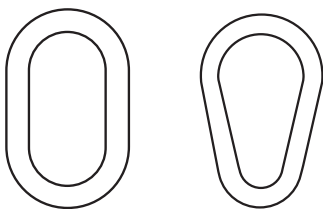


Part #	Size	WLL (lbs)	Wt (lbs)/Ea
HL281	9/32"	3,500	.25
HL375	3/8"	7,100	.75
HL500	1/2"	12,000	1.50
HL625	5/8"	18,100	2.50



- Also available in Stainless Steel - Special Order.

## Alloy Rings



Size	Oval		Pear	
	Part #	WLL (lbs)	Part #	WLL (lbs)
1/2"	ML500	4,100	PL500	2,900
5/8"	ML625	5,500	PL625	4,200
3/4"	ML750	8,600	PL750	6,000



- Inspect regularly.
- Discard and replace if worn, distorted or damaged.

## Alloy Eye Hoist Hooks

Part #	Size	Wt (lbs)/Ea
HH1TA	1.0	.53
HH1.5A	1.5	.88
HH2TA	2.0	1.20
HH3TA	3.0	2.00
HH7TA	7.0	7.10



- Load Rating is the maximum working load which should ever be applied to the product under any condition. The Working Load Limit is based on a load being uniformly applied in a straight line pull.
- Inspect regularly. Replace if nicked, worn or damaged.
- Avoid shock loads.

## Grade 80 Alloy Clevis Grab

Part #	Size	WLL	Wt (lbs)/Ea
G8CG250	1/4"	4,100	.46
G8CG312	5/16"	5,100	.75
G8CG375	3/8"	7,100	1.18
G8CG500	1/2"	12,000	2.50



- Painted finish.

## Alloy Deck Chains

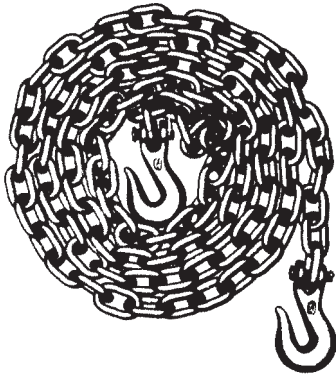
Part #	Size	WLL (lbs)	Wt/Ea (lbs)
TAC500x003	1/2" x 3 ft.	12,000	5.43
TAC500x005	1/2" x 5 ft.	12,000	9.05



- Tagged with Size, Grade, Reach and Working Load Limit.
- Also known as STAC Chain.

*Use only Grade 80 Alloy Chain and components for overhead lifting.*

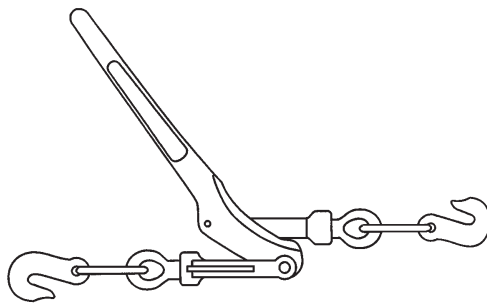
## Binder Chain



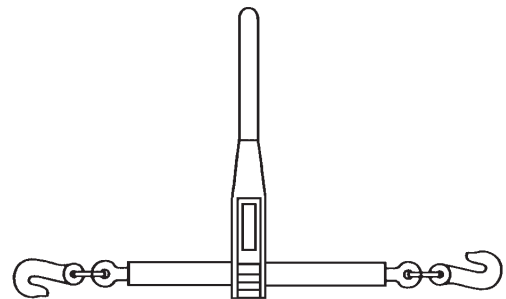
Part #	Trade Size (in) x length	WLL (lbs)	Wt (lbs)
<b>Grade 70 Transport</b>			
G7TC375x16	3/8" x 16'	6,600	31
G7TC375x20	3/8" x 20'	6,600	38
<b>High Test</b>			
HTTC375x16	3/8" x 16'	5,400	31
HTTC375x20	3/8" x 20'	5,400	38



- Inspect regularly and replace if links are bent, worn or distorted.



LEVER LOADBINDER



RATCHET LOADBINDER

## Load Binders

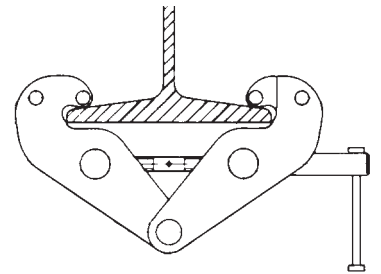
Part #	Description	Break Strength (lbs)	Wt (lbs) Ea	Chain Size/Grade	Chain WLL (lbs)
LBNDR250	1/4" Lever Type	7,800	3.5	1/4" Grade 40 1/4" Grade 30	2,600 1,250
LBNDR375	5/16"-3/8" Lever Type	19,000	8.0	5/16" Grade 70 3/8" Grade 40	4,700 5,400
LBNDR500	3/8"-1/2" Lever Type	33,000	16.0	3/8" Grade 70 1/2" Grade 40	6,600 9,200
RLBNDR375	5/16"-3/8" Ratchet Type	26,000	12.2	5/16" Grade 70 3/8" Grade 40	4,700 5,400
RLBNDR500	3/8"-1/2" Ratchet Type	33,000	13.0	3/8" Grade 70 1/2" Grade 40	6,600 9,200



- Use appropriate size chain with each load binder.
- Never use handle extenders or cheater bars.
- Inspect and replace if bent or worn.

## Beam Clamps

Part #	Capacity (tons)	Packing	Wt (lbs)/Ea
LMBC-1	1	3" to 9"	8.5
LMBC-2	2	3" to 9"	10.5
LMBC-3	3	3.2" to 12.6"	20.0
LMBC-5	5	3.6" to 12.2"	24.0



### Product Information

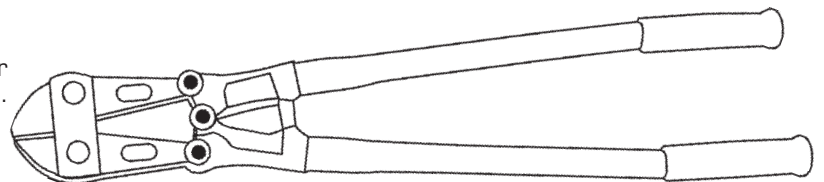
- Rugged all-steel construction.
- Fits wide range of beam sizes.
- Black CED finish (cathodic electrodeposition).
- Tagged for traceability.

## Chain Cutter

Model	Part #	Capacity	Length (Ins)	Wt (lbs)
HA-600	THA600	3/8 Proof Coil	24	5.6



- Always use protective eyewear while using cable cutting tools.



## Zinc Plated Split Rings

Part #	Outside Diameter	Inside Diameter	Weight/ea
SPLITRING1750	1-3/4"	1-5/16"	.044



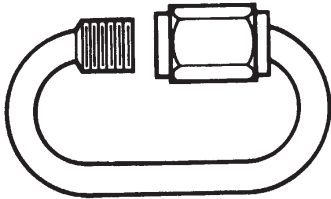
### Product Information

- Spread ring for easy installation.
- Safety Factor - Ring will open under direct 750 lb pull.

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## Quick Links

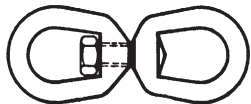


Zinc Plated				
Part #	Size	WLL	Pcs/Pack	Wt (lbs)/Pack
QL125	1/8"	220	50	1.50
QL187	3/16"	620	50	2.50
QL250	1/4"	880	50	4.00
QL312	5/16"	1,550	50	9.00
QL375	3/8"	1,880	10	3.00
QL500	1/2"	2,250	10	6.00
QL562	9/16"	4,800	1	.81
QL625	5/8"	6,380	1	1.30
Stainless Steel Type 304				
Part #	Size	WLL	Pcs/Pack	Wt (lbs)/Pack
SQL125	1/8"	380	1	.03
SQL187	3/16"	600	1	.05
SQL250	1/4"	1,350	1	.08
SQL312	5/16"	1,940	1	.18
SQL375	3/8"	2,500	1	.30
SQL500	1/2"	4,850	1	.54

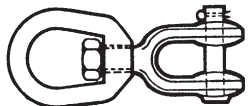


- Match Working Load Limit to WLL of chain.
- Inspect and replace if worn, distorted or damaged.

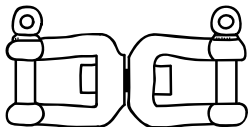
## Swivels



Eye/Eye



Eye/Jaw



Jaw/Jaw

(available in S/S only)

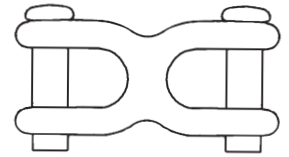
Drop Forged, Hot Galvanized - Available in Eye/Eye and Eye/Jaw				
Part #	Size	WLL (lbs)	Wt/Ea	
DFSWIV250_/_	1/4"	850	.22	
DFSWIV375_/_	3/8"	2,250	.70	
DFSWIV500_/_	1/2"	3,600	1.40	
Stainless Steel Type 304 - Available in Eye/Eye, Eye/Jaw, and Jaw/Jaw				
Part #	Actual Size	Trade Size	WLL (lbs)	Wt/Ea (lbs)
SSWIV06_/_	6mm	1/4"	770	.09
SSWIV08_/_	8mm	5/16"	1,400	.33
SSWIV10_/_	10mm	3/8"	2,000	.65
SSWIV13_/_	13mm	1/2"	3,080	1.50
SSWIV16_/_	16mm	5/8"	5,500	2.66



- Inspect swivels and replace if worn, distorted or damaged.

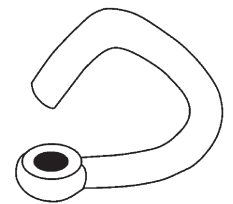
## Zinc Plated Double Clevis

Part #	Description	WLL	Wt (lbs)/Ea
DC250-312	1/4" - 5/16"	3,900	0.26
DC375	3/8"	5,400	0.40
DC500	1/2"	9,200	1.56
DC625	5/8"	11,500	2.09



## Zinc Plated Cold Shuts

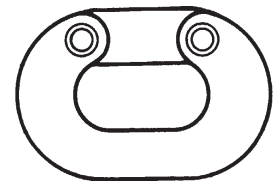
Part #	Size	Width	Length	Wt (lbs)/Pack	Pcs/Pack
CSHUT187	3/16"	11/32"	15/16"	.03	100
CSHUT250	1/4"	3/8"	1-3/16"	.06	100
CSHUT312	5/16"	7/16"	1-3/8"	.12	100
CSHUT375	3/8"	5/8"	1-1/2"	.27	100
CSHUT500	1/2"	3/4"	1-7/8"	.40	25
CSHUT625	5/8"	13/16"	2"	.84	25



- Use one size larger than chain diameter.

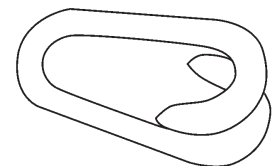
## Zinc Plated Connecting Links

Part #	Size	WLL	Pcs/Pack	Wt (lbs)/Pack
CLINK187	3/16"	750	10	.30
CLINK250	1/4"	1,250	10	.50
CLINK312	5/16"	1,900	10	1.00
CLINK375	3/8"	2,650	10	1.70
CLINK500	1/2"	4,500	10	3.60
CLINK625	5/8"	6,950	1	.70



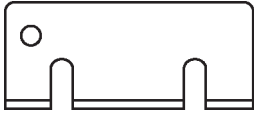
## Zinc Plated Lap Links

Part #	Size	WLL	Pcs/Pack	Wt (lbs)/Pack
LL125	1/8" x 3/4"	150	100	2.5
LL187	3/16" x 1"	225	100	3.0
LL250	1/4" x 1-1/2"	325	100	6.5
LL312	5/16" x 1-1/2"	675	100	13.0
LL375	3/8" x 1-5/8"	1,000	50	12.0
LL500	1/2" x 2-1/2"	1,525	50	26.0



- Inspect and replace if worn, distorted or damaged.
- WLL of lowest rated component determines the WLL of entire assembly.
- Fittings on this page should be used with Proof Coil Chain only.
- Use only Alloy Chain and Fittings for overhead lifting.

**Adjustment Clips Zinc Plated**



Part #	Size	Pcs/Pack	Wt. (lbs)
CLIP2	2"	1,000	51
CLIP3	3"	500	49

**S-Hooks Zinc Plated**



Part #	Size	Pcs/Pack	Wt. (lbs)/100
EGSH125	1/8" x 1"	100	1
EGSH187	3/16" x 1-1/2"	100	3
EGSH250	1/4" x 2-1/4"	100	6.5

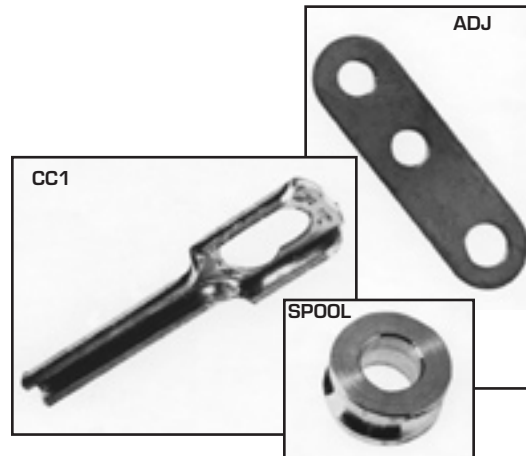
**Staples Hot Galvanized**



Part #	Size	Wt. (lbs)
STAPLE375	3/8" x 4-1/2"	.10
STAPLE500	1/2" x 6"	.55
STAPLE500-L	1/2" x 8"	.65

**Cable Accessories**

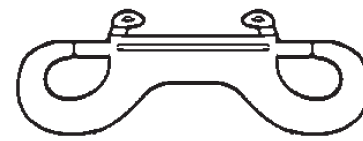
Part #	Description
ADJX100	Cable Adjustment Clips
CC1X100	CC-1 Cable Clips
SPOOL250X100	Cable Spools 1/4"
SPOOL312X100	Cable Spools 5/16" Beveled
SPOOL437X100	Cable Spools 7/16"



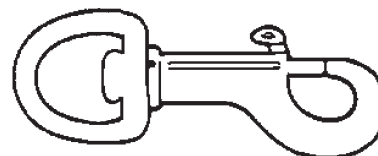


## Zinc Plated Snap Hooks

Part #	Size x Length	Pcs/Pack	Wt. (lbs)/Pack
SNAP161	3/8" x 3-1/4"	50	4
SNAP163	1/2" x 4-3/4"	50	8
SNAP225/625	5/8" x 4-1/4"	100	14
SNAP225/750	3/4" x 4-1/4"	100	15



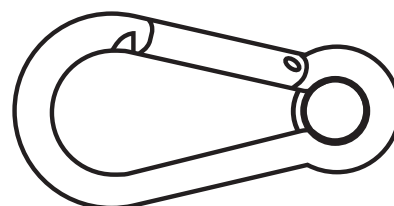
SNAP 161/SNAP 163



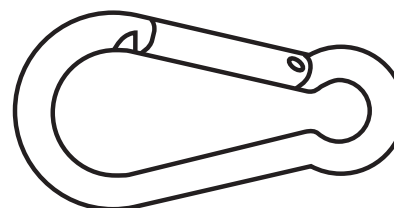
SNAP 225/625  
SNAP 225/750

## No. 2450 Spring Hooks

Part #	Size	Without Eye (NE)	With Eye (WE)
		Wt. (lbs)/100 Pcs.	Wt. (lbs)/100 Pcs.
<b>Zinc Plated</b>			
SNAP2450-187	3/16"	3.5	
SNAP2450-250	1/4"	6.3	7.0
SNAP2450-312	5/16"	14.0	15.0
SNAP2450-375	3/8"	28.5	
SNAP2450-437	7/16"	40.0	
SNAP2450-500	1/2"	80.0	
<b>Stainless Steel Type 304</b>			
SSNAP2450-187	3/16"	3.5	
SSNAP2450-250	1/4"	6.3	
SSNAP2450-312	5/16"	14.0	
SSNAP2450-375	3/8"	19.5	
SSNAP2450-437	7/16"	40	
SSNAP2450-500	1/2"	73	



WITH EYE



WITHOUT EYE

## Zinc Plated Winchline Hook

Part #	Description	Breaking Strength	Wt. (lbs)/Ea
EH550	No. 550 Winchline Hook	8,000	.48

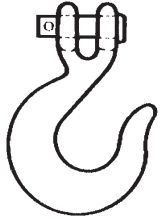


- Refer to Warnings and Cautions regarding Working Load Limits for Wire Rope, Aircraft Cable and Attachments on page 6 prior to use.
- Match components! All attachments used with chain, cable and wire rope must be of suitable material, type and strength to provide adequate safety protection.



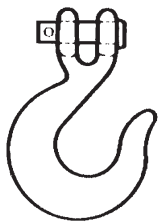
**Clevis Slip Hooks**

**High Test**



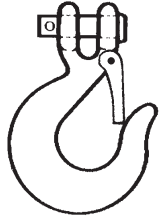
Part #	Size	Finish	WLL	Wt (lbs)/Ea
EGHTSH250	1/4"	EG	2,600	.59
EGHTSH312	5/16"	EG	3,900	.81
EGHTSH375	3/8"	EG	5,400	1.25
EGHTSH500	1/2"	EG	9,200	2.68

**Grade 63/70 Transport**



Part #	Size	Finish	WLL	Wt (lbs)/Ea
G7CS250	1/4"	EG	2,750	.47
G7CS312	5/16"	EG	3,600	.75
G7CS375	3/8"	EG	5,500	1.60
G7CS375-L With Latch	3/8"	EG	5,500	1.60
G7CS500	1/2"	EG	9,400	2.78

**High Test w/ Safety Latch**



Part #	Size	Finish	WLL	Wt (lbs)/Ea
HTSH250-L	1/4"	EG	2,600	.55
HTSH312-L	5/16"	EG	3,900	.83
HTSH375-L	3/8"	EG	5,400	1.21
HTSH500-L	1/2"	EG	9,200	2.78

**Eye Slip Hooks**

**High Test**



Part #	Size	Finish	WLL	Wt (lbs)/Ea
EGHTES250	1/4"	EG	2,600	.38
EGHTES312	5/16"	EG	3,900	.57
EGHTES375	3/8"	EG	5,400	.83
EGHTES500	1/2"	EG	9,200	1.9



- Match size and grade of hook with chain.
- Do not exceed WLL.
- Use only Grade 80 hooks for lifting.

**Clevis Grab Hooks**

**High Test**

Part #	Size	Finish	WLL	Wt (lbs)/Ea
EGHTGH250	1/4"	EG	2,600	.40
EGHTGH312	5/16"	EG	3,900	.78
EGHTGH375	3/8"	EG	5,400	1.00
EGHTGH500	1/2"	EG	9,200	2.20
EGHTGH625	5/8"	EG	12,750	5.00



**Grade 70 Transport**

Part #	Size	Finish	WLL	Wt (lbs)/Ea
G7CG312	5/16"	EG	4,700	.70
G7CG375	3/8"	EG	6,600	1.19



**Grade 80 Alloy**

Part #	Size	Finish	WLL	Wt (lbs)/Ea
G8CG250	1/4"	Painted	4,100	.46
G8CG312	5/16"	Painted	5,100	.75
G8CG375	3/8"	Painted	7,100	1.18
G8CG500	1/2"	Painted	12,000	2.50



**Eye Grab Hooks**

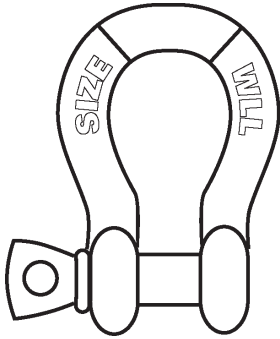
**High Test**

Part #	Size	Finish	WLL	Wt (lbs)/Ea
EGHTEG250	1/4"	EG	2,600	.35
EGHTEG312	5/16"	EG	3,900	.53
EGHTEG375	3/8"	EG	5,400	.94



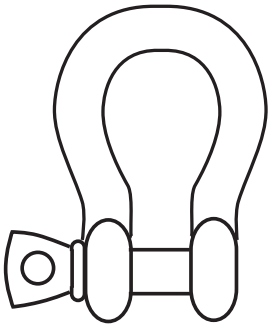
- Match size and grade of hook with chain.
- Do not exceed WLL.
- Use only Grade 80 hooks for lifting.

## Load Rated Screw Pin Anchor Shackles *Hot Galvanized*



Part #	Size	Pin Diameter	WLL (tons)	Wt(lbs)/Pack	Pcs/Pack
DRSPA187	3/16"	1/4"	1/3	1.75	25
DRSPA250	1/4"	5/16"	1/2	2.75	25
DRSPA312	5/16"	3/8"	3/4	4.50	25
DRSPA375	3/8"	7/16"	1	8.00	25
DRSPA437	7/16"	1/2"	1-1/2	4.80	10
DRSPA500	1/2"	5/8"	2	6.80	10
DRSPA625	5/8"	3/4"	3-1/4	14.60	10
DRSPA750	3/4"	7/8"	4-3/4	11.70	5
DRSPA875	7/8"	1"	6-1/2	18.90	5
DRSPA100	1"	1-1/8"	8-1/2	25.00	5
DRSPA1-1/8	1-1/8"	1-1/4"	9-1/2	7.00	1
DRSPA1-1/4	1-1/4"	1-3/8"	12	9.60	1
DRSPA1-3/8	1-3/8"	1-1/2"	13-1/2	12.60	1
DRSPA1-1/2	1-1/2"	1-5/8"	17	17.30	1
DRSPA1-3/4	1-3/4"	2"	25	27.80	1

## Commercial Grade Screw Pin Anchor Shackles *Hot Galvanized*



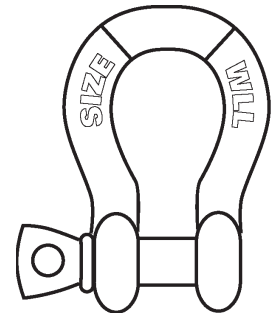
Part #	Size	Pin Diameter	WLL (tons)	Wt(lbs)/Pack	Pcs/Pack
CGSPA187	3/16"	1/4"	1/4	1.25	25
CGSPA250	1/4"	5/16"	1/3	3.00	25
CGSPA312	5/16"	3/8"	1/2	4.50	25
CGSPA375	3/8"	7/16"	3/4	7.50	25
CGSPA437	7/16"	1/2"	1	12.25	25
CGSPA500	1/2"	5/8"	1-1/2	18.50	25
CGSPA625	5/8"	3/4"	2-1/4	36.00	25
CGSPA750	3/4"	7/8"	3-1/4	10.80	5
CGSPA875	7/8"	1"	4-1/4	16.85	5
CGSPA100	1"	1-1/8"	5-1/2	26.50	5



- Inspect regularly. Replace if worn, distorted or damaged.
- Ensure pin is fully engaged.
- Seize pin with wire.
- Do not exceed WLL.
- Use only Duty Rated Shackles, with embossed WLL, for overhead lifting.

## USA Manufactured Blue Pin Load Rated Screw Pin Anchor Shackle

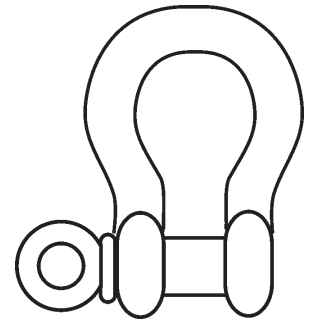
Part #	Size	Finish	Pin Diameter	WLL (tons)	Wt (lbs)/Ea
THSPA250	1/4"	Galvanized	5/16"	1/2	.13
THSPA312	5/16"	Galvanized	3/8"	3/4	.18
THSPA375	3/8"	Galvanized	7/16"	1	.33
THSPA500	1/2"	Self Colored	5/8"	2	.74
THSPA625	5/8"	Self Colored	3/4"	3-1/4	1.21
THSPA750	3/4"	Self Colored	7/8"	4-3/4	2.14



## Stainless Steel Screw Pin Anchor Shackles

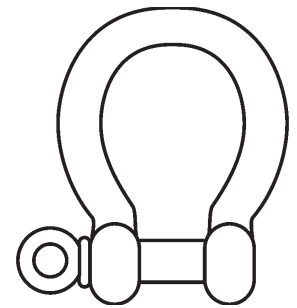
### Type 316 Large Pin Style

Part #	Size	Pin Diameter	WLL (lbs)	Wt (lbs)/Ea
SLPA250	1/4"	5/16"	450	.12
SLPA312	5/16"	3/8"	650	.19
SLPA375	3/8"	1/2"	1,000	.34
SLPA500	1/2"	5/8"	1,990	.78
SLPA625	5/8"	3/4"	3,050	1.25
SLPA750	3/4"	7/8"	4,475	2.31



### Type 304 European Style

Part #	Size	Pin Diameter	WLL (lbs)	Wt (lbs)/Ea
SSPA187	3/16"	3/16"	450	.06
SSPA250	1/4"	1/4"	667	.09
SSPA312	5/16"	5/16"	1,000	.15
SSPA375	3/8"	3/8"	1,500	.31
SLPA500	1/2"	1/2"	3,000	.73



- Not for overhead lifting.

### Type 316 Stainless Steel Wide D Shackle

Part #	Size	Pin Diameter	WLL (lbs)	Wt (lbs)/Ea
SSDS312	5/16"	5/16"	1,300	.14
SSDS375	3/8"	3/8"	1,500	.33

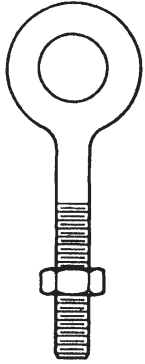


- Not for overhead lifting.



*See Fehr Bros. complete line of  
Stainless Steel Rigging Hardware on pages 52-57*

***Eyebolts Drop Forged, Hot Galvanized, XL Thread***



Part #	Size	WLL (lbs)	Wt (lbs)/Ea
EB250x02	1/4" x 2"	500	.07
EB250x04	1/4" x 4"	500	.12
EB312x02	5/16" x 2"	800	.13
EB312x04	5/16" x 4-1/4"	800	.20
EB375x02	3/8" x 2-1/2"	1,200	.24
EB375x04	3/8" x 4-1/2"	1,200	.31
EB375x06	3/8" x 6"	1,200	.35
EB500x03	1/2" x 3-1/4"	2,200	.55
EB500x06	1/2" x 6"	2,200	.74
EB500x08	1/2" x 8"	2,200	.76
EB500x10	1/2" x 10"	2,200	.88
EB500x12	1/2" x 12"	2,200	1.05
EB500x18	1/2" x 18"	2,200	1.75
EB625x04	5/8" x 4"	3,500	1.01
EB625x06	5/8" x 6"	3,500	1.16
EB625x08	5/8" x 8"	3,500	1.31
EB625x10	5/8" x 10"	3,500	1.40
EB625x12	5/8" x 12"	3,500	1.55
EB625x15	5/8" x 15"	3,500	1.80
EB625x18	5/8" x 18"	3,500	2.00
EB625x21	5/8" x 21"	3,500	2.35
EB625x24	5/8" x 24"	3,500	2.50
EB750x04	3/4" x 4-1/2"	5,200	1.40
EB750x06	3/4" x 6"	5,200	1.84
EB750x08	3/4" x 8"	5,200	2.00
EB750x10	3/4" x 10"	5,200	2.26
EB750x12	3/4" x 12"	5,200	2.52
EB875x05	7/8" x 5"	7,200	2.20
EB875x08	7/8" x 8"	7,200	3.87
EB875x12	7/8" x 12"	7,200	3.80



- Never exceed Working Load Limit.
- WLL applies to straight line loading only.
- Inspect and replace eyebolts if bent, worn or nicked.

## Self Colored - Fully Threaded Machinery Eyebolts

Shoulder Pattern Part #	Plain Pattern Part #	Size	WLL
SMEB250X1.000	N/A	1/4" x 1"	500 lbs.
SMEB312X1.125	PMEB312X1.125	5/16" x 1-1/8"	900 lbs.
SMEB375X1.250	PMEB375X1.250	3/8" x 1-1/4"	1,300 lbs.
SMEB437X1.375	N/A	7/16" x 1-3/8"	1,800 lbs.
SMEB500X1.500	PMEB500X1.500	1/2" x 1-1/2"	2,400 lbs.
SMEB625X1.750	PMEB625X1.750	5/8" x 1-3/4"	4,000 lbs.
SMEB750X2.000	PMEB750X2.000	3/4" x 2"	5,000 lbs.
SMEB875X2.250	N/A	7/8" x 2-1/4"	7,000 lbs.
SMEB100X2.500	N/A	1" x 2-1/2"	9,000 lbs.



- WLL for the machinery eyebolts are based on vertical, straight line loads with a safety factor of 5:1.

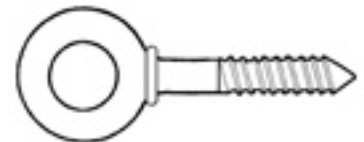
## Straight, Drop Forged, Hot Galvanized Thimble Eyebolts

Part #	Size	Tensile Strength (lbs)	Wt (lbs)/Ea
TEB625x08	5/8" x 8"	12,400	1.30
TEB625x15	5/8" x 15"	12,400	1.95
TEB625x18	5/8" x 18"	12,400	2.07



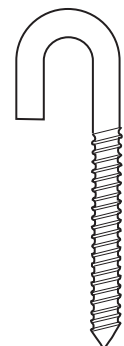
## Drop Forged, Hot Galvanized Eye Lag Screws

Part #	Size	Wt (lbs)
E/S500x3.25	1/2" x 3-1/4"	.45
E/S625x4	5/8" x 4"	.75



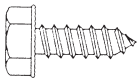
## Zinc Plated J-Lag Hooks

Part #	Size	Wt(lbs)/100 pcs	Thread	Pcs/Carton
LHK250x04-R	1/4" x 4"	12	Right	200
LHK312x04-R	5/16" x 4"	15	Right	300
LHK375x04-R	3/8" x 4-1/2"	18	Right	300
LHK375x04-L	3/8" x 4-1/2"	18	Left	300
LHK500x06-R	1/2" x 6"	43	Right	144
LHK500x06-L	1/2" x 6"	43	Left	144
LHK625x06-R	5/8" x 6"	68	Right	84
LHK625x06-L	5/8" x 6"	68	Left	84



**Screws Zinc Plated**

	Part#	Size	Dimen. Across Flats	Pcs/Keg
Type AB Sheet Metal Screws Serrated Washer Head	C6360	1/4 x 3/4	7/16	10,000
Hex Washer Head Lag Screws	C6045	1/4 x 1	7/16	10,000
Deep Indented Hex Washer Head Lag Screws High Profile Head	C6052	5/16 x 1-5/8	7/16	4,000
	C6053	5/16 x 1-3/4	7/16	4,000
	C6055	5/16 x 2	7/16	4,000
	C6059	5/16 x 2-1/2	7/16	3,500
	C6061	5/16 x 3	7/16	2,500
Drill and Tap Screws Hex Washer Head	C6322	1/4-14 x 3/4	7/16	2,500
	C6326	1/4-14 x 1	7/16	2,500
	C6327	1/4-20 x 3/4	7/16	2,500
	C6329	1/4-20 x 1	7/16	2,500
	C6332	5/16-12 x 1	7/16	5,000



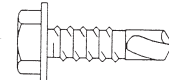
TYPE AB SHEET  
METAL SCREWS



HEX WASHER  
HEAD LAG SCREWS



DEEP INDENTED HEX WASHER  
HEAD LAG SCREWS



DRILL AND TAP  
SCREWS

**Nuts Zinc Plated**



	Part #	Size	Dimen. Across Flats	Pcs/Keg
Hex Nuts	C6160	1/4-20	7/16	20,000
	C6163	5/16-18	1/2	14,000
	C6165	3/8-16	9/16	8,500
Hex Kep Lock Nuts	C6201	1/4-20	7/16	5,000
	C6203	5/16-18	1/2	6,600
Serrated Flange Nuts	C6211	1/4-20	7/16	15,000
	C6215	5/16-18	1/2	12,000
	C6216	3/8-16	9/16	8,500



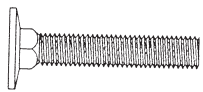
**USS Flat Washers Zinc Plated**

	Part #	Size
Flat Washer	C6213	5/16
	C6214	3/8

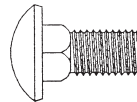


## Zinc Plated Bolts

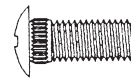
	Part #	Size	Dimen. Across Flats	Pcs/Keg
<b>Flat Head Carriage Bolts</b> Full Thread	C6072	1/4-20 x 1-3/4	-	6,000
	C6073	1/4-20 x 1-7/8	-	6,000
	C6076	1/4-20 x 2-1/4	-	6,000
	C6078	1/4-20 x 2-1/2	-	4,000
<b>Round Head Carriage Bolts</b> Full Thread	C6095	5/16-18 x 3/4	-	8,000
<b>Slotted Track Bolts</b> Knurled Shank	C6142	1/4-20 x 5/8	-	12,500
	C6146	1/4-20 x 1	-	10,000
<b>Hex Head Bolts</b> Full Thread	C6102	1/4-20 x 3/4	7/16	15,000
	C6104	1/4-20 x 1	7/16	12,000
	C6112	5/16-18 x 3/4	1/2	8,000
	C6114	5/16-18 x 1	1/2	7,000
	C6122	3/8-16 x 3/4	9/16	6,000
	C6128	3/8-16 x 1-1/2	9/16	3,400



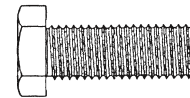
FLAT HEAD  
CARRIAGE BOLT



ROUND HEAD  
CARRIAGE BOLT



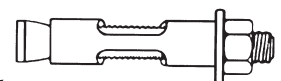
SLOTTED  
TRACK BOLT



HEX HEAD BOLT

Part #	Size	Type	Packing
C1405	5/16 x 1-1/2	Sleeve	100
C1433	3/8 x 3	Sleeve	50
C1026	5/16 x 2	Wedge	100
C1031	3/8 x 2-1/8	Wedge	100

*Product  
Information*



- ZP I.C.B.O. #5045
- COLA RR-25039

## Zinc Plated Open Eyebolts

Part #	Description	Thread	Pcs/Pk	Wt/100 Pcs
E/B312x03/DP	5/16 x 3-1/2	5/16 - 18 Machine Thread	100	8.7
OPENLAG250	1/4 x 3-1/2	1/4" Lag Thread	500	7.9
LAGHOOK250	1/4 x 3-3/4	5/16" Lag Thread	500	65.6



OPENLAG250



LAGHOOK250



E/B312X03

### Perforated Angle

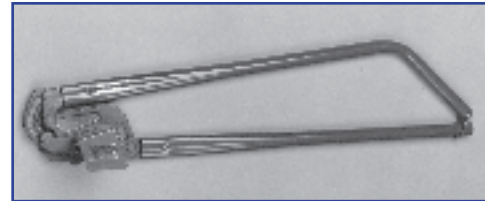


Part #	Description
PERF12-8.25P	12. Ga. 1-1/4 x 1-1/4 x 8.25' Painted - Grey
PERF12-8	12. Ga. 1-1/4 x 1-1/4 x 8.0' Galvanized
PERF12X2-10	12. Ga. 2" x 2" x 10' Galvanized
PERF13-8	13. Ga. 1-1/4 x 1-1/4 x 8" Galvanized
PERF16-8	16. Ga. 1-1/4 x 1-1/4 x 8' Galvanized

### Angle Shears



RW #4



HK Porter®

Part #	Description	Capacity
TWAC-4	Roper Whitney® #4 iron shear w/handle	cuts up to 2" x 2" x 1/4" thick *recommended for painted angle
THAC	HK Porter® Angle Shear	Cuts up to 1-1/4" x 1-1/4" 12 gauge

### Cable Puller

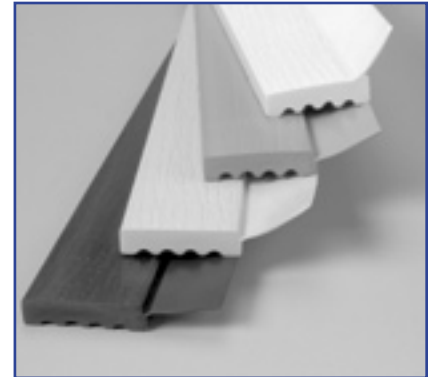
Model	Description	Capacity	W.L.L	Weight
CP1613-30	Single Groove	.08" - .20 " wire	1,500 lbs.	1.5 lbs.
CP1692-5	Double Groove	.218" - .55" wire	8,000 lbs	6.375 lbs.

\* Additional sizes are available by special order.



## Vinyl Weatherseal

- Formulated with impact modifiers and does not require pre-drilling.
- Anti-weathering agents for superior color retention
- Packed 15 pcs. per carton.
- Factory direct shipments available on 36+ cartons.
- Brickmold style #2448 and door surround style #2497 are also available as a factory direct shipment.

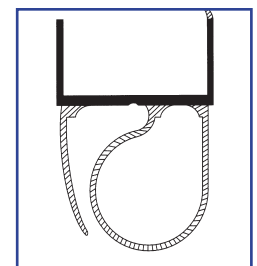


(W)White, (A)Almond, (S)Sandstone, (B)Brown and (GN)Hunter Green, (GY) Gray are available in all sizes and styles as a (DS) drop ship item. (DS) denotes available by drop ship only. Minimum drop ship order is 36 boxes of 15 pieces.

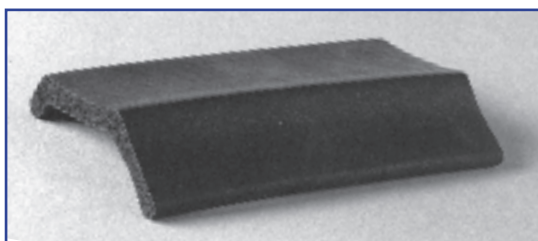
	WS2213	WS2211	WS2016	WS2100
7'	W,A,S,B,GY,GN	W,A,S,B	DS	DS
8'	W,A,S,B,GY,GN	W,A,S,B	DS	DS
8'	W,A,S,B,GY,GN	W,A,S,B	DS	DS
10'	W	W	DS	DS
12'	W	W	DS	DS
14'	W	W	DS	DS
16'	W,A,S,B,GY,GN	W,A,S,B	DS	DS
18'	DS	DS	DS	DS

## Bottom Seal and Reverse Angle Seal

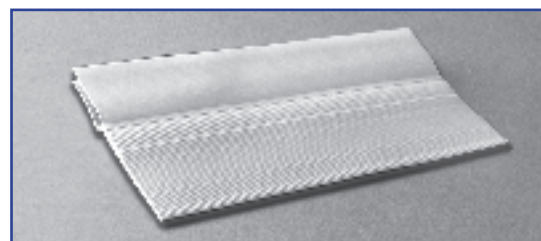
Part #	Description	Pcs/Ctn
REVANGLE	Reverse angle jamb seal	200'
WS-BOTTOMSEAL	Bottom seal fits 1-3/8" wood door	300'
WS138-09 WS138-16	PVC bottom seal for 1-3/8" doors 1 piece, triple contact 9' or 16'	12 pieces
WS200-09 WS200-16	PVC bottom seal for 2" doors 1 piece, triple contact 9' or 16'	8 pieces
WSNAIL	Aluminum Nails 1-1/4 length Available in white, brown, almond	1 lb.



WS138      WS200



WS-BOTSEAL



REVANGLE

**Fehr Lubricants**



Part #	Description	Pcs/Case
L6970	Fehr Multi-Purpose Lube	12
L6930	Fehr Penetrating Oil	12

*Product Information*

- America's most popular Door & Operator lubricants.
- Protects against rust and corrosion.
- Multi-Lube sprays on like a foam and sets up in minutes to a tough, protective grease.



**Lubriplate® Products**

Part #	Description	Pcs/Case
LP-AERO	Lithium based grease (1-3/4 oz. tube)	24
LP-LT	Lubriplate® low temp grease	12

*Product Information*

- Special Low Temp grease is ideal in cold climates. Lubricates to -60° F.
- Lithium-based lubricant outlasts petroleum-based lubricants.

*Fast, efficient service by phone, fax or e-mail.*

*www.fehr.com*

**Slipit® Sliding Compound**

Model	Part #	Capacity
SLIPIT-SPRAY	11 oz Aerosol Spray	12
SLIPIT-P	1 pint Can	24
SLIPIT-Q	1 quart Can	12
SLIPIT-G	1 gallon Can	4
SLIPIT-5G	5 gallon Pail	1

**Product Information**



- For industrial, commercial and home use.
- Never gums or sticks and is harmless to finest finishes and skin.
- FDA and USDA approved for uses having incidental food contact.
- SLIPIT Sliding Compound and Lubri-Can With Silicones are for low-speed applications, within a temperature range of 30°F to 130°F.



**Scrubs®**

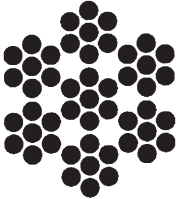
Part #	Description	Weight/Bucket
SCRUBS	Scrubs® Waterless Cleaner Towels	29

**Product Information**

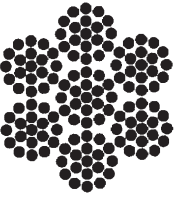
- Cleans grease and lubricants from hands and tools.
- Packing per case: 6 Buckets.



### Stainless Steel Aircraft Cable Type 304



7 x 7



7 x 19

Part #	Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2S7062	1/16"	7 x 7	480	8
2S7093	3/32"	7 x 7	920	16
2S7125	1/8"	7 x 7	1,700	28
2S9125	1/8"	7 x 19	1,760	29
2S9187	3/16"	7 x 19	3,700	65
2S9250	1/4"	7 x 19	6,400	110
2S9312	5/16"	7 x 19	9,000	173
2S9375	3/8"	7 x 19	12,000	243

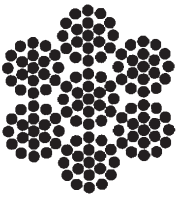


- Refer to Warnings and Cautions regarding Wire Rope and Aircraft Cable prior to use.
- Aircraft cables are not suitable for use in aircraft controls.



- Custom Lengths available on request.
- Test Certificates available on request.

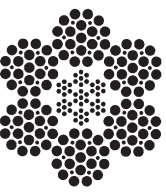
### Stainless Steel Aircraft Cable Type 316



7 x 19

Part #	Diameter	Type	Breaking Strength (lbs)	Wt/1000 ft. (lbs)
2T9125	1/8"	7 x 19	1,530	29
2T9187	3/16"	7 x 19	3,210	65
2T9250	1/4"	7 x 19	5,600	110
2T9312	5/16"	7 x 19	8,200	173
2T9375	3/8"	7 x 19	11,000	243

### Stainless Steel Wire Rope Type 304

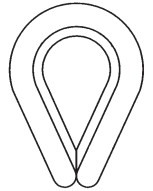


6 x 25

Part #	Diameter	Breaking Strength (lbs)	Wt.(lbs)/100 ft.
<b>6 x 25 IWRC</b>			
SW25S500	1/2"	22,800	46
SW25S625	5/8"	35,000	72
SW25S750	3/4"	49,600	104

## Type 304 Stainless Steel Thimbles

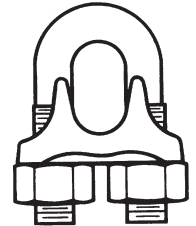
Size	AN Type		Standard Duty		Heavy Duty	
	Part # STAN _ _ _		Part # STH _ _ _ SD		Part # STH _ _ _ HD	
	Pcs/Pk	Wt (lbs)/ Pk	Pcs/Pk	Wt (lbs)/ Pk	Pcs/Pk	Wt (lbs)/ Pk
1/16"	1	.002				
1/8"	1	.005	1	.005		
5/32"	1	.009	1	.007		
3/16"	1	.010	1	.015		
1/4"			1	.025	1	.093
5/16"			1	.032	1	.110
3/8"			1	.062	1	.220
1/2"			1	.093	1	.250
5/8"			1	.190	1	.680
3/4"			1	.320		



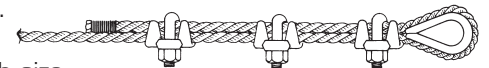
- Match thimble size to cable diameter.

## Type 304 Stainless Steel Precision Cast Wire Rope Clips

Part #	Trade Size	Approx Size (in)	Min# Clips Required	Wt (lbs)/Ea
SWRC062	2	1/16"	3	.02
SWRC125	4	1/8"	3	.04
SWRC187	5	3/16"	3	.08
SWRC250	6	1/4"	3	.09
SWRC312	8	5/16"	3	.18
SWRC375	10	3/8"	3	.34
SWRC500	12	1/2"	4	.51
SWRC625	16	5/8"	4	.87
SWRC750	20	3/4"	5	1.06

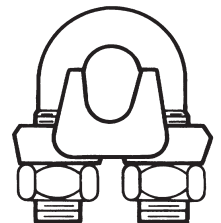


- Apply wire rope clips correctly. U-bolt should be on end of rope.
- Re-tighten clips after initial load.
- Refer to chart for minimum number of clips required for each size.



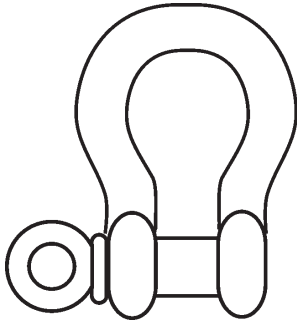
## Type 304 Stainless Steel Drop Forged Wire Rope Clips

Part #	Trade Size (inch)	Min# Clips Required	Wt(lbs)/Ea
SWRCDF125	1/8"	2	.05
SWRCDF187	3/16"	2	.11
SWRCDF250	1/4"	2	.18
SWRCDF312	5/16"	2	.32
SWRCDF375	3/8"	2	.46
SWRCDF500	1/2"	3	.72



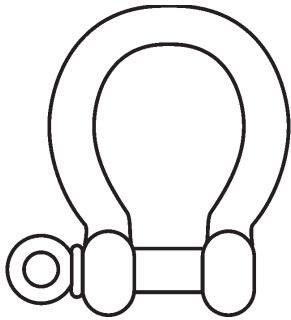
**Stainless Steel Screw Pin Anchor Shackles**

**Large Pin Style *Type 316***



Part #	Size	Pin Diameter)	WLL (lbs)	Wt (lbs)/Ea
SLPA250	1/4"	5/16"	450	.12
SLPA312	5/16"	3/8"	650	.19
SLPA375	3/8"	1/2"	1,000	.34
SLPA500	1/2"	5/8"	1,990	.78
SLPA625	5/8"	3/4"	3,050	1.25
SLPA750	3/4"	7/8"	4,475	2.31

**European Style *Type 304***



Part #	Size	Pin Diameter	WLL (lbs)	Wt (lbs)/Ea
SSPA187	3/16"	3/16"	450	.06
SSPA250	1/4"	1/4"	667	.09
SSPA312	5/16"	5/16"	1,000	.15
SSPA375	3/8"	3/8"	1,500	.31
SSPA500	1/2"	1/2"	3,000	.73



• Not for overhead lifting.

**Stainless Steel Wide D Shackle *Type 316***



Part #	Size	Pin Diameter	WLL (lbs)	Wt (lbs)/Ea
SSDS312	5/16"	5/16"	1,300	.14
SSDS375	3/8"	3/8"	1,500	.33



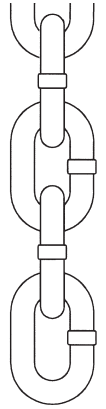
• Not for overhead lifting.





## Type 316 Stainless Steel Chain

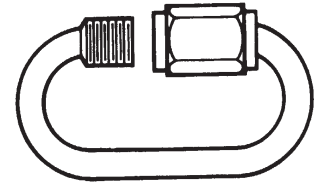
Part #	Trade Size	WLL (lbs)	FT/Drum	Wt/Ft (lbs)
SSPC125	1/8"	375	1,000	.22
SSPC187	3/16"	1,200	1,000	.45
SSPC250	1/4"	2,000	400	.78
SSPC312	5/16"	2,850	275	.97
SSPC375	3/8"	3,550	200	1.67
SSPC500	1/2"	6,500	200	2.25
SSPC625	5/8"	9,500	150	4.10
SSPC750	3/4"	15,000	100	5.30



- Never exceed Working Load Limit of chain.
- Use only Grade 80 Alloy Chain for overhead lifting.

## Type 304 Quick Links, Stainless Steel

Part #	Size	WLL	Pcs/Pack	Wt (lbs)/Ea
SQLI25	1/8"	380	1	.03
SQL187	3/16"	600	1	.05
SQL250	1/4"	1,350	1	.08
SQL312	5/16"	1,940	1	.18
SQL375	3/8"	2,500	1	.30
SQL500	1/2"	4,850	1	.54



- Match Working Load Limit to WLL of chain.
- Inspect and replace if worn, distorted or damaged.

## Stainless Steel Turnbuckles Type 316



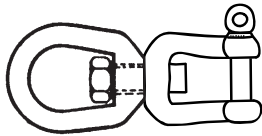
EYE/EYE



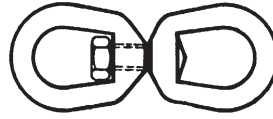
JAW/JAW

Part #	Size x Take-Up	WLL	approx. Wt (lbs)/Ea
S9_ _ 375x06	3/8" x 6"	1,200	.77
S9_ _ 500x06	1/2" x 6"	2,200	1.60
S9_ _ 625x06	5/8" x 6"	3,500	2.40
S9_ _ 750x06	3/4 x 6"	5,200	4.25

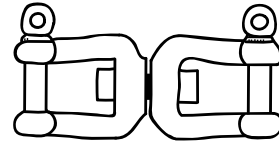
**Stainless Steel Swivels Type 304**



Eye/Jaw



Eye/Eye



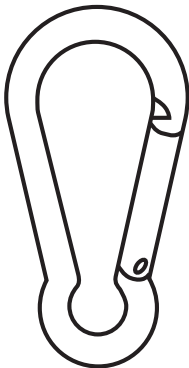
Jaw/Jaw

Part #	Trade Size (inch)	Actual Size (mm)	WLL (lbs)	Wt/Ea (lbs)
SSWIV06 _/_	1/4"	6mm	770	.09
SSWIV08 _/_	3/16"	8mm	1,400	.33
SSWIV10 _/_	3/8"	10mm	2,000	.65
SSWIV13 _/_	1/2"	13mm	3,080	1.50
SSWIV16 _/_	5/8"	16mm	5,500	2.66



• Inspect swivels and replace if worn, distorted or damaged.

**No. 2450 Spring Hooks, Stainless Steel Type 304**



Part #	Size	Wt. (lbs.)/100 Pcs. Without Eye (NE)
SSNAP2450-187	3/16"	3.5
SSNAP2450-250	1/4"	6.3
SSNAP2450-312	5/16"	14.0
SSNAP2450-375	3/8"	19.5
SSNAP2450-437	7/16"	40
SSNAP2450-500	1/2"	73

**Product Information**

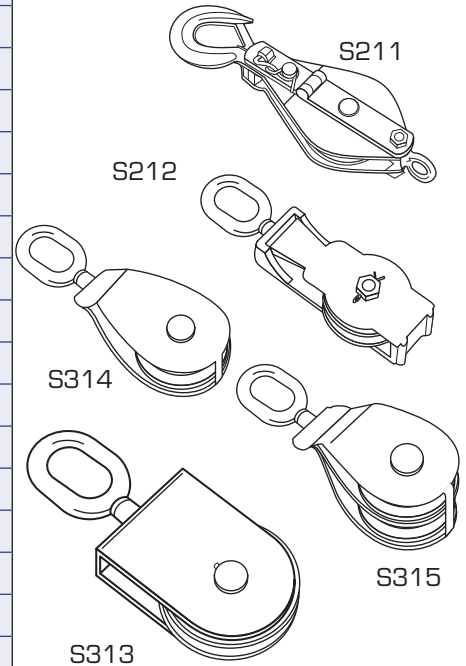
**Types of Stainless Steel**

**Type 302/304/305:** The basic alloy of the group and the one in most general use. It has good corrosion resistance and ranges from non-magnetic to slightly magnetic. The most common grade used in fasteners and fittings. Type 304's low carbon content makes it useful in many welding applications.

**Type 316:** Designed for enhanced corrosion resistance over types 302 and 304. Resists pitting. Excellent for making chain as it exhibits high short-term tensile strengths at elevated temperatures.

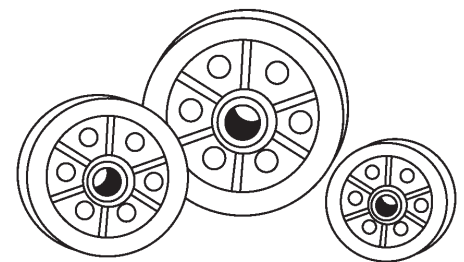
## Type 305 Stainless Steel Blocks

Part #	Sheave Dia.(mm)	Net Wt.(lbs)
<b>Snatch Block, Single Sheave, Eye Head</b>		
S210-75	75	2.25
S210-100	100	4.10
<b>Snatch Block, Single Sheave with Side Latch, Hook Top/Bottom Eye</b>		
S211-75	75	2.50
S211-100	100	4.30
<b>Open Block, Single Sheave with Latch - Swivel Eye</b>		
S212-75	75	3.20
<b>Square Block, Single Sheave - Swivel Eye</b>		
S313-50	50	.97
S313-75	75	2.10
S313-100	100	3.50
<b>Round Block, Single Sheave - Swivel Eye</b>		
S314-25	25	.27
S314-32	32	.37
S314-50	50	.88
<b>Round Block, Double Sheave - Swivel Eye</b>		
S315-32	32	.56
S315-50	50	1.36



## Type 305 Stainless Steel Sheaves

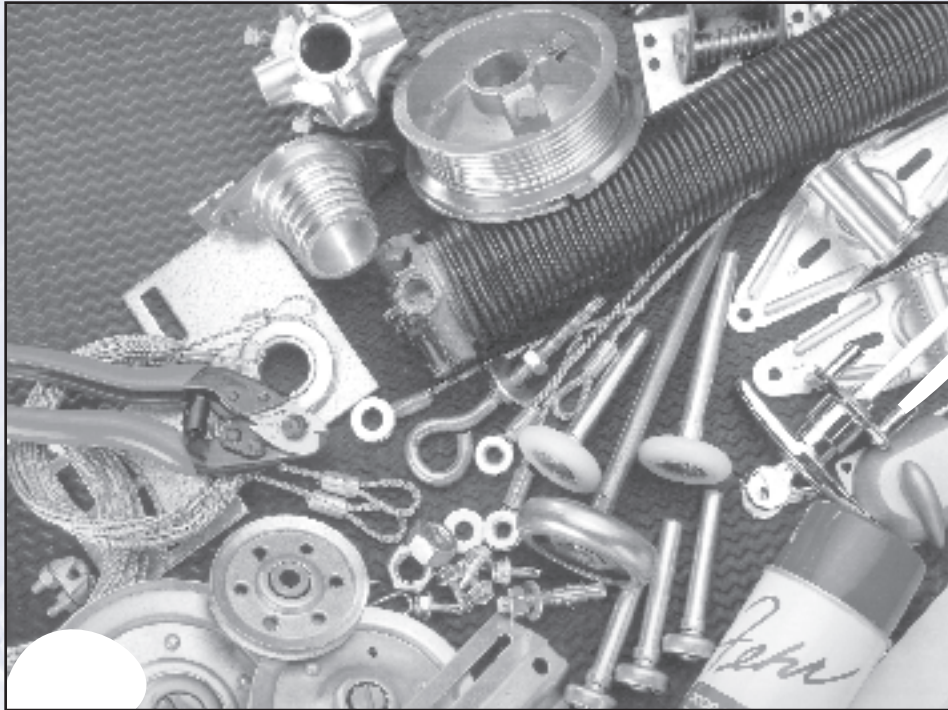
Part #	Part # Dia. (mm)	Bore Dia.(mm)	Wt./Ea (lbs)
SSHV50	50	10	.31
SSHV75	75	13	.63
SSHV100	100	17	1.22



### Product Information

- With bronze bushings.

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**Cable Assemblies** – Cables are electronically fuse cut, machine swaged, coiled in pairs or singly. A variety of end fittings are available to meet virtually any configuration.

**Chain Assemblies** – Assemblies can be made from Grade 30, 43, 70 and 80 chain as well as type 316 stainless steel. Assemblies can be lengths cut to order or fitted with a variety of hooks, shackles or eyebolts to meet your specifications.

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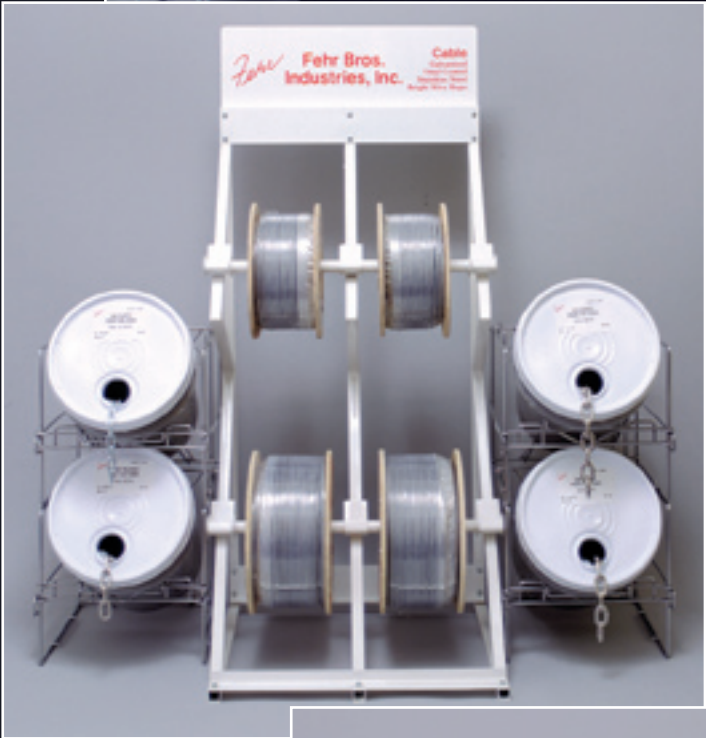
*Cable, Chain, Wire Rope  
and Pegboard Racks can be  
used in combination to create  
the display best suited to  
individual store needs.*

*Units include:*

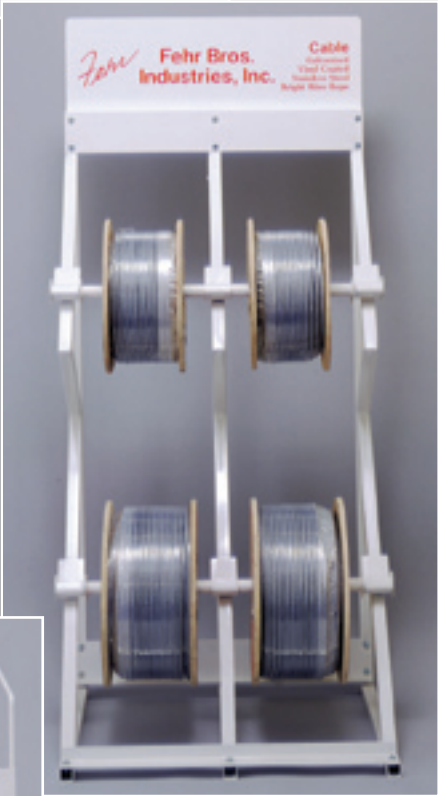
- *Cable Racks*  
*for merchandising cables on  
8-1/2" metal reels*
- *Chain Displays*  
*choose individual racks for  
displaying Dealer Packs*
- *Peg Board Display*  
*attractive, heavy duty 48" display  
to organize your Turnbuckles,  
Shackles, Eyebolts, Hooks and  
other Rigging Hardware items*
- *Wire Rope Rack*  
*heavy duty units display 4 reels  
of wire rope up to 1/2 x 500 ft.*



Chain, Cable and Pegboard Displays



Chain and Wire Rope Displays



Wire Rope Display



Cable Display



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