

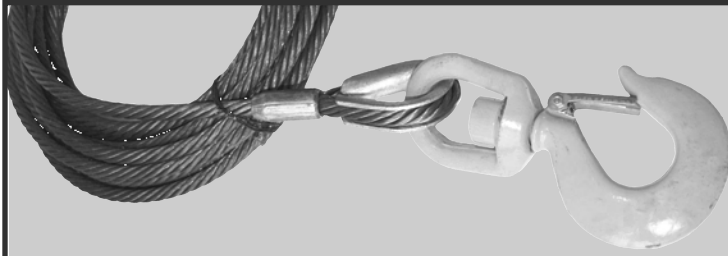
RIGGING CHAIN WIRE ROPE FITTINGS

AIMCO⁺

INTERNATIONAL GROUP



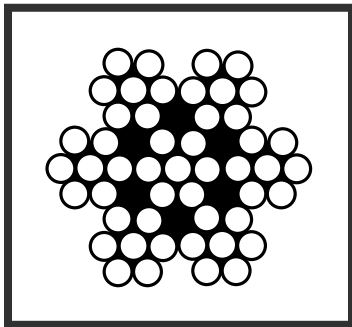
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Aircraft Cable

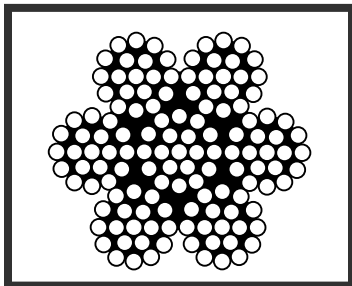
Galvanized Aircraft Cable



7 x 7

Size	Stock Number	Construction	Weight/1,000' (lbs)	Breaking Strength (lbs)
1/16 *	GAC0627X7	7x7	7	480
3/32 *	GAC0937X7	7x7	16	920
1/8 *	GAC1257X7	7x7	28	1,700
3/16 *	GAC1877X7	7x7	62	3,700
3/32 *	GAC0937X19	7x19	17.4	1,050
1/8 *	GAC1257X19	7x19	29	2,000
5/32 *	GAC1567X19	7x19	45	2,800
3/16 *	GAC1877X19	7x19	65	4,200
7/32 *	GAC2187X19	7x19	86	5,600
1/4 *	GAC2507X19	7x19	110	7,000
5/16 *	GAC3127X19	7x19	173	9,800
3/8 *	GAC3757X19	7x19	243	14,400

Standard Reel Lengths in Stock: 250', 500', 1,000', & 5,000'



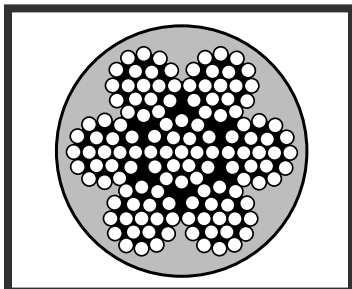
7 x 19

Stainless Steel Aircraft Cable

Type 304

Size	Stock Number	Construction	Weight/1,000' (lbs)	Breaking Strength (lbs)
1/16 *	SSAC0627X7	7x7	7.5	480
3/32 *	SSAC0937X7	7x7	16	920
1/8 *	SSAC1257X7	7x7	28	1,760
1/8 *	SSAC1257X19	7x19	29	1,760
3/16 *	SSAC1877X19	7x19	65	3,700
1/4 *	SSAC2507X19	7x19	110	6,400
5/16 *	SSAC3127X19	7x19	173	9,000
3/8 *	SSAC3757X19	7x19	243	12,000

Standard Reel Lengths in Stock: 250', 500', 1,000', & 5,000' ★ Also available in Type 316.



7 x 19

Vinyl Coated Galvanized Aircraft Cable

Size	Stock Number	Construction	Weight/1,000' (lbs)	Breaking Strength (lbs)
3/64-1/16 *	VCGAC047-062	7x7	7.0	270
1/16-3/32 *	VCGAC062-093	7x7	10.0	480
3/32-1/8 *	VCGAC093-125	7x7	18.5	920
3/32-3/16 *	VCGAC093-187	7x7	25.8	920
1/8-3/16 *	VCGAC125-187	7x7	35.2	1,700
3/16-1/4 *	VCGAC187-250	7x19	77.5	4,200
1/4-5/16 *	VCGAC250-312	7x19	123	7,000
5/16-3/8 *	VCGAC312-375	7x19	197	9,800
3/8-7/16 *	VCGAC375-437	7x19	270	14,400

Standard Reel Lengths in Stock: 250', 500', 1,000', & 5,000'

★ Vinyl coated cable also available in larger sizes and stainless.

*According to Federal Specification RR-W-410D

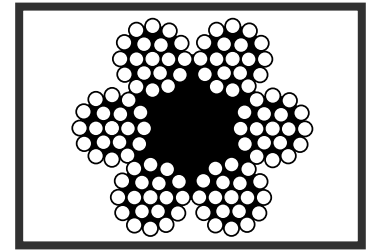
Note: Breaking strength ratings are listed for comparison purposes only. Actual operating loads may vary but should not exceed the recommended design factor of 20% of the product's breaking strength.

Available upon request:
COLOR COATED CABLE,
CABLE ASSEMBLIES, and
NYLON COATED CABLE.

Bright - Wire Rope

6 x 19 Class

Size	Fiber Core			IWRC		
	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs)	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs.)
1/4	BFC2506X19	110	5,480	BIWRC2506X19	120	5,890
5/16	BFC3126X19	160	8,520	BIWRC3126X19	180	9,160
3/8	BFC3756X19	230	12,200	BIWRC3756X19	260	13,100
7/16	BFC4376X19	320	16,540	BIWRC4376X19	350	17,780
1/2	BFC5006X19	420	21,400	BIWRC5006X19	460	23,000
9/16	BFC5626X19	530	27,000	BIWRC5626X19	590	29,000
5/8	BFC6256X19	660	33,400	BIWRC6256X19	720	35,400
3/4	BFC7506X19	950	47,600	BIWRC7506X19	1,040	51,200
7/8	BFC8756X19	1,290	64,400	BIWRC8756X19	1,420	69,200
1	BFC1006X19	1,680	83,600	BIWRC1006X19	1,850	89,800

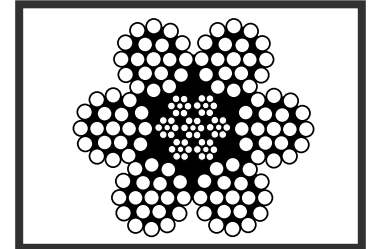


6 x 19
FC

Bright - Wire Rope

6 x 37 Class

Size	Fiber Core			IWRC		
	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs)	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs.)
1/4	BFC2506X37	110	5,480	BIWRC2506X37	120	6,800
5/16	BFC3126X37	160	8,520	BIWRC3126X37	180	9,160
3/8	BFC3756X37	240	12,200	BIWRC3756X37	260	13,100
7/16	BFC4376X37	320	16,540	BIWRC4376X37	350	17,780
1/2	BFC5006X37	420	21,400	BIWRC5006X37	460	23,000
9/16	BFC5626X37	530	27,000	BIWRC5626X37	590	29,000
5/8	BFC6256X37	660	33,400	BIWRC6256X37	720	35,800
3/4	BFC7506X37	950	47,600	BIWRC7506X37	1,040	51,200



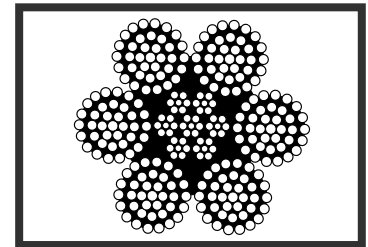
6 x 19
IWRC

Available upon request: Galvanized Wire Rope 6 x 37 Class.

Galvanized - Wire Rope

6 x 19 Class

Size	Fiber Core			IWRC		
	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs)	Stock Number	Weight 1000' (lbs.)	Breaking Strength (lbs.)
3/8	GFC3756X19	230	10,980	GIWRC3756X19	260	11,800
7/16	GFC4376X19	320	14,880	GIWRC4376X19	350	16,000
1/2	GFC5006X19	420	19,260	GIWRC5006X19	460	20,300
9/16	GFC5626X19	530	24,200	GIWRC5626X19	590	26,000
5/8	GFC6256X19	660	30,000	GIWRC6256X19	720	32,200
3/4	GFC7506X19	950	42,800	GIWRC7506X19	1,040	46,000



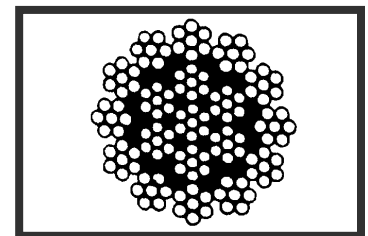
6 x 37
IWRC

Note: According to Federal Specifications RR-W-410D, preformed right regular lay.

Non-Rotating Wire Rope

19 x 7 Class

Size	Stock Number	Weight/1000' (lbs)	Breaking Strength (lbs)
3/8	BIWRC37519X7	250	11,200
7/16	BIWRC43719X7	350	16,000
1/2	BIWRC50019X7	450	19,700
9/16	BIWRC56219X7	570	26,000
5/8	BIWRC62519X7	710	30,600
3/4	BIWRC75019X7	1,020	43,600



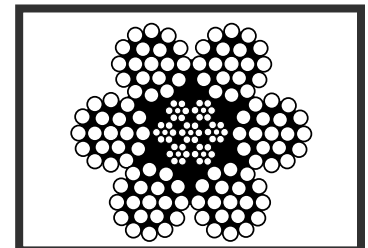
19 x 7
Non-Rotating

Available upon request: Spin Resistant Wire Rope 8 x 25 Class.

Stainless Steel IWRC Wire Rope

6 x 25 Class

Size	Stock Number	Weight/1000' (lbs)	Breaking Strength (lbs)
7/16	SSIWRC437	356	16,300
1/2	SSIWRC500	460	22,800
9/16	SSIWRC562	590	28,500
5/8	SSIWRC625	720	35,000
3/4	SSIWRC750	1040	49,600
7/8	SSIWRC875	1,420	58,000
1	SSIWRC100	1,850	75,200



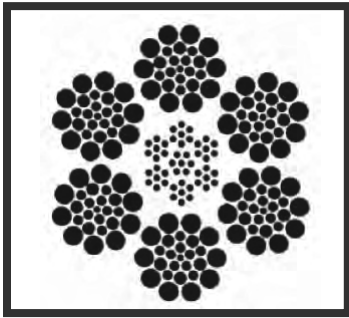
6 x 25
Stainless Steel

Other Wire Ropes Available Upon Request

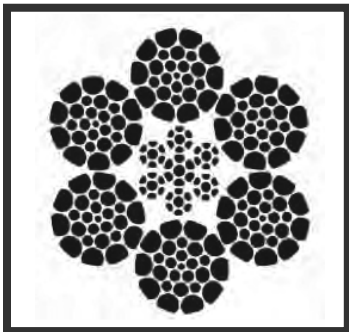
6x31, 4x26 Scaffolding Ropes	All Crane Ropes
35x7 Non-Rotating Cable	Cable Laid 7x7x7
6x26, 3x7 Super Swaged	Large Diameter
6x15 FC Lashing Rope	316 Stainless Steel 6x19 and 6x37

NOTE: Breaking strength ratings are listed for comparison purposes only. Actual operating loads may vary but should not exceed the recommended design factor of 20% of the product's breaking strength.

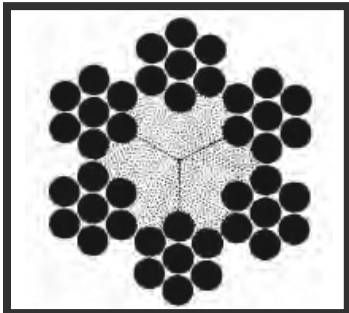
Domestic Wire Rope



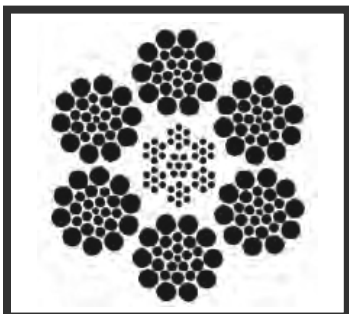
6 x 19 Class



6-PAC



6 x 7



Swaged Tubing Line

Domestic Wire Rope

6 x 19 and 6 x 36 Class

Size	Stock Number 6 x 19	Stock Number 6 x 36	Weight/ 1000' (lbs.)	Breaking Strength (lbs.)
1/4"	BIWRC250D	BIWRC2506X36D	120	6800
5/16"	BIWRC312D	BIWRC3126X36D	180	10540
3/8"	BIWRC375D	BIWRC3756X36D	260	15100
7/16"	BIWRC437D	BIWRC4376X36D	350	20400
1/2"	BIWRC500D	BIWRC5006X36D	460	26600
9/16"	BIWRC562D	BIWRC5626X36D	580	33600
5/8"	BIWRC625D	BIWRC6256X36D	720	41200
3/4"	BIWRC750D	BIWRC7506X36D	1040	58800
7/8"	BIWRC875D	BIWRC8756X36D	1410	79600
1"	BIWRC100D	BIWRC1006X36D	1850	103400
1 1/8"	BIWRC1125D	BIWRC11256X36D	2340	130000
1 1/4"	BIWRC1250D	BIWRC12506X36D	2890	159800
1 3/8"	BIWRC1375D	BIWRC13756X36D	3490	192000
1 1/2"	BIWRC1500D	BIWRC15006X36D	4160	228000

All sizes available up to 2 3/4"

Specialized Wire Rope

6-PAC

Size	Stock Number	Weight/1000' (lbs.)	Breaking Strength (lbs.)
3/8"	6PAC375D	285	16600
7/16"	6PAC437D	388	22400
1/2"	6PAC500D	503	29200
9/16"	6PAC562D	642	37000
5/8"	6PAC625D	795	45400
3/4"	6PAC750D	1143	64800
7/8"	6PAC875D	1547	87600
1"	6PAC100D	2075	113800
1 1/8"	6PAC1125D	2575	143000
1 1/4"	6PAC1250D	3169	175800
1 3/8"	6PAC1375D	3758	212000
1 1/2"	6PAC1500D	4564	250000
1 5/8"	6PAC1625D	5356	292000
1 3/4"	6PAC1750D	6212	338000

Sand Lines & Swabbing Lines 6 x 7

Size	Stock Number	Weight/1000' (lbs.)	Breaking Strength (lbs.)
3/8"	SL375D	210	11720
7/16"	SL437D	290	15860
1/2"	SL500D	380	20600
9/16"	SL562D	480	26000
9/16" *	SL562GD	470	26000
5/8"	SL625D	590	31800

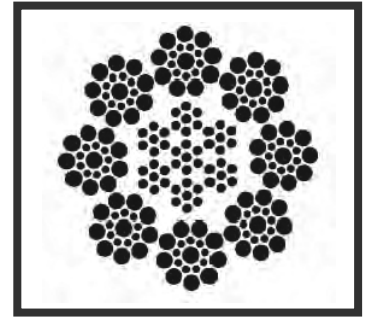
Swaged Tubing Line

Size	Stock Number	Construction	Weight/1000' (lbs.)	Breaking Strength (lbs.)
7/8"	TUB8756X26D	6 x 26 WS	1800	94000
7/8"	TUB8756X31D	6 x 31 WS	1820	94000
1"	TUB1006X26D	6 x 26 WS	2350	124000
1"	TUB1006X31D	6 x 31 WS	2260	124000

Rotation Resistant

8 x 19

Size	Stock Number	Weight/1000'(lbs.)	Breaking Strength(lbs.)
7/16"	BIWRC4378X19D	360	18000
1/2"	BIWRC5008X19D	470	23200
9/16"	BIWRC5628X19D	600	29400
5/8"	BIWRC6258X19D	730	36200
3/4"	BIWRC7508X19D	1060	51800
7/8"	BIWRC8758X19D	1440	70000
1"	BIWRC1008X19D	1880	91000
1 1/8"	BIWRC11258X19D	2390	114600
1 1/4"	BIWRC12508X19D	2940	141000
1 3/8"	BIWRC13758X19D	3560	169800
1 1/2"	BIWRC15008X19D	4240	200000

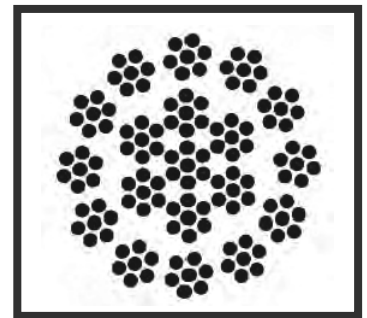


8 x 19

Rotation Resistant

19 x 7

Size	Stock Number	Weight/1000'(lbs.)	Breaking Strength(lbs.)
7/16"	BIWRC43719X7D	350	16660
1/2"	BIWRC50019X7D	450	21600
9/16"	BIWRC56219X7D	580	27200
5/8"	BIWRC62519X7D	710	33600
3/4"	BIWRC75019X7D	1020	48000
7/8"	BIWRC87519X7D	1390	65000
1"	BIWRC10019X7D	1820	84400
1 1/8"	BIWRC112519X7D	2300	106200
1 1/4"	BIWRC125019X7D	2840	130200
1 3/8"	BIWRC137519X7D	3430	156800
1 1/2"	BIWRC150019X7D	4080	185600

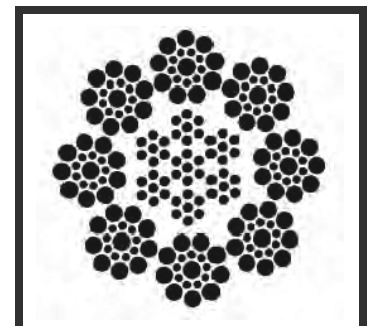


19 x 7

Rotation Resistant

Super Flex Pac 19

Size	Stock Number	Weight/1000'(lbs.)	Breaking Strength(lbs.)
1/2"	SFP19500D	540	29200
9/16"	SFP19562D	690	37000
5/8"	SFP19625D	830	45400
3/4"	SFP19750D	1190	64800
7/8"	SFP19875D	1620	87600
1"	SFP19100D	2120	113800
1 1/8"	SFP191125D	2680	143000
1 1/4"	SFP191250D	3310	175800
1 3/8"	SFP191375D	4010	212000
1 1/2"	SFP191500D	4770	250000



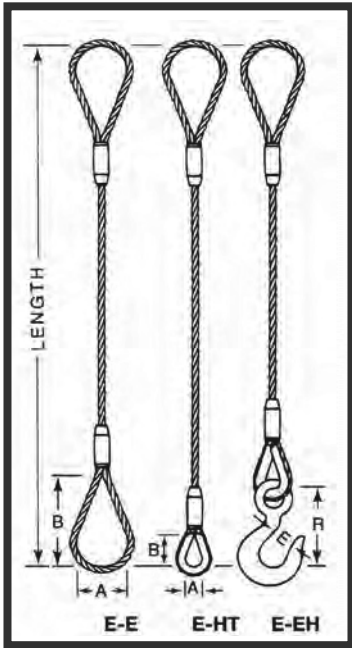
Super Flex Pac 19

Also Available Super Flex Pax 35

Wire Rope Slings

Single Part Wire Rope Slings

Single



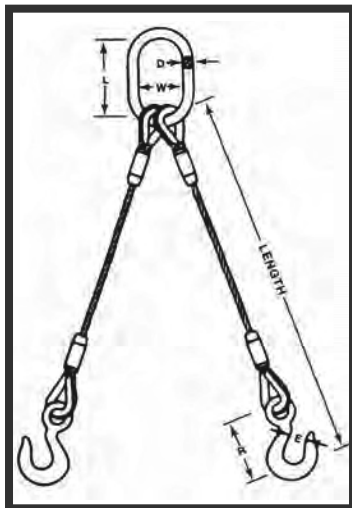
Single Sling Dimensions

Rope Dia.	Rated Capacity - Tons* EIPS IWRC W/R			(Inches) Eye Dimensions		Thimble		Hook		
	Vertical	Choker	Basket	A	B	A	B	WLL** Tons	E	R
1/4	0.65	0.48	1.3	2	4	7/8	1-5/8	1	15/16	3-7/32
5/16	1	0.74	2	2-1/2	5	1-1/16	1-7/8	1	1-1/32	3-21/32
3/8	1.4	1.1	2.9	3	6	1-1/8	2-1/8	1-1/2	1-1/16	4-3/32
7/16	1.9	1.4	3.9	3-1/2	7	1-1/4	2-1/4	2	1-7/32	4-11/16
1/2	2.5	1.9	5.1	4	8	1-1/2	2-3/4	3	1-1/2	5-3/4
9/16	3.2	2.4	6.4	4-1/2	9	1-1/2	2-3/4	4-1/2	1-1/2	5-3/4
5/8	3.9	2.9	7.8	5	10	1-3/4	3-1/4	4-1/2	1-7/8	7-3/8
3/4	5.6	4.1	11	6	12	2	3-3/4	7	1-7/8	7-3/8
7/8	7.6	5.6	15	7	14	2-1/4	4-1/4	11	2-1/4	9-1/16
1	9.8	7.2	20	8	16	2-1/2	4-1/2	11	2-1/4	9-1/16
1-1/8	12	9.1	24	9	18	2-7/8	5-1/8	15	2-1/2	10-1/16
1-1/4	15	11	30	10	20	3-1/2	6-1/4	15	2-1/2	10 1/16
1-1/2	18	13	36	12	24	3-1/2	6-1/4	22	3-3/8	12-1/2
1-3/4	28	16	42	14	28	4-1/2	9	30	4	14-1/16
2	37	28	73	16	32	6	12	37	4 1/4	18-5/16

All capacities in tons (2,000 lbs.). All eye and fitting dimensions in inches.

Two-Leg Bridle Wire Rope Slings

Double



Double Sling Dimensions

Safety hooks are available if required.

Rope Dia.	Rated Capacity - Tons* EIPS IWRC W/R			Alloy Oblong Link (Inches)			Hook		
	30°	45°	60°	D	L	W	WLL** Tons	E	R
1/4	0.65	0.91	1.1	1/2	5	2-1/2	1	15/16	3-7/32
5/16	1	1.4	1.7	1/2	5	2-1/2	1	1-1/32	3-21/32
3/8	1.4	2	2.5	1/2	5	2-1/2	1-1/2	1-1/16	4-3/32
7/16	1.9	2.7	3.4	3/4	5-1/2	2-3/4	2	1-7/32	4-11/16
1/2	2.5	3.6	4.4	3/4	5-1/2	2-3/4	3	1-1/2	5-3/4
9/16	3.2	4.5	5.5	3/4	5-1/2	2-3/4	4-1/2	1-1/2	5-3/4
5/8	3.9	5.5	6.8	1	8	4	4-1/2	1-7/8	7-3/8
3/4	5.6	7.9	9.7	1-1/4	8-3/4	4-3/8	7	1-7/8	7-3/8
7/8	7.6	11	13	1-1/4	8-3/4	4-3/8	11	2-1/4	9-1/16
1	9.8	14	17	1-1/2	10-1/2	5-1/4	11	2-1/4	9-1/16
1-1/8	12	17	21	1-1/2	10-1/2	5-1/4	15	2-1/2	10-1/16
1-1/4	15	21	26	1-3/4	12	6	15	2-1/2	10-1/16
1-1/2	21	30	37	2	14	7	22	3-3/8	12-1/2
1-3/4	28	40	49	2-1/4	16	8	30	4	14-1/16
2	37	52	63	2-3/4	16	9	37	4-1/4	18-5/16

Do not exceed work load limit or 20% of the product's break strength.

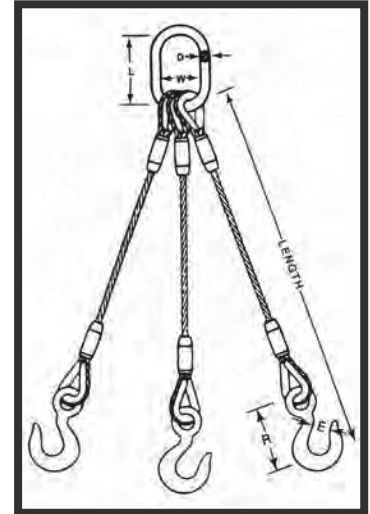
*Rated capacities for unprotected eyes apply only when attachment is made over an object narrower than the natural width of the eye, and apply for basket hitches only when the D/d ratio is 20 or greater, where D = Diameter of curvature around which the body of the sling is bent, and d = nominal diameter of the rope. Note: Fiber core wire rope, deduct 10%.

**Working Load Limit = 20% of break strength unless otherwise noted.

Three-Leg Bridle Wire Rope Slings

Triple

Rope Dia.	Rated Capacity – Tons* EIPS IWRC W/R			Alloy Oblong Link (Inches)			Hook		
	30°	45°	60°	D	L	W	WLL** Tons	E	R
1/4	0.97	1.4	1.7	1/2	5	2 1/2	1	15/16	3-7/32
5/16	1.5	2.1	2.6	1/2	5	2 1/2	1	1-1/32	3-21/32
3/8	2.2	3	3.7	3/4	5-1/2	2 3/4	1-1/2	1-1/16	4-3/32
7/16	2.9	4.1	5	3/4	5-1/2	2 3/4	2	1-7/32	4-11/16
1/2	3.8	5.4	6.6	1	8	4	3	1-1/2	5-3/4
9/16	4.8	6.8	8.3	1	8	4	4-1/2	1-1/2	5-3/4
5/8	5.9	8.3	10	1-1/4	8-3/4	4-3/8	4-1/2	1-7/8	7-3/8
3/4	8.4	12	15	1-1/2	10-1/2	5-1/4	7	1-7/8	7-3/8
7/8	11	16	20	1-1/2	10-1/2	5-1/4	11	2-1/4	9-1/16
1	15	21	26	1-3/4	12	6	11	2-1/4	9-1/16
1-1/8	18	26	31	1-3/4	12	6	15	2-1/2	10-1/16
1-1/4	22	31	38	2	14	7	15	2-1/2	10-1/16
1-1/2	32	45	55	2-1/4	16	8	22	3-3/8	12-1/2



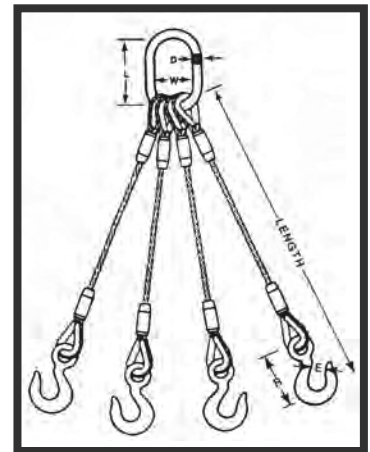
Triple Sling Dimensions

Safety hooks are available if required.

Four-Leg Bridle Wire Rope Slings

Quadruple

Rope Dia.	Rated Capacity – Tons* EIPS IWRC W/R			Alloy Oblong Link (Inches)			Hook		
	30°	45°	60°	D	L	W	WLL** Tons	E	R
1/4	1.3	1.8	2.2	1/2	5	2 1/2	1	15/16	3-7/32
5/16	2	2.8	3.5	3/4	6	3	1	1-1/32	3-21/32
3/8	2.9	4.1	5	3/4	6	3	1-1/2	1-1/16	4-3/32
7/16	3.9	5.5	6.7	1	8	4	2	1-7/32	4-11/16
1/2	5.1	7.1	8.8	1	8	4	3	1-1/2	5-3/4
9/16	6.4	9	11	1-1/4	8-3/4	4-3/8	4-1/2	1-1/2	5-3/4
5/8	7.8	11	14	1-1/2	10-1/2	5-1/4	4-1/2	1-7/8	7-3/8
3/4	11	16	19	1-3/4	12	6	7	1-7/8	7-3/8
7/8	15	21	26	2	14	7	11	2-1/4	9-1/16
1	20	28	34	2-1/4	16	8	11	2-1/4	9-1/16
1-1/8	24	34	42	2-3/4	16	8	15	2-1/2	10-1/16
1-1/4	30	42	51	2-3/4	16	9	15	2-1/2	10-1/16



Quadruple Sling Dimensions

Do not exceed work load limit or 20% of the product's break strength.

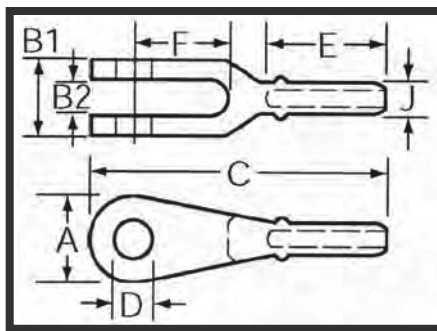
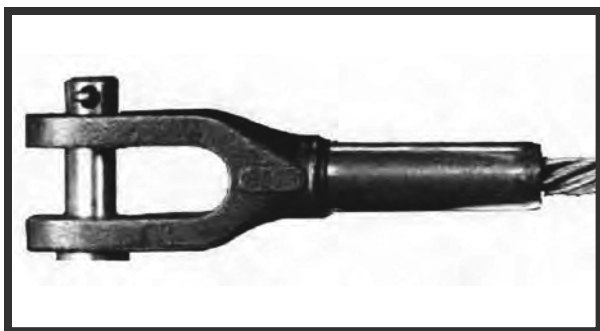
*Rated capacities for unprotected eyes apply only when attachment is made over an object narrower than the natural width of the eye, and apply for basket hitches only when the D/d ratio is 20 or greater, where D = Diameter of curvature around which the body of the sling is bent, and d = nominal diameter of the rope.

**Working Load Limit

Sockets

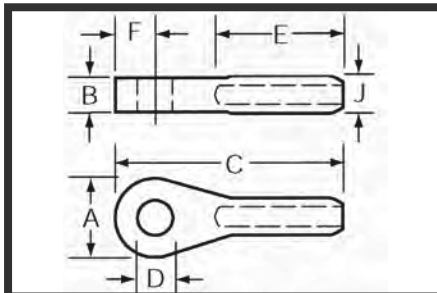
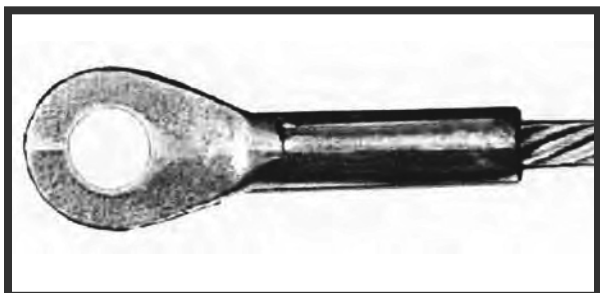
Open Swage Sockets

Part Number	Rope Size	Wt. Each	Pin Wt.	Pin Dia.	A	B1	B2	Overall Length C	Pin Hole D	Die E	F	Descr.
4002382	5/16	1.7	0.50	13/16	1-11/16	1-5/8	13/16	6	7/8	2	1-3/4	3/8 OC
4181353	3/8	1.7	0.50	13/16	1-11/16	1-5/8	13/16	6	7/8	2	1-3/4	3/8 OC
4181354	7/16	3	0.75	1	2	2	1	7-5/16	1-1/16	3	2	1/2 OC
4179732	1/2	3	0.75	1	2	2	1	7-5/16	1-1/16	3	2	1/2 OC
4002388	9/16	5	1	1-3/16	2-1/2	2-3/8	1-1/4	8-7/8	1-1/4	3-5/8	2-14	5/8 OC
4002391	5/8	5	1	1-3/16	2-1/2	2-3/8	1-1/4	8-7/8	1-1/4	3-5/8	2-14	5/8 OC
4002393	3/4	9	1.50	1-3/8	3	2-3/4	1-7/16	10-3/8	1-7/16	4-1/8	2-3/4	3/4 OC
4002395	7/8	11.5	2.50	1-5/8	3-1/2	3-1/4	1-3/4	12-1/2	1-11/16	5-1/2	3-1/4	3/4 OC
4002397	1	19	4.50	2	4	3-3/4	2	14-1/4	2-1/16	6-1/2	3-3/4	7/8 OC
4002400	1-1/8	24	6	2-1/4	4-1/2	4-1/4	2-1/4	17-7/8	2-5/16	9	4-1/4	1 OC



Closed Swage Sockets

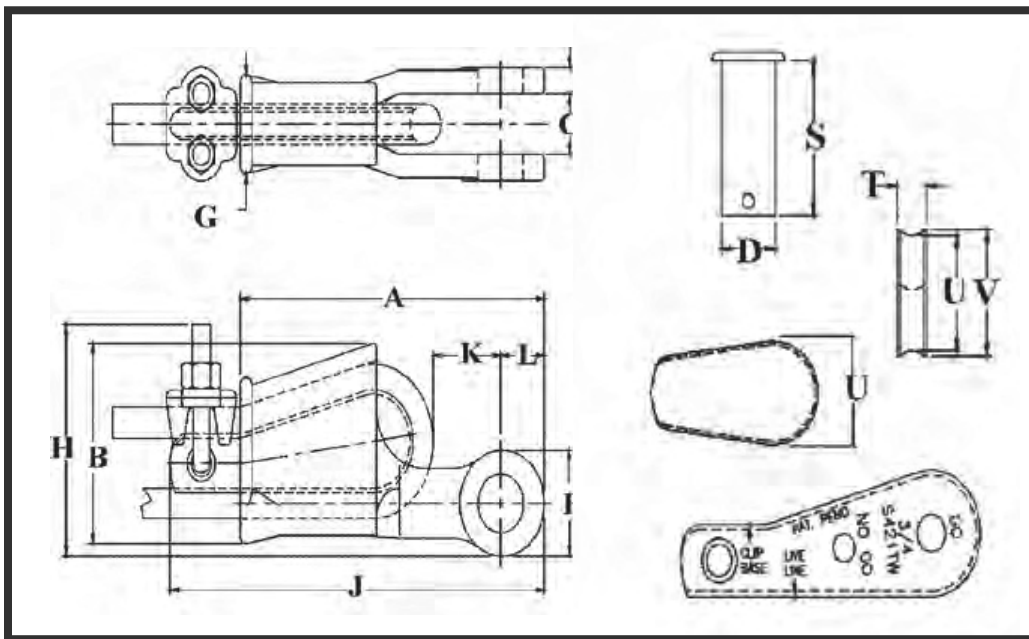
Part Number	Rope Size	Wt. Each	A	B	Overall Length C	Pin Hole D	E	F	Shank Dia.		Die Descr.
									Before J	After J	
5102784	5/16	1	1-11/16	11/16	4-5/8	7/8	2	7/8	7/8	0.76	3/8 OC
5130291	3/8	1	1-11/16	11/16	4-5/8	7/8	2	7/8	7/8	0.76	3/8 OC
5130293	7/16	1.5	2	13/16	5-7/8	1-1/16	3	1-1/8	1-1/8	1.01	1/2 OC
5111839	1/2	1.5	2	13/16	5-7/8	1-1/16	3	1-1/8	1-1/8	1.01	1/2 OC
5102808	9/16	2.5	2-1/2	1-1/8	7-1/4	1-1/4	3-5/8	1-3/8	1-7/16	1.27	5/8 OC
5102814	5/8	2.5	2-1/2	1-1/8	7-1/4	1-1/4	3-5/8	1-3/8	1-7/16	1.27	5/8 OC
5102820	3/4	3	3	1-5/16	8-3/8	1-7/16	4-1/8	1-5/8	1-23/32	1.53	3/4 OC
5102826	7/8	6	3-1/2	1-1/2	10-1/8	1-11/16	5-1/2	1-7/8	1-23/32	1.53	3/4 OC
5102832	1	10	4	1-3/4	11-9/16	2-1/16	6-1/2	2-3/16	1-31/32	1.76	7/8 OC
5112070	1-1/8	16	4-1/2	2	14-3/4	2-5/16	9	2-7/16	2-1/4	2.04	1 OC



Wedge Sockets

Socket, Wedge, Pin, and Wire Rope Clip

Wire Rope Dia.		Stock No.	Weight Each (lbs.)	Stock No. Wedge Only	Wedge Only Weight Each (lbs.)
(in.)	(mm)				
3/8	9-10	1035000	3.18	1035555	.50
1/2	11-13	1035009	6.15	1035564	1.05
5/8	14-16	1035018	9.70	1035573	1.79
3/4	18-19	1035027	14.50	1035582	2.60
7/8	20-22	1035036	21.50	1035591	4.00
1	24-26	1035045	30.75	1035600	5.37
1-1/8	28	1035054	45.30	1035609	7.30
1-1/4	30-32	1035063	64.90	1035618	10.60



Wedge Socket Dimensions

Wire Rope Dia. (in)			Dimensions in Inches														
(in)	(mm)	Stock No.	A	B	C	D	G	H	J*	K*	L	P	R	S	T	U	V
3/8	9-10	1035000	5.69	2.72	.81	.81	1.38	3.06	7.80	1.88	.88	1.56	.44	2.13	.44	1.25	1.38
1/2	11-13	1035009	6.88	3.47	1.00	1.00	1.62	3.76	8.91	1.26	1.06	1.94	.50	2.56	.53	1.75	1.88
5/8	14-16	1035018	8.25	4.30	1.25	1.19	2.12	4.47	10.75	1.99	1.22	2.25	.56	3.25	.69	2.00	2.19
3/4	18-19	1035027	9.88	5.12	1.50	1.38	2.44	5.28	12.36	2.41	1.40	2.63	.66	3.63	.78	2.34	2.56
7/8	20-22	1035036	11.25	5.85	1.75	1.63	2.69	6.16	14.37	2.48	1.67	3.13	.75	4.31	.88	2.69	2.94
1	24-26	1035045	12.81	6.32	2.00	2.00	2.94	6.96	16.29	3.04	2.00	3.75	.88	4.70	1.03	2.88	3.28
1-1/8	28	1035054	14.38	6.92	2.25	2.25	3.31	7.62	18.34	2.56	2.25	4.25	1.00	5.44	1.10	3.25	3.56
1-1/4	30-32	1035063	16.34	8.73	2.62	2.50	3.56	9.39	20.48	2.94	2.34	4.50	1.06	6.13	1.19	4.62	4.94

*Nominal

NOTE: For intermediate wire rope sizes, use next larger size socket.

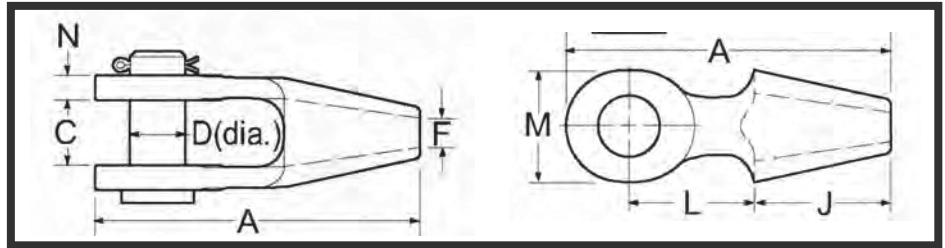
This wedge is designed to be assembled only in the socket body with which it is sold.

Spelter Sockets

Open Spelter Sockets

Galvanized

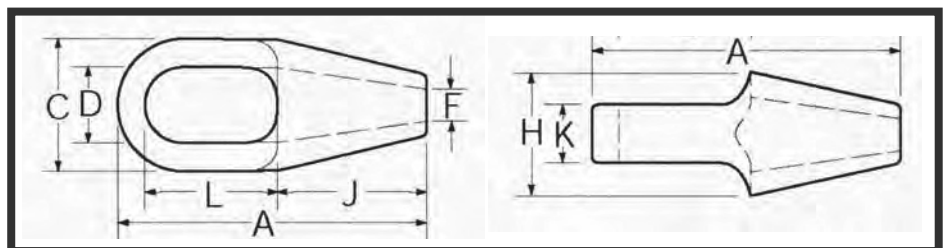
Item No.	Pattern No.	Rope Dia. in/mm	Strand Dia. in/mm	Weight lb/kg	Dim. A in/mm	Dim. C in/mm	Dim. D in/mm	Dim. F in/mm	Dim. J in/mm	Dim. L in/mm	Dim. M in/mm	Dim. N in/mm
4043941	L-7000G	0.56-0.63 14-16	0.50 13	4 1.8	6.75 172	1.25 32	1.19 30	0.69 18	3 76	2.56 65	2.25 57	0.56 14
4043942	L-7001G	0.75 17-19	0.56-0.63 14-16	7 3.2	7.94 202	1.5 38	1.36 35	0.81 21	3.5 89	3 76	2.63 967	0.69 18
4043943	L-7002G	0.88 20-22	0.69-0.75 17-19	10 4.5	9.25 235	1.75 44	1.63 41	1 25	4 102	3.5 89	3.25 83	0.81 21
4043944	L-7003G	1 23-26	0.81-0.88 20-22	15 6.8	10.56 268	2 51	2 51	1.13 29	4.5 114	4 102	3.75 95	0.94 24
4043945	L-7004G	1.13 27-30	0.94-1.00 23-25	23 10.4	11.88 302	2.25 57	2.25 57	1.25 32	5.06 129	4.5 114	4.13 105	1 25
4043946	L-7005G	1.25-1.38 31-36	1.06-1.13 26-29	33 15	13.06 33	2.5 26	2.5 44	1.5 38	5.38 137	5 127	4.63 118	1.13 29
4043947	L-7006G	1.5 37-39	1.19-1.25 30-32	43 19.5	15.13 384	3 76	2.75 70	1.63 41	6 152	6 152	5.38 137	1.19 30

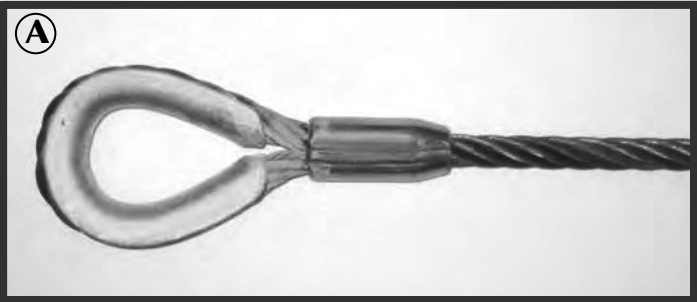


Closed Spelter Sockets

Galvanized

Item No.	Pattern No.	Rope Dia. in/mm	Strand Dia. in/mm	Weight lb/kg	Dim. A in/mm	Dim. C in/mm	Dim. D in/mm	Dim. F in/mm	Dim. H in/mm	Dim. J in/mm	Dim. K in/mm	Dim. L in/mm
4124439	L-7032G	0.56-0.63 14-16	0.50 13	3 1.4	6.38 162	2.63 67	1.38 35	0.69 18	2.38 60	3 76	1 25	2.50 64
4111726	L-7033G	0.75 17-19	0.56-0.63 14-16	5 2.3	7.63 194	3 76	1.63 41	0.81 21	2.75 70	3.5 89	1.25 32	3.06 78
4060012	L-7034G	0.88 20-22	0.69-0.75 17-19	9 4.1	8.88 226	3.63 92	1.88 48	1 25	3.13 80	4 102	1.50 38	3.56 90
4060013	L-7035G	1 23-26	0.81-0.88 20-22	12 5.4	10 254	4.13 105	2.25 57	1.13 29	3.75 95	4.5 114	1.75 45	4.06 13
4058967	L-7036G	1.13 27-30	0.94-1.00 23-25	17 7.7	11.13 283	4.50 114	2.50 64	1.25 32	4.13 105	5 127	2 51	4.56 116
1085018	L-7037G	1.25-1.38 31-36	1.06-1.13 26-29	22 10	12.31 313	5 127	2.75 70	1.5 38	4.75 121	5.5 140	2.19 56	4.94 126
4048218	L-7038G	1.5 37-39	1.19-1.25 30-32	30 13.6	14 356	5.38 137	3.13 80	1.63 41	5.25 133	6 152	2.50 64	6 152





Thimble Eye



GAC Winch



Fixed Eye Hoist Hook



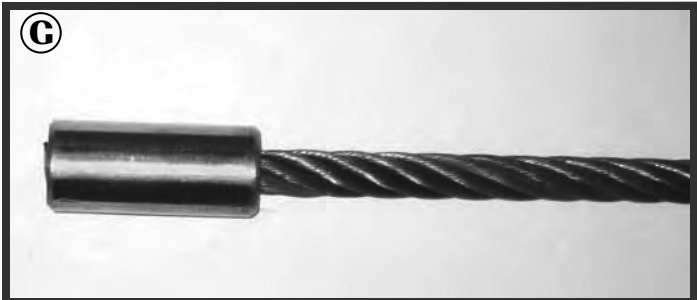
Swivel Eye Hoist Hook



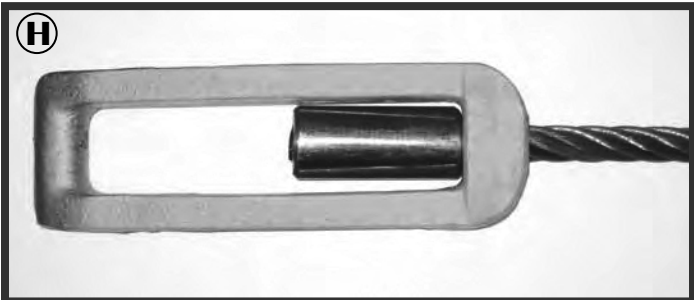
Fixed Eye Self Locking



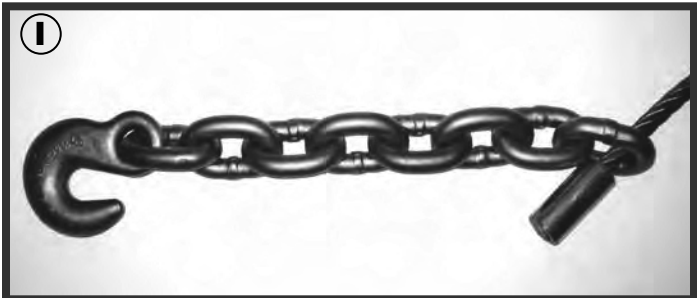
Swivel Self Locking



Button



Roll Off



Tail Chain






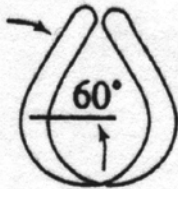
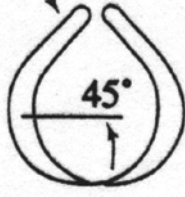
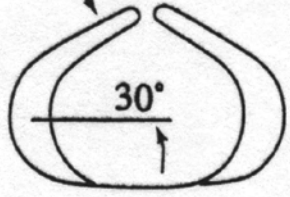
Logging Swaged

Also available: Rolog Wedge Ferrules (OSHA Knots)

Wire Rope Fabrication Options

Grommets

Cable Laid – Vertical, Choker, or Basket Hitches

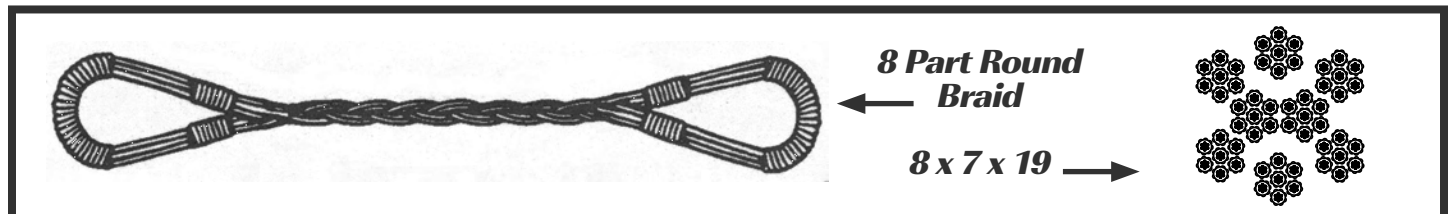
Rated Capacity in Tons of 2,000 lbs.						
Grommet Body Diameter (Inches)	Vertical	Choker	Vertical Basket	60°	45°	30°
						
COMPONENT ROPE 7x6x19 OR 36 IWRC CABLE LAID						
3/4	6.2	4.1	12	11	8.8	6.2
7/8	8.3	5.4	17	14	12	8.3
1	11	6.8	21	18	15	11
1-1/8	13	8.4	26	22	18	13
1-1/4	16	10	31	27	22	16

Rated capacities shown apply only to 6x19 and 6x36 classification EIPS wire rope.

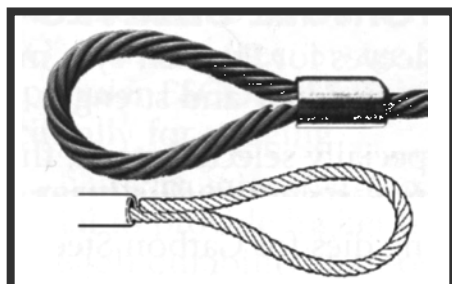
Braided Sling

8 Part Round Braid

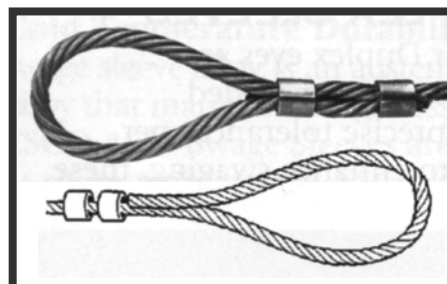
Component Rope Dia. (in)	Sling Body Dia. (in)	Rated Capacity (tons)			Min. Sling Length	Standard Eye (in) W x L	Slip Thru Thimble Eye Size (in) W x L
		Vertical	Choker	Vertical Basket			
1/8	9/16	1.1	1.0	2.2	2'0"	3 x 6	2-1/8 x 4-1/8
3/16	13/16	2.4	2.1	4.7	3'0"	4 x 8	2-3/8 x 4-3/8
1/4	1-1/8	3.9	3.4	7.8	3'6"	5 x 10	3-3/8 x 6-5/8



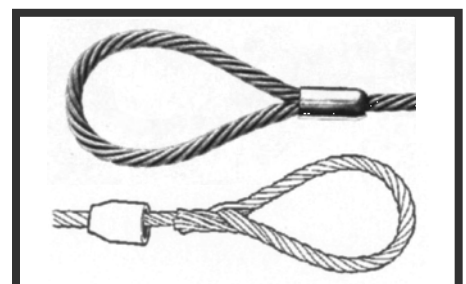
Wire Rope Fabrication Techniques



One Piece Turnback

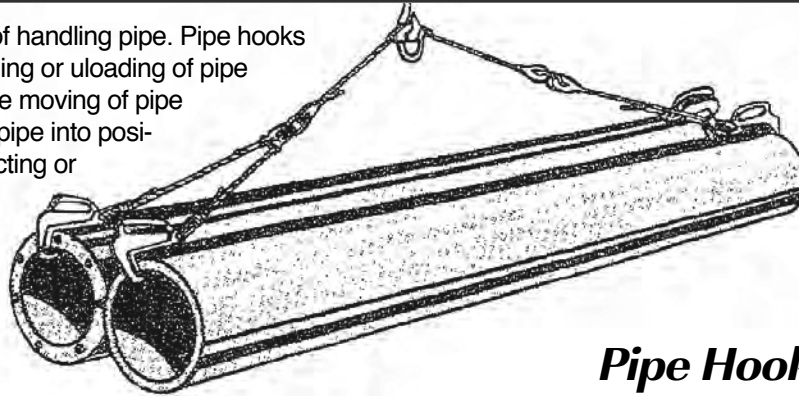


Two Piece Turnback



Flemish Eye

Ease the job of handling pipe. Pipe hooks speed up loading or unloading of pipe sections, or the moving of pipe when placing pipe into position for connecting or welding.



Pipe Hook



Pipe Hook

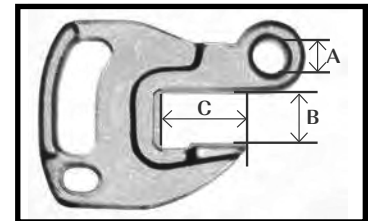
Dimensions & Data

Number	A	B	C	Rope Size In Inches	W.L.L.	Weight
2	1-1/4	1	3-1/4	3/8 - 5/8	8500	8-1/2 lbs.
3	1-1/4	2	3-1/4	3/8 - 5/8	7500	10-1/2 lbs.

No. 2: Equipped with soft brass inserts to prevent damaging thin wall gas or oil pipe.

No. 3: Same as No. 2 with a longer throat opening. Has brass insert.

Note: Working loads shown in table are based on slings using two pipe hooks



Combination Clamp & Thimble

Rope Size	Part Number	Weight/Piece	WLL
1/8"	CCT125	0.2	300
3/16"	CCT187	0.3	600
1/4"	CCT250	0.5	1000
5/16"	CCT312	0.7	1600
3/8"	CCT375	1.8	2200
7/16"	CCT437	2.3	3000
1/2"	CCT500	3.5	4000
9/16"	CCT562	3.5	5000
5/8"	CCT625	5	6000
3/4"	CCT750	10.5	8800
7/8"	CCT875	14	12000
1"	CCT100	19	15500



Combo Clamp/Thimble

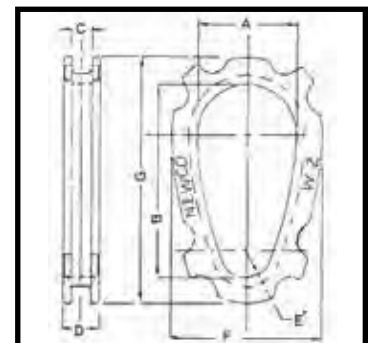


Slip Thru Thimble

Slip-Thru Thimble

Size	Part Number	A	B	C	D	E	F	G	Weight/Piece
5/16"-3/8"	W-2	2-1/8"	4-1/8"	7/16"	13/16"	9/16"	3 1/4"	5 1/4"	1.3
1/2"-9/16"	W-3	2-3/8"	4-3/8"	5/8"	1"	5/8"	4"	6"	1.5
5/8"-3/4"	W-4	3-3/8"	6-5/8"	13/16"	1-5/16"	5/8"	5-3/8"	8-1/2"	3.4
7/8"-1"	W-5	3-3/4"	7-1/8"	1-1/8"	1-5/8"	7/8"	6-1/4"	9-3/8"	5.5
1-1/8"-1-1/4"	W-6	4-3/8"	8-3/8"	1-3/8"	1-7/8"	1"	7-1/8"	11"	8.6
1-3/8"-1-1/2"	W-7	5"	9-1/2"	1-5/8"	2-1/8"	1-1/4"	8-1/8"	12-1/2"	10

Larger sizes available upon request.



Wire Rope Clips

Malleable and Drop-Forged Wire Rope Clips



Malleable



Drop-Forged



Stainless Steel



Double Grip

Method of Application:

1. Turn back the specified amount of rope from the thimble. Apply the first clip one base width from the dead end of the wire rope.



2. Apply the next clip as near the loop as possible. Turn on the nuts but do not tighten.



3. Space additional clips equally between the first two. Take up rope slack. Tighten all nuts evenly on all clips.



Size	Malleable, Zinc Plated					Drop-Forged, Galvanized				
	Stock Number	Weight/100 pcs. (lbs)	Min. Clips Req'd	Torque in lbs. ft.*	Turn Back Length (in)	Stock Number	Weight/100 pcs. (lbs)	Min. Clips Req'd	Torque in lbs. ft.*	Turn Back Length (in)
1/16	MWRC062	3	3	2	3	-	-	-	-	
1/8	MWRC125	4	3	3	4 3/4	DFWRC125	5	2	4.5	3 1/4
3/16	MWRC187	7	3	4.5	5 1/2	DFWRC187	10	2	7.5	3 3/4
1/4	MWRC250	14	3	15	7	DFWRC250	18	2	15	4 3/4
5/16	MWRC312	15	3	15	7 3/4	DFWRC312	31	2	30	5 1/4
3/8	MWRC375	21	3	30	9 1/2	DFWRC375	46	2	45	6 1/2
7/16	MWRC437	37	4	40	10 1/4	DFWRC437	73	3	65	7
1/2	MWRC500	38	4	45	15 1/4	DFWRC500	73	3	65	11 1/2
9/16	MWRC562	59	4	50	16	DFWRC562	96	3	95	12
5/8	MWRC625	59	4	75	16	DFWRC625	104	3	95	12
3/4	MWRC750	84	5	75	22 1/4	DFWRC750	150	4	130	18
7/8	MWRC875	125	5	130	23 1/2	DFWRC875	244	4	225	19
1	MWRC100	166	6	130	31	DFWRC100	270	5	225	26
1-1/8	MWRC1125	211	7	200	39 1/2	DFWRC1125	310	6	225	34
1-1/4	-	-	-	-		DFWRC1250	460	7	360	44
1-3/8	-	-	-	-		DFWRC1375	520	7	360	44
1-1/2	-	-	-	-		DFWRC1500	590	8	360	54
1-3/4	-	-	-	-		DFWRC1750	980	8	590	58

* Torque values shown are based on clean, unlubricated threads. Wire rope clips are not designed for load carrying purposes. Therefore working load limits have not been established.

Note: Malleable Wire Rope Clips made according to Federal Specification FF-C-450 D, Type 1, Class 2. Forged Wire Rope Clips made according to Federal Specification FF-C-450 D, Type 1, Class 1.

304 or 316 Stainless Steel Double Grip

Size	Stock Number	Wt./100 Pcs.	Min. Clips Req'd	Turn Back Length (in)
1/16	SWRC062	2	2	2-1/2
1/8	SWRC125	5	2	3-1/4
3/16	SWRC187	11	3	3-3/4
1/4	SWRC250	19	3	4-3/4
5/16	SWRC312	30	3	5-1/4
3/8	SWRC375	46	3	6-1/2
1/2	SWRC500	68	3	11-1/2
5/8	SWRC625	92	3	12
3/4	SWRC750	104	4	18
7/8	SWRC875	168	4	19
1	SWRC100	186	5	26

Size	Stock Number	Wt./100 Pcs.	Min. Clips Req'd	Turn Back Length (in)
1/4	FIST250	18.5	2	4
5/16	FIST312	28	2	5
3/8	FIST375	40	2	5-1/2
7/16	FIST437	70	2	6-1/2
1/2	FIST500	75	3	11
9/16	FIST562	100	3	12-3/4
5/8	FIST625	100	3	13-1/2
3/4	FIST750	175	3	16

Wire Rope Thimbles

Standard Duty and Heavy Duty

Size	Standard Duty		Heavy Duty	
	Stock Number	Wt./100 Pcs. (lbs)	Stock Number	Wt./100 Pcs. (lbs)
1/8	TSD125	2	THD125	-
3/16	TSD187	2.7	THD187	-
1/4	TSD250	2.8	THD250	7.5
5/16	TSD312	3.6	THD312	14
3/8	TSD375	5.8	THD375	25
7/16	-	-	THD437	36
1/2	TSD500	13	THD500	51
5/8	TSD625	36	THD625	75
3/4	TSD750	50	THD750	147
7/8	TSD875	85	THD875	185
1	TSD100	104	THD100	300
1 1/8 – 1 1/4	TSD1125-1250	175	THD1125-1250	380
1 1/4 – 1 3/8	-	-	THD1250-1375	860
1 3/8 – 1 1/2	-	-	THD1375-1500	1,100
1 5/8	-	-	THD1625	1,180
1 3/4	-	-	THD1750	1,790



Standard Duty



Heavy Duty

Note: Standard Duty - According to Federal Specification FF-276b, Type 11

Note: Heavy Duty - According to Federal Specification FF-276b, Type 111

Stainless Steel

Wire Rope Thimbles

Standard Duty and Heavy Duty

Size	SS Standard Duty		SS Heavy Duty	
	Stock Number	Wt./100 Pcs. (lbs)	Stock Number	Wt./100 Pcs. (lbs)
1/16	STH062SD	1	-	-
3/32	STH093SD	2	-	-
1/8	STH125SD	2	-	-
3/16	STH187SD	2	-	-
1/4	STH250SD	3	STH250HD	6
5/16	STH312SD	4	STH312HD	9
3/8	STH375SD	6	STH375HD	16
1/2	STH500SD	9	STH500HD	25
5/8	STH625SD	18	STH625HD	66
3/4	STH750SD	28	STH750HD	125
1	STH100SD	46	STH100HD	225
1 1/4	-	-	STH1250HD	336



Stainless Steel Standard Duty



Stainless Steel Heavy Duty

Note: Standard Duty - According to Federal Specification FF-276b, Type 11

Note: Heavy Duty - According to Federal Specification FF-276b, Type 111

Swage Fittings



Aluminum Sleeves



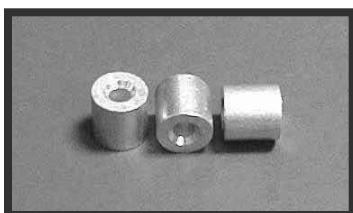
Plain Copper Sleeves



**Zinc Plated
Copper Sleeves**



Stainless Steel Sleeves



Aluminum Stops



Copper Stops

Sleeves - Swage Fittings

Aluminum & Copper

Cable Size	Aluminum		Copper	
	Stock Number	Wt./100 Pcs.	Stock Number	Wt./100 Pcs.
1/16	ASL062	0.10	CSL062	0.29
3/32	ASL093	0.32	CSL093	0.60
1/8	ASL125	0.66	CSL125	1.62
5/32	ASL156	0.80	CSL156	2.28
3/16	ASL187	1.52	CSL187	5.20
7/32	ASL218	1.42	CSL218	4.55
1/4	ASL250	2.52	CSL250	7.85
5/16	ASL312	4.35	CSL312	11.86
3/8	ASL375	5.82	CSL375	15.8
7/16	ASL437	11.8	—	—

Note Packaging: 100 pieces or 1,000 pieces per carton.

Sleeves - Swage Fittings *Zinc Plated Copper & Stainless Steel*

Cable Size	Zinc Plated		Stainless Steel	
	Stock Number	Wt./100 Pcs.	Stock Number	Wt./100 Pcs.
1/16	CSL062ZP	0.30	SSSL062	0.18
3/32	CSL093ZP	0.50	SSSL093	0.20
1/8	CSL125ZP	1.60	SSSL125	0.40
5/32	CSL156ZP	2.20	—	—
3/16	CSL187ZP	5.10	SSSL187	1.70
7/32	CSL218ZP	4.40	—	—
1/4	CSL250ZP	7.80	SSSL250	4.50
5/16	CSL312ZP	11.50	SSSL312	—
3/8	CSL375ZP	14.60	SSSL375	—
7/16	—	—	—	—

Note Packaging: 100 pieces or 1,000 pieces per carton.

Stops - Swage Fittings

Aluminum & Copper

Cable Size	Aluminum		Copper	
	Stock Number	Wt./100 Pcs.	Stock Number	Wt./100 Pcs.
1/16	AST062	0.60	CST062	0.19
3/32	AST093	0.23	CST093	0.78
1/8	AST125	0.21	CST125	0.90
5/32	AST156	0.37	CST156	1.20
3/16	AST187	0.35	CST187	1.05
7/32	AST218	0.63	CST218	1.86
1/4	AST250	2.10	CST250	6.10
5/16	AST312	2.2	CST312	5.20
3/8	AST375	2.2	CST375	4.58

Note Packaging: 100 pieces or 1,000 pieces per carton.

Swaging Tools, Cutters

Cable and Wire Rope Cutters

Model	Cable Size	Case Pack	Type	Length (in)	Weight (lbs)
CUTTER187	1/64 - 3/16	1	One Hand	8	0.62
CUTTER500	1/4 - 1/2	1	Two Hand	18	8
CUTTER625	3/8 - 5/8	1	Two Hand	24	12

Note: Cable cutters are sharp tools. Use cable cutters with extreme caution. Only use the cable cutters to cut steel cable and wire rope.



Cutter 187



Cutter 500, 625



Swager 062



Swager 125



Swager 250-312



Swager 375

Swaging Tools

Model	Cable Size	Number of Cavities	Type	Length (in)	Weight (lbs)
SWAGER062	1/16, 3/32	1	One Hand	8	1
SWAGER125	1/16, 1/8, 5/32	3	One Hand	11	4.0
HSC-600	1/16 through 3/16	5	Two Hand	26	6.5
HSC-600BENCH	1/16 through 3/16	5	Bench Mounted	22.5	6.6
SWAGER250-312	1/4 & 5/16	1	Two Hand	30	10
SWAGER375	3/8	1	Two Hand	36	13.5

Note: Always follow swaging instructions provided with the tools. Use a gauge to check that the sleeves have been fully swaged. Properly swaged aluminum and copper sleeves will develop the rated breaking strength of the cable.



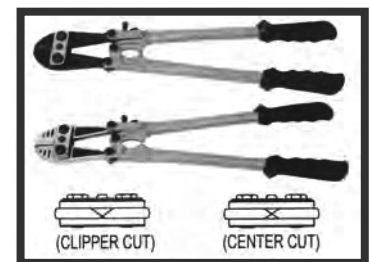
HSC-600



HSC-600 Bench

Chain and Bolt Cutters

Model	Maximum Chain Size	Length (in)	Weight (lbs)
CUTTERCH375	3/8" G-70	30	9
CUTTERCH500	1/2" G-43	36	11
CUTTERCH625	1/2" G-70	42	13



Bolt Cutters

Hydraulic Chain Cutter

Model	Capacity	Stock Number	Handle	Weight (lbs)
44	3/8" High Test Chain	Call For Part Number	45	35
88	3/8" Alloy, 1/2" High Test, 1/2" SS		50	46



Chain Cutter 44

Chain Cutter 88

Cable and Wire Rope Measuring Meter

Model	Cable Size	Stock Number	Max Length (ft)	Weight (lbs)
#1410	1/16 - 1	Call for part number.	9,999	5

Turnbuckles

Hot Galvanized - Drop Forged



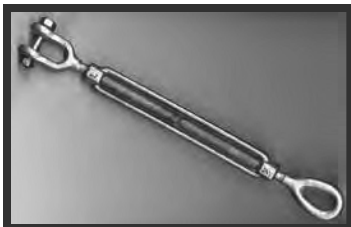
Eye & Eye



Eye & Hook



Hook & Hook



Eye & Jaw



Jaw & Jaw



Stub End

Size	Overall Closed Length (in)	Approximate Weight/Piece (lbs)			Working Load Limit (lbs)	
		Eyes &/ or Hooks	Eye & Jaw	Jaw & Jaw	Hook & Hook Eye & Hook	Eye & Eye Eye & Jaw Jaw & Jaw
1/4 x 4	8.1	0.30	0.30	0.40	400	500
5/16 x 4-1/2	9.5	0.50	0.53	0.58	700	800
3/8 x 6	11.8	0.75	0.82	0.93	1,000	1,200
1/2 x 6	13.5	1.50	1.62	1.68	1,500	2,200
1/2 x 9	16.5	1.75	1.82	1.85	1,500	2,200
1/2 x 12	19.5	2.18	2.19	2.20	1,500	2,200
5/8 x 6	15.5	2.63	2.59	2.82	2,250	3,500
5/8 x 9	18.3	3.00	3.01	3.25	2,250	3,500
5/8 x 12	21.3	3.25	3.50	3.75	2,250	3,500
3/4 x 6	17.1	3.75	4.25	4.68	3,000	5,200
3/4 x 9	20.1	4.50	5.0	5.38	3,000	5,200
3/4 x 12	23.1	5.75	5.75	6.12	3,000	5,200
3/4 x 18	29.1	7.0	7.25	7.75	3,000	5,200
7/8 x 12	24.6	8.38	8.88	9.36	4,000	7,200
7/8 x 18	30.6	10.25	10.6	11.44	4,000	7,200
1 x 6	21.0	9.04	9.50	10.2	5,000	10,000
1 x 12	26.9	11.25	12.0	12.88	5,000	10,000
1 x 18	32.9	14.0	14.75	16.1	5,000	10,000
1 x 24	39.1	17.0	17.75	18.6	5,000	10,000
1-1/4 x 12	30.1	19.0	21.2	23.6	6,500	15,200
1-1/4 x 18	36.1	24.1	26.0	26.6	6,500	15,200
1-1/4 x 24	42.1	25.0	28.7	31.2	6,500	15,200
1-1/2 x 12	32.3	27.0	31.1	35.5	7,500	21,400
1-1/2 x 18	38.3	31.2	36.4	40.7	7,500	21,400
1-1/2 x 24	44.3	38.2	44.2	47.6	7,500	21,400
2 x 24	51.7	85.3	89	95.25	—	37,000

According to Federal Specification FF-T-791b.

Note: Ultimate Load is 5 times the Working Load Limit.

Turnbuckles - Stub End

Self Colored

Size	Overall Closed Length (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8 x 6	16.0	0.75	1,200
1/2 x 6	16.0	1.25	2,200
5/8 x 6	16.0	2.11	3,500
3/4 x 6	17.0	3.25	5,200
7/8 x 6	18.0	4.78	7,200
1 x 6	19.0	6.36	10,000
1-1/4 x 6	20.0	10.40	15,200
1-1/2 x 6	20.5	15.40	21,400

Stock Number Guide

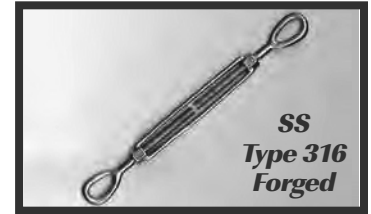
Eye & Eye	Eye & Hook	Hook & Hook	Eye & Jaw	Jaw & Jaw	Stub End
TBEE(Size)	TBEH(Size)	TBHH(Size)	TBEJ(Size)	TBJJ(Size)	TBSS(Size)

Stainless/Aluminum Turnbuckles

Stainless Steel Forged Turnbuckles

Type 316

Size	Stock Number		Weight/Piece (lbs)	Working Load (lbs)
	Eye & Eye	Jaw & Jaw		
1/4 x 4	SSTB250EE	SSTB250JJ	0.20	500
5/16 x 4-1/2	SSTB312EE	SSTB312JJ	0.37	800
3/8 x 6	SSTB375EE	SSTB375JJ	0.75	1,200
1/2 x 6	SSTB500EE	SSTB500JJ	1.50	2,200
5/8 x 6	SSTB625EE	SSTB625JJ	2.63	3,500
3/4 x 6	SSTB750EE	SSTB750JJ	3.75	5,200
1 x 6	SSTB100X6EE	SSTB100X6JJ	8.5	10,000
1 x 12	SSTB100EE	SSTB100JJ	11.5	10,000
1-1/4 x 12	SSTB1250EE	SSTB1250JJ	21.5	15,200



Eye & Eye Turnbuckle



Jaw & Jaw Turnbuckle

Stainless Steel Cast Turnbuckles

Type 316

Size	Stock Number			Weight/Piece (lbs)	Working Load Limit (lbs)
	Eye & Eye	Hook & Hook	Jaw & Jaw		
3/16 x 2-3/4	SSTB187EEC	SSTB187HHC	SSTB187JJC	0.15	320
1/4 x 4	SSTB250EEC	SSTB250HHC	SSTB250JJC	0.25	450
5/16 x 4-1/2	SSTB312EEC	SSTB312HHC	SSTB312JJC	0.38	850
3/8 x 6	SSTB375EEC	SSTB375HHC	SSTB375JJC	0.75	1,200
1/2 x 6	SSTB500EEC	SSTB500HHC	SSTB500JJC	1.50	1,650
5/8 x 6	SSTB625EEC	SSTB625HHC	SSTB625JJC	2.63	2,000
3/4 x 6	SSTB750EEC	SSTB750HHC	SSTB750JJC	3.75	3,000



Eye & Eye Turnbuckle



Hook & Hook Turnbuckle

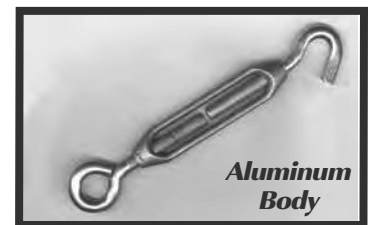


Jaw & Jaw Turnbuckle

Aluminum Cast Midget Turnbuckles

Turned Steel
Eye & Hook

Size	Stock Number	Overall Closed Length	Weight/Piece (lbs)
1/4 x 2-7/8	TBEH250x2875AC	5-3/8	0.25
5/16 x 3-1/2	TBEH312x3500AC	5-7/8	0.30
3/8 x 4-1/8	TBEH375x4125AC	7-3/8	0.35



Midget Turnbuckle

Eye Bolts, Eye Nuts

Eye Bolts – Hot Galvanized, Drop Forged



Regular Nut Eye Bolt



Shoulder Nut Eye Bolt



Eye Nut

Size	Stock Number		Working Load Limit (lbs)	Weight/Piece (lbs)	
	Regular	Shoulder		Regular	Shoulder
1/4 x 2	EB250X2P	EB250X2S	500	0.07	0.06
1/4 x 4	EB250X4P	EB250X4S	500	0.12	0.09
5/16 x 2-1/4	EB312X225P	EB312X225S	800	0.13	0.11
5/16 x 4-1/4	EB312X425P	EB312X425S	800	0.20	0.15
3/8 x 2-1/2	EB375X250P	EB375X250S	1,200	0.24	0.19
3/8 x 4-1/2	EB375X4P	EB375X4S	1,200	0.31	0.25
3/8 x 6	EB375X6P	EB375X6S	1,200	0.35	0.32
3/8 x 8	EB375X8P	EB375X8S	1,200	0.40	0.38
1/2 x 3-1/4	EB500X325P	EB500X325S	2,200	0.55	0.51
1/2 x 6	EB500X6P	EB500X6S	2,200	0.62	0.59
1/2 x 8	EB500X8P	EB500X8S	2,200	0.78	n/a
1/2 x 10	EB500X10P	EB500X10S	2,200	0.88	n/a
1/2 x 12	EB500X12P	EB500X12S	2,200	1.05	n/a
1/2 x 18	EB500X18P	EB500X18S	2,200	1.25	n/a
5/8 x 4	EB625X4P	EB625X4S	3,500	1.01	0.83
5/8 x 6	EB625X6P	EB625X6S	3,500	1.24	1.0
5/8 x 8	EB625X8P	EB625X8S	3,500	1.31	n/a
5/8 x 10	EB625X10P	EB625X10S	3,500	1.60	n/a
5/8 x 12	EB625X12P	EB625X12S	3,500	1.86	n/a
5/8 x 15	EB625X15P	EB625X15S	3,500	2.10	n/a
5/8 x 18	EB625X18P	EB625X18S	3,500	2.40	n/a
5/8 x 21	EB625X21P	EB625X21S	3,500	2.65	n/a
5/8 x 24	EB625X24P	EB625X24S	3,500	3.25	n/a
3/4 x 4-1/2	EB750X450P	EB750X450S	5,200	1.61	1.5
3/4 x 6	EB750X6P	EB750X6S	5,200	1.84	1.7
3/4 x 8	EB750X8P	EB750X8S	5,200	2.08	n/a
3/4 x 10	EB750X10P	EB750X10S	5,200	2.30	n/a
3/4 x 12	EB750X12P	EB750X12S	5,200	2.52	n/a
3/4 x 15	EB750X15P	EB750X15S	5,200	2.70	n/a
7/8 x 5	EB875X5P	EB875X5S	7,200	2.50	n/a
7/8 x 6	EB875X6P	EB875X6S	7,200	2.84	n/a
7/8 x 8	EB875X8P	EB875X8S	7,200	3.20	n/a
7/8 x 12	EB875X12P	EB875X12S	7,200	3.87	n/a
1 x 6	EB100X6P	EB100X6S	10,000	3.85	3.75
1 x 9	EB100X9P	EB100X9S	10,000	4.52	4.29
1 x 12	EB100X12P	EB100X12S	10,000	5.26	n/a
1 x 18	EB100X18P	—	10,000	6.67	n/a

Note: Ultimate Load is 5 times the Working Load Limit. Working Load Limit applies to straight line pull only. Angle pulls can only be used with shoulder eye bolts and the Working Load Limit is reduced: 45° pull - 30% of WLL, 90° pull - 25% of WLL.

Eye Nuts - Hot Galvanized, Drop Forged

Standard Tap Size	Standard Bail Size	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	1/4	EN250HDG	520	0.09
5/16	1/4	EN312HDG	700	0.10
3/8	5/16	EN375HDG	1,250	0.15
1/2	3/8	EN500HDG	2,250	0.28
5/8	1/2	EN625HDG	3,600	0.55
3/4	5/8	EN750HDG	5,200	1.00
7/8	3/4	EN875HDG	7,200	1.50
1	7/8	EN100HDG	10,000	2.45

Stainless Steel Eye Bolts, Eye Nuts

Stainless Steel Eye Bolts

With Nut and Washer

Forged Size	Stock Number			Working Load Limit (lbs)			Weight/Piece (lbs)		
	Forged Welded	Forged Shoulder	Shoulder	Welded	Shoulder	Shoulder	Welded	Shoulder	Shoulder
1/4 x 1-1/2	SEB250X150W	SEB250X150S	SEB250X150F	200	400	400	0.03	0.03	0.03
1/4 x 2-1/4	SEB250X225W	SEB250X225S	SEB250X225F	200	400	400	0.05	0.05	0.05
1/4 x 3	SEB250X300W	SEB250X300S	SEB250X300F	200	400	400	0.06	0.06	0.06
5/16 x 2-1/4	SEB312X225W	SEB312X225S	SEB312X225F	350	800	800	0.10	0.10	0.10
5/16 x 3	SEB312X300W	SEB312X300S	SEB312X300F	350	800	800	0.13	0.13	0.13
5/16 x 4	SEB312X400W	SEB312X400S	SEB312X400F	350	800	800	0.15	0.15	0.15
5/16 x 4-1/2	SEB312X450W	SEB312X450S	SEB312X450F	350	800	800	0.17	0.17	0.17
3/8 x 1-1/4	SEB375X125W	SEB375X125S	SEB375X125F	600	1,350	1,350	0.16	0.16	0.16
3/8 x 3	SEB375X300W	SEB375X300S	SEB375X300F	600	1,350	1,350	0.22	0.22	0.22
3/8 x 4	SEB375X400W	SEB375X400S	SEB375X400F	600	1,350	1,350	0.25	0.25	0.25
3/8 x 4-1/2	SEB375X450W	SEB375X450S	SEB375X450F	600	1,350	1,350	0.28	0.28	0.28
1/2 x 4	SEB500X400W	SEB500X400S	SEB500X400F	1,000	2,100	2,100	0.40	0.40	0.40
1/2 x 4-1/2	SEB500X450W	SEB500X450S	SEB500X450F	1,000	2,100	2,100	0.45	0.45	0.45
5/8 x 6	–	SEB625X600S	SEB625X600SF	–	3,800	3,800	–	1.10	1.10
3/4 x 6	–	SEB750X600S	SEB750X600SF	–	6,200	6,200	–	1.60	1.60

Stainless Steel Lifting Eye Bolts - UNC Thread Type 316

Size	Stock Number	Shank Length (in)	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	SLEB250	9/16	400	0.05
5/16	SLEB312	9/16	800	0.07
3/8	SLEB375	11/16	1,320	0.13
1/2	SLEB500	7/8	2,100	0.30
5/8	SLEB625	1-1/16	3,900	0.45
3/4	SLEB750	1-1/8	6,300	0.79
1	SLEB100	1-3/8	9,500	1.65



**Fabricated
Shoulder Eye Bolt**



**Forged
Shoulder Eye Bolt**



Welded Eye Bolt



**Lifting Eye
Bolt**



**Lifting Eye
Nut**

Stainless Steel Lifting Eye Nuts - UNC Thread Type 316

Size	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	SSEN250	400	0.05
5/16	SSEN312	800	0.07
3/8	SSEN375	1,320	0.14
1/2	SSEN500	2,100	0.30
5/8	SSEN625	3,900	0.45
3/4	SSEN750	6,300	0.80
1	SSEN100	9,500	1.65

Eye Bolts



**Shoulder Pattern
Screw Eye Bolt**

Shoulder Pattern Screw Eye Bolts

Galvanized

Size (in)	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4 x 2	SCEB250X200	500	0.04
5/16 x 2-1/4	SCEB312X225	800	0.06
3/8 x 2-1/2	SCEB375X250	1,200	0.18
1/2 x 3-1/4	SCEB500X325	2,200	0.37
5/8 x 4	SCEB625X400	3,500	0.84
3/4 x 4-1/2	SCEB750X450	5,200	1.27



**Shoulder Pattern
Machinery Eye Bolt**

Machinery Eye Bolts – Shoulder Pattern or Plain Pattern

Self Colored

Size (in)	Stock Number		Working Load Limit (lbs)	Weight/Piece (lbs)
	Shoulder	Plain Pattern		
1/4 x 1	MEB250X100S	MEB250X100P	650	0.05
5/16 x 1-1/8	MEB312X1125S	MEB312X1125P	1,200	0.08
3/8 x 1-1/4	MEB375X1250S	MEB375X1250P	1,550	0.15
1/2 x 1-1/2	MEB500X1500S	MEB500X1500P	2,600	0.35
5/8 x 1-3/4	MEB625X1750S	MEB625X1750P	5,200	0.65
3/4 x 2	MEB750X200S	MEB750X200P	7,200	1.00
7/8 x 2-1/4	MEB875X2250S	MEB875X2250P	10,600	1.53
1 x 2-1/2	MEB100X2500S	MEB100X2500P	13,300	2.30
1-1/4 x 3	MEB1250X300S	MEB1250X300P	21,000	3.80
1-1/2 x 3-1/2	MEB1500X3500S	MEB1500X3500P	24,000	7.00



**Plain Pattern
Machinery Eye Bolt**

IMPORTANT SAFETY INFORMATION:

Direction of Pull (from in-line)	Adjusted Working Load
45 degrees	30% of rated working load
90 degrees	25% of rated working load

Warning: The full ratings of machinery eye bolts can only be achieved by pulling directly in line with the threads. For angled lifts, we recommend swivel hoist rings. (see pg. 25)

Swivel Hoist Rings, Swivel Eye Bolts

Safety Swivel Hoist Rings

Machined

Item#	U-Bar Diameter	Rated Load	Thread Size	Thread Protrusion	Torque
46100	3/8"	600 lbs	1/4"-20	0.54 Inch	6 ft/lb
46104	3/8"	800 lbs	5/16"-18	0.54 Inch	7 ft/lb
46106	3/8"	1000 lbs	3/8"-16	0.54 Inch	12 ft/lb
46606	1/2"	2000 lbs	7/16"-14	1.07 inch	22 ft/lb
46602	1/2"	2500 lbs	1/2"-13	1.07 Inch	28 ft/lb
46008	3/4"	2500 lbs	1/2"-13	0.78 Inch	28 ft/lb
46007	3/4"	2500 lbs	9/16"-12	0.78 Inch	30 ft/lb
46002	3/4"	4000 lbs	5/8"-11	0.78 Inch	60 ft/lb
46018	3/4"	5000 lbs	3/4"-10	1.53 Inch	100 ft/lb
46204	1"	7000 lbs	3/4"-10	1.04 Inch	100 ft/lb
46202	1"	8000 lbs	7/8"-9	1.04 Inch	160 ft/lb
46210	1"	10000 lbs	1"-8	1.29 Inch	230 ft/lb



**Swivel Hoist Ring
Machined**

Swivel Hoist Ring

Forged

Item#	Rated Load	Thread Size	Thread Protrusion	Torque
56100	600 lbs	1/4" - 20	0.50 inch	5 ft/lb
56102	800 lbs	5/16" - 18	0.50 or 1.00 inch	7 ft/lb
56106	1000 lbs	3/8" - 16	0.50 or 1.00 inch	12 ft/lb
56008	2500 lbs	1/2" - 13	0.75 inch	28 ft/lb
56010	2500 lbs	1/2" - 13	1.00 inch	28 ft/lb
56012	2500 lbs	1/2" - 13	1.25 inch	28 ft/lb
56002	4000 lbs	5/8" - 11	0.75 inch	60 ft/lb
56004	4000 lbs	5/8" - 11	1.00 inch	60 ft/lb
56006	4000 lbs	5/8" - 11	1.25 inch	60 ft/lb
56014	5000 lbs	3/4" - 10	1.00 or 1.50 inch	100 ft/lb
56204	7000 lbs	3/4" - 10	1.00 inch	100 ft/lb
56203	7000 lbs	3/4" - 10	1.25 inch	100 ft/lb
56206	7000 lbs	3/4" - 10	1.50 inch	100 ft/lb
56202	8000 lbs	7/8" - 9	1.00 or 1.25 inch	160 ft/lb
56210	10000 lbs	1" - 8	1.25 inch	230 ft/lb
56212	10000 lbs	1" - 8	1.50 inch	230 ft/lb
56214	10000 lbs	1" - 8	2.25 inch	230 ft/lb
56802	15000 lbs	1-1/4" - 7	2.00 or 2.75 inch	470 ft/lb
56702	20000 lbs	1-3/8" - 6	2.75 inch	540 ft/lb
56404	24000 lbs	1-1/2" - 6	2.75 inch	800 ft/lb



**Swivel Hoist Ring
Forged**

Note: Metric sizes also available.

Swivel Eye Bolt

Item #	Thread Diameter/Pitch	Thread Length	W.L.L.	Safety Factor	Weight/Piece
SEB M8	8mm / 1.25	14mm	660 lbs	5	.52 lb
SEB M10	10mm / 1.50	17mm	1320 lbs	5	.53 lb
SEB M12	12mm / 1.75	21mm	2200 lbs	5	.54 lb
SEB M16	16mm / 2.00	27mm	3520 lbs	5	1.75 lb
SEB M20	20mm / 2.50	30mm	5500 lbs	5	1.76 lb
SEB M24	24mm / 3.00	36mm	8800 lbs	5	5.72 lb
SEB M30	30mm / 3.50	45mm	13860 lbs	5	5.94 lb
SEB M36	36mm / 4.00	54mm	22000 lbs	5	17.6 lb
SEB M42	42mm / 4.50	63mm	27500 lbs	5	17.82 lb
SEB M48	48mm / 5.00	68mm	33000 lbs	4	19.8 lb



**Swivel Eye Bolt
Machined**

Rope



Manila Rope

Manila Rope

3 Strand, Twisted Manila Rope

Size (in)		Stock Number	Strength Feet/Reel	Wt/100 ft (lbs)	(lbs)
Diameter	Circumference				
3/16	5/8	MAN187X600	600	405	1.5
1/4	3/4	MAN250X625	600	540	2.0
5/16	1	MAN312X600	600	900	2.9
3/8	1-1/8	MAN375X600	600	1,215	4.1
1/2	1-1/2	MAN500X600	600	2,385	7.5
5/8	2	MAN625X600	600	3,960	13.3
3/4	2-1/4	MAN750X600	600	4,860	16.7
7/8	2-3/4	MAN875X600	600	6,930	22.5
1	3	MAN100X600	600	8,100	27.0



Polypropylene Rope

Polypropylene Rope

3 Strand, Twisted Yellow Rope

Size (in)		Stock Number	Strength Feet/Reel	Wt/100 ft (lbs)	(lbs)
Diameter	Circumference				
3/16	5/8	POLY187X600	600	720	0.7
1/4	3/4	POLY250X600	600	1,130	1.2
5/16	1	POLY312X600	600	1,710	1.8
3/8	1-1/8	POLY375X600	600	2,430	2.8
1/2	1-1/2	POLY500X600	600	3,780	4.7
5/8	2	POLY625X600	600	5,580	7.5
3/4	2-1/4	POLY750X600	600	7,650	10.7
7/8	2-3/4	POLY875X600	600	10,400	15.0
1	3	POLY100X600	600	12,600	18.0



Nylon Rope

Nylon Rope

3 Strand, Twisted White Rope

Size (in)		Stock Number	Strength Feet/Reel	Wt/100 ft (lbs)	(lbs)
Diameter	Circumference				
3/16	5/8	NYLON187X600	600	1,000	1.2
1/4	3/4	NYLON250X600	600	1,650	2.0
5/16	1	NYLON312X600	600	2,550	3.1
3/8	1-1/8	NYLON375X600	600	3,700	4.5
1/2	1-1/2	NYLON500X600	600	6,400	8.0
5/8	2	NYLON625X600	600	10,400	13.0
3/4	2-1/4	NYLON750X600	600	14,200	17.5
7/8	2-3/4	NYLON875X600	600	20,000	25.0
1	3	NYLON100X600	600	25,000	30.5



Tagline

Taglines available – call with diameter and length requirements.

Plasma® 12 Strand

Nominal Diameter		Size (circ. in.)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100 ft	K g/100m	Lbs	Te (tonnes)
1/4	6	3/4	1.6	2.4	8,000	3.6
5/16	8	15/16	2.5	3.7	11,700	5.3
3/8	9	1-1/8	3.7	5.5	17,500	7.9
ABS and DNV Type Approved Sizes						
7/16	11	1-1/4	4.2	6.3	21,000	9.5
1/2	12	1-1/2	6.4	9.5	31,300	14.2
9/16	14	1-3/4	7.9	11.8	37,900	17.2
5/8	16	2	10.6	15.8	51,400	23.3
3/4	18	2-1/4	13.3	19.8	68,500	31.1
7/8	22	2-3/4	19.6	29.2	92,600	42.0
1	24	3	23.4	34.8	110,000	49.9
1-1/8	28	3-1/2	31.9	47.5	147,000	66.7
1-1/4	30	3-3/4	36.2	53.9	165,000	74.9

Tensile Strengths are determined in accordance with Cordage Institute 1500.2.

Features & Benefits

- Highest strength
- Lowest stretch
- Low creep
- Soft hand
- Torque-free
- Easy splicing
- Floats



Plasma® Bridles

Rope Size Diameter	Minimum Tensile Strength lbs.	Minimum Tensile Strength kN	Working Load Limit lbs.	Weight Per 100 Feet lbs.
1"	110,000	489.3	22,000	23.4
1-1/8"	147,000	653.9	29,400	31.9
1-1/4"	165,000	734.0	33,000	36.2
1-5/16"	196,000	871.9	39,200	41.7
1-1/2"	221,000	983.1	44,200	51.7

Applications

- Replacement for wire rope
- Vessel mooring lines
- Inland river barge lines
- Lifting slings
- Recreational vehicle winch lines
- Utility winch and pulling lines
- Theatrical rigging



Blocks, Chain Hoists



Gin Block

Gin Block

For Manila Rope – Painted, Bronze Bushing

Sheave Dimensions			Manila Rope Size	Work Load Limit (lbs.)	Weight Each (lbs.)
Stock Number	Outside Diameter	Rim Thickness			
BLOCKGIN	12"	1-3/8"	7/8" - 1"	1,000	15

Note: For light hoisting by roofers and contractors.



Galvanized Yarding Block

Galvanized Yarding Block With Shackle & Pin (Grease Fitting)

Sheave Size (in)	Stock Number	Cable Size (in)	Working Load Limit (tons)	Weight (lbs)
3	BLOCK1.5YARD	1/4	1.5	3.6
4	BLOCK3YARD	3/8	3.0	5.8
5	BLOCK4.5YARD	1/2	4.5	9.0
6	BLOCK6YARD	5/8	6.0	15.0



Snatch Block With Shackle

Snatch Block with Hook or Shackle

Side Loaded-Painted (Bronze Bushing)

Sheave Size (in)	Stock Number	Wire Rope (in)	Working Load Limit (tons)	Weight (lbs)
3	BLOCK2TSNCH	3/8	2.0	5.0
4-1/2	BLOCK4TSNCH	1/2	4.0	12.0
6	BLOCK8T6SNCH	3/4	8.0	28.0
8	BLOCK8T8SNCH	3/4	8.0	34.0
10	BLOCK8T10SNCH	3/4	8.0	46.0
8	BLOCK12T8SNCH	3/4 - 7/8	12.0	53.0
10	BLOCK12T10SNCH	3/4 - 7/8	12.0	61.0
10	BLOCK20TSNCH	1-1/8	20.0	118.0



Snatch Block With Hook

Tail Board Block



Tail Board Block

Sheave Size (in)	Stock Number	Wire Rope (in)	Working Load Limit (tons)	Weight (lbs)
3	BLOCK2TTAIL	3/8	2	3
4-1/2	BLOCK4TTAIL	1/2	4	7
6	BLOCK8T6TAIL	3/4	8	15
8	BLOCK8T8TAIL	3/4	8	21
10	BLOCK8T10TAIL	3/4	8	29

Light Duty Rigging Block

Stamped Steel Side Plates
(Ball Bearing Sheave)

Sheave Size (in)	Stock Number	Cable Size (in)	Working Load Limit (tons)	Weight (lbs)
3	BLOCK1TRIG3	3/8	1.0	2.60
4	BLOCK1TRIG4	-	1.0	-



Light Duty Rigging Block

Hay Fork Pulley

Galvanized

Sheave Diameter (in)	Stock Number	Rope Size (in)	Working Load Limit (tons)	Weight (lbs)
4	BLOCK1THFROPE	1 -1/4 MR	1.0	6.38
4	BLOCK1THFWR	1/2 WR	1.0	6.29
6	BLOCK2THRROPE	1-1/2 MR	2.0	14.63
6	BLOCK2THFWR	5/8 WR	2.0	13.42



Hay Fork Pulley

Note: Ultimate Load is 4 times the Working Load Limit.

MR – Manilla Rope WR – Wire Rope

Trawl Block

Sheave Diameter (in)	Stock Number	Working Load Limit (tons)	Outside Weight (lbs)	Sheave Dimensions (in)	
				Rim Diameter	Thickness
8	BLOCK10TTRWL	10	48	8	3.75
12	BLOCK10TTRWL	10	85	12	3.75
16	BLOCK20TTRWL	20	116	16	3.75
22	BLOCK30TTRWL	30	240	22	3.75



Trawl Block

Note: Ultimate Load is 4 times the Working Load Limit.

Try Net Block

Sheave Diameter (in)	Stock Number	Bearing Type	Working Load Limit (tons)	Weight (lbs)	Sheave Dimensions (in)	
					Outside Diameter	Rim Thickness
6	BLOCK5TTN	Bronze Bushed	5	23	6	2-3/4
8	BLOCK10TTN	Tapered Bearing	10	57	8	2-7/8



Try Net Block

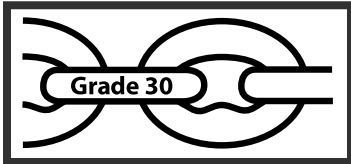
Galvanized Snatch Block

Sheave Diameter (in)	Working Load Limit (tons)	Weight (lbs)	End Fitting
8	2,400	13.2	Eye
8	2,400	14.3	Hook
10	4,800	26.4	Eye
10	4,800	28.6	Hook

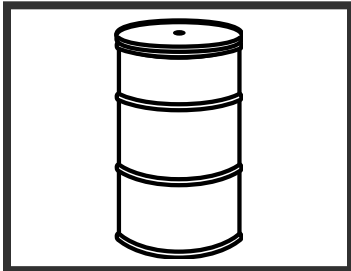


Galvanized Snatch Block

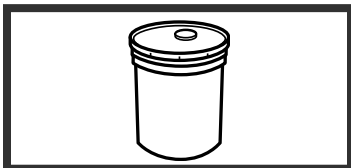
Chain



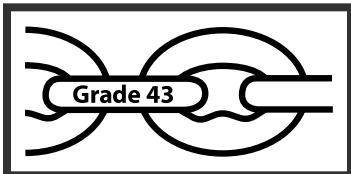
**Grade 30
Proof Coil Chain**



Drums

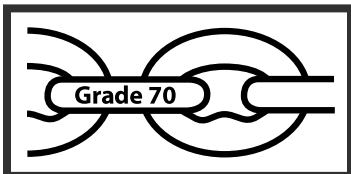


Pails



**Grade 43
High Test Chain**

Note: Proof coil chain, high test grade 43 chain, and grade 70 transport chain are not suitable for overhead lifting.



**Grade 70
Transport Chain**



**Square Link
Security Chain**

Grade 30 Proof Coil Chain Self Colored, Bright Zinc, Hot Galvanized

Stock Number			Size	Feet/ Drum	Weight/ Foot (lbs)	Working Load Limit (lbs)
Self Colored	Bright Zinc	Hot Galvanized				
SCPC187	ZPPC187	HGPC187	3/16	750, 1500	0.41	750
SCPC250	ZPPC250	HGPC250	1/4	400, 800	0.68	1,250
SCPC312	ZPPC312	HGPC312	5/16	275, 550	1.02	1,900
SCPC375	ZPPC375	HGPC375	3/8	200, 400	1.47	2,650
SCPC500	ZPPC500	HGPC500	1/2	100, 200	2.52	4,500
SCPC625	ZPPC625	HGPC625	5/8	75, 150	4.06	6,900
SCPC750	ZPPC750	HGPC750	3/4	50, 100	5.81	10,600
-	-	HGPC100	1	60	9.24	17,950
100# Dealer Pails:						
SCPC187X250	ZPPC187X250	HGPC187X250	3/16	250	0.41	750
SCPC250X141	ZPPC250X133/141	HGPC250X141	1/4	133, 141	0.68	1,250
SCPC312X92	ZPPC312X92	HGPC312X92	5/16	92	1.02	1,900
SCPC375X66	ZPPC375X66	HGPC375X66	3/8	66	1.47	2,650
SCPC500X35	ZPPC500X35	HGPC500X35	1/2	35	2.52	4,500

Grade 43 High Test Chain Self Colored, Bright Zinc, Hot Galvanized

Stock Number			Size	Feet/ Drum	Weight/ Foot (lbs)	Working Load Limit (lbs)
Self Colored	Bright Zinc	Hot Galvanized				
SCHT250	ZPHT250	HGHT250	1/4	400, 800	0.71	2,600
SCHT312	ZPHT312	HGHT312	5/16	275, 550	1.04	3,900
SCHT375	ZPHT375	HGHT375	3/8	200, 400	1.48	5,400
SCHT500	ZPHT500	HGHT500	1/2	100, 200	2.51	9,200
SCHT625	ZPHT625	HGHT625	5/8	75, 150	3.58	11,500
SCHT750	ZPHT750	HGHT750	3/4	100	5.48	16,200
100# Dealer Pails:						
SCHT250X133	ZPHT250X133	HGHT250X133	1/4	133, 141	0.71	2,600
SCHT312X92	ZPHT312X92	HGHT312X92	5/16	92	1.04	3,900
SCHT375X66	ZPHT375X66	HGHT375X66	3/8	66	1.48	5,400
SCHT500X33	ZPHT500X33	HGHT500X33	1/2	35	2.51	9,200

Grade 70 Transport Chain

Yellow Chromate

Stock Number	Size	Feet/Drum-Pail	Weight/ Foot (lbs)	Working Load Limit (lbs)
G70250	1/4	400, 800	0.63	3,150
G70312	5/16	275, 550	0.93	4,700
G70375	3/8	200, 400	1.41	6,600
G70500	1/2	100, 200	2.40	11,300
100# Dealer Pails:				
G70250X133	1/4	133	0.63	3,150
G70312X92	5/16	92	0.93	4,700
G70375X66	3/8	66	1.41	6,600
G70500X33	1/2	33	2.40	11,300

Square Link Security Chain

Casehardened, Zinc Plated

Chain Diameter (in)	Stock Number	Weight/Foot (lbs)	Material Diameter (in)
3/8	SQLINK375	1.65	.394

Trawl Chain

Black Lacquer

Size (in)	Inside Width (in)	Inside Length (in)	Safe Working Load (lbs)	Wt/Ft (lbs)
3/8	0.64	1.631	6,600	1.41
1/2	0.873	2.00	11,300	2.46
5/8	0.92	2.53	15,750	3.61



Trawl Chain

Mooring Chain

HDG – G43

Size (in)	Size (mm)	Inside Width (mm)	Inside Length (mm)	Safe Working Load (lbs)
3/8	10.3	16.3	41.5	4,050
1/2	13.5	22.2	51.0	6,900
5/8	16.0	23.4	64.3	9,750
3/4	20.0	26.7	76.0	11,600



Mooring Chain

Open Link Anchor Chain

(Bottom Chain)

Size	Grade	Finish	Length (ft)
1-1/4	U1	Painted Black	90



Open Link Anchor Chain

Windlass Chain

ISO – Grade 43 – HDG

Size (in)	Size (mm)	Inside Width (mm)	Inside Length (mm)	Safe Working Load (lbs)
1/4	7.1	10.2	21.3	2,600
5/16	8.7	12.2	26.1	3,900
3/8	10.3	14.2	31.1	5,400
1/2	13.5	22.9	40.4	9,200



Windlass Chain

Specialty Chain

Specialty Chain



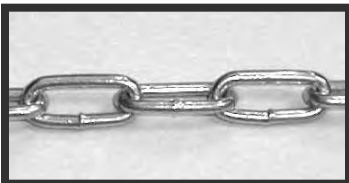
Double Loop Chain

Chain Type	Stock Number Bright Zinc	Size	Material Diameter (in)	Weight/ Foot (lbs)	Working Load Limit (lbs)
Double Loop	DL1/0ZP	1/0	0.120	0.13	200
Double Loop	DL2/0ZP	2/0	0.135	0.17	255
Double Loop	DL3/0ZP	3/0	0.148	0.20	305
Double Loop	DL#1ZP	# 1	0.105	0.10	155
Double Loop	DL#2ZP	# 2	0.092	0.08	115
Double Loop	DL#3ZP	# 3	0.080	0.06	90
Double Loop	DL#4ZP	# 4	0.072	0.04	70



Single Jack Chain

Chain Type	Stock Number Bright Zinc	Size	Material Diameter (in)	Weight/ Foot (lbs)	Working Load Limit (lbs)
Single Jack	SJ8ZPX100	# 8	0.162	0.21	60
Single Jack	SJ10ZPX100	# 10	0.135	0.15	43
Single Jack	SJ12ZPX100	# 12	0.105	0.09	29
Single Jack	SJ14ZPX100	# 14	0.080	0.05	16
Single Jack	SJ16ZPX100	# 16	0.060	0.03	10
Single Jack	SJ18ZPX100	# 18	0.470	0.02	5



Straight Link Coil

Chain Type	Stock Number Bright Zinc	Size	Material Diameter (in)	Weight/ Foot (lbs)	Working Load Limit (lbs)
Straight Link Coil	SLC1/0ZP	1/0	0.174	0.23	440
Straight Link Coil	SLC2/0ZP	2/0	0.192	0.27	520
Straight Link Coil	SLC4/0ZP	4/0	0.218	0.35	670
Straight Link Coil	SLC5/0ZP	5/0	0.247	0.46	880



Twist Link Machine

Chain Type	Stock Number Bright Zinc	Size	Material Diameter (in)	Weight/ Foot (lbs)	Working Load Limit (lbs)
Twist Link Machine	TLM1/0ZP	1/0	0.174	0.24	415
Twist Link Machine	TLM2/0ZP	2/0	0.189	0.27	495
Twist Link Machine	TLM4/0ZP	4/0	0.210	0.33	635



Passing Link Chain

Chain Type	Stock Number Bright Zinc	Size	Material Diameter (in)	Weight/ Foot (lbs)	Working Load Limit (lbs)
Passing Link	PASSLINK2/0ZP	2/0	0.19	0.33	450
Passing Link	PASSLINK4/0ZP	4/0	0.21	0.41	600



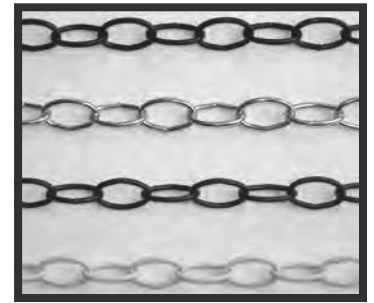
Sash Chain

Chain Type	Stock Number			Size	Weight/ Foot (lbs)	Working Load Limit (lbs)
	Bright Zinc	Copper Dipped	Brass			
Sash	SASH#8ZP	SASH#8CD	SASH# 8B	# 8	0.04	75
Sash	-	SASH#25CD	SASH#25B	# 25	0.50	94
Sash	SASH#30ZP	SASH#30CD	SASH#30B	# 30	0.55	80
Sash	SASH#35ZP	SASH#35CD	SASH#35B	# 35	0.07	105
Sash	SASH#40ZP	SASH#40CD	SASH#40B	# 40	0.08	140
Sash	SASH#45ZP	SASH#45CD	SASH#45B	# 45	0.01	175
Sash	-	SASH#45CD	SASH#50B	# 50	0.13	225

Decorator Chain

Formed, Unwelded

Chain Size	Stock Number	Color	Reel Size (ft)	Weight/ Reel (lbs)
#10	FOR70438	Antique Copper	50	7.15
#10	FOR70439	Bright Brass	50	7.15
#10	FOR70440	Black	50	7.15
#10	FOR70441	White	50	7.15



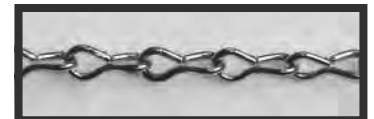
Decorator Chain

Special Finish Chains

Chain Size	Stock Number	Chain Type	Reel Finish	Safe Working Size (ft)	Load (lbs)
#8	FOR70431	Sash	Bright Brass	100	75
#14	FOR70433	Single Jack	Bright Brass	100	16
#14	FOR70434	Single Jack	Black	100	16



Bright Brass Sash Chain



Bright Brass Single Jack



Black Single Jack Chain

Powder Coated Chain

Stock Colors: Yellow, Black

Stock Sizes	Stock Number	Chain Grade	Drum Lengths (ft)	Safe Working Load (lbs)
3/16	PCPC187i	Proof Coil	250, 750, 1,500	750
1/4	PCPC250i	Proof Coil	133, 400, 800	1,400



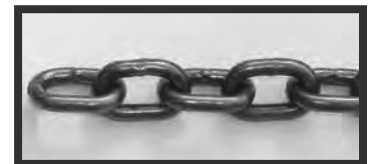
▲ Yellow, Black ▼



Powder Coated Chain

Welded Brass Chain

Size (in)	Stock Number	Inside Length (in)	Inside Width (in)	Safe Working Load (lbs)	Wt/100 ft (lbs)
3/16	BRASS187	0.95	0.40	300	43
1/4	BRASS250	1.00	0.50	500	77
3/8	BRASS375	1.25	0.62	850	165



Welded Brass Chain

Welded Aluminum Chain

Size (in)	Stock Number	Inside Length (in)	Inside Width (in)	Safe Working Load (lbs)	Wt/100 ft (lbs)
1/4	ALUM250	1.00	0.50	620	24
5/16	ALUM312	1.10	0.50	925	35

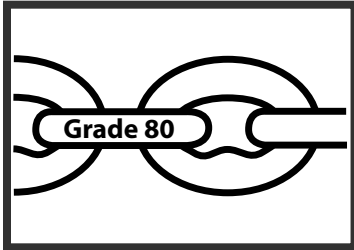


Welded Aluminum Chain

Grade 80 Alloy Chain, Slings

Grade 80 Alloy Chain

Self Colored



Grade 80 Alloy Chain

Stock Number	Size	Feet/Drum	Working Load Limit (lbs)	Weight/Foot (lbs)
G80281	9/32	400, 800	3,500	0.72
G80312	5/16	275, 550	4,500	1.06
G80375	3/8	200, 400	7,100	1.50
G80500	1/2	100, 200	12,000	2.61
G80625	5/8	75, 150	18,100	3.61
G80750	3/4	50, 100	28,300	6.22
G80875	7/8	75	34,200	7.32
G80100	1	60	47,700	10.21
G801250	1-1/4	50	72,300	15.45

Note: Grade 80 alloy chain is approved by OSHA for overhead lifting.

Alloy Chain Slings

SINGLE							
Type SOO	Type SOS	Type SOG	Type SOF	Type SSS	Type SGG	Type SGS	Type ASOS*
DOUBLE							
Type DOS	Type DOG	Type DOF	Type ADOS*				
TRIPLE/QUAD							
Type TOS	Type TOG	Type TOF	Type QOS	Type QOG	Type QOF		
<p>NOTE: 1ST LETTER INDICATES: 2ND LETTER INDICATES TOP OF FITTING 3RD LETTER INDICATES LOWER FITTING</p> <p>S = Single O = Oblong Link D = Double S = Sling Hook T = Triple G = Grab Hook Q = Quadruple F = Foundry Hook</p>							

Grade 80 Alloy Chain Sling Specifications

Chain Size Inches	Single Sling At 90° Angle	Double Sling At 60° Angle	Double Sling At 45° Angle	Double Sling At 30° Angle	Triple/Quadruple At 60° Angle	Triple/Quadruple At 45° Angle	Triple/Quadruple At 30° Angle	Chain Size Inches
	90°	60°	45°	30°	60°	45°	30°	
9/32	3,500	6,000	4,900	3,500	9,100	7,300	5,200	9/32
3/8	7,100	12,100	10,000	7,100	18,500	14,900	10,600	3/8
1/2	12,000	20,400	16,800	12,000	31,200	25,200	18,000	1/2
5/8	18,100	31,000	25,400	18,100	47,000	38,000	27,100	5/8
3/4	28,300	49,000	40,000	28,300	73,500	60,000	42,400	3/4
7/8	34,200	59,200	48,400	34,200	88,900	72,500	51,300	7/8
1	47,700	82,600	67,400	47,700	123,900	101,200	71,500	1
1-1/4	72,300	125,200	102,200	72,300	187,800	153,400	108,400	1-1/4

Grade 80 Chain Fittings

Grade 80 Oblong Master Link

Alloy, Painted, Forged

Size (in)	Stock Number	Weight/ Piece (lbs)	Working Load Limit (lbs)	Master Link For Chain Size	
				1 Leg	2 Leg
1/2	ML500	0.89	4,100	9/32"	7/32"
5/8	ML625	1.63	5,500	5/16"	9/32"
3/4	ML750	2.25	8,600	3/8"	5/16"
7/8	ML875	2.60	14,100	1/2"	3/8"
1	ML100	5.00	20,300	5/8"	1/2"
1-1/4	ML1250	11.14	29,300	3/4"	5/8"
1-1/2	ML1500	18.42	39,900	7/8"	3/4"
1-3/4	ML1750	27.36	52,100	1"	7/8"
2	ML200	41.10	81,400	1-1/4"	1"

Working load limit of master link only. For sling working load limit, see page 34.



**Alloy Oblong
Master Link**

Grade 80 Master Link Sub-Assembly

Alloy, Painted, Forged

Size (in)	Stock Number	Weight/ Piece (lbs)	Working Load Limit (lbs)	For Chain Size (in)
3/4"	MLSA750	2.91	9,100	9/32"
7/8"	MLSA875	5.11	13,800	5/16"
1"	MLSA100	7.76	20,800	3/8"
1-1/4"	MLSA1250	13.80	31,200	1/2"
1-1/2"	MLSA1500	21.74	49,000	5/8"

Working load limit of master link only. For sling working load limit, see page 34.



**Master Link
Sub-Assembly**

Grade 80 Coupling Links

Alloy, Painted

Size (in)	Stock Number	Weight/Piece (lbs)	Working Load Limit (lbs)
9/32	HL281	0.26	3,500
5/16	HL312	0.40	4,500
3/8	HL375	0.65	7,100
1/2	HL500	1.50	12,000
5/8	HL625	2.51	18,100
3/4	HL750	4.12	28,300

Note: Coupling Links are used for attaching Grade 80 Alloy Chain to master links, eye hooks, or chain to chain.

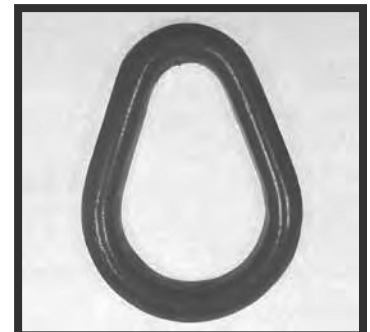


Alloy Coupling Link

Pear Shaped Link

Carbon Steel, Painted

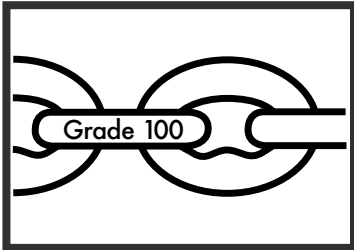
Size (in)	Stock Number	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8	PEAR375	0.13	1,800
1/2	PEAR500	0.55	2,900
5/8	PEAR625	1.10	4,200
3/4	PEAR750	2.00	6,000
7/8	PEAR875	2.80	8,300
1	PEAR100	4.30	10,800
1-1/4	PEAR1250	9.20	16,700
1-3/8	PEAR1375	11.00	20,500



**Carbon Steel
Pear Shaped Link**

Grade 100 Alloy Chain, Slings

Grade 100 Alloy Chain



Grade 100 Alloy Chain

Stock Number	Size	Feet/Drum	Working Load Limit (lbs)	Weight/Foot (lbs)
G100281	9/32	400, 800	4,300	0.738
G100312	5/16	275, 550	5,700	0.939
G100375	3/8	200, 400	8,800	1.475
G100500	1/2	100, 200	15,000	2.548
G100625	5/8	75, 150	22,600	3.83
G100750	3/4	50, 100	35,300	5.78
G100875	7/8	75	42,700	7.32

Note: Grade 100 alloy chain is approved by OSHA for overhead lifting.

Alloy Chain Slings

SINGLE							
Type SOO	Type SOS	Type SOG	Type SOF	Type SSS	Type SGG	Type SGS	Type ASOS*
DOUBLE							
Type DOS	Type DOG	Type DOF	Type ADOS*				
TRIPLE/QUAD							
Type TOS	Type TOG	Type TOF	Type QOS	Type QOG	Type QOF		
<p>NOTE: 1ST LETTER INDICATES: 2ND LETTER INDICATES TOP OF FITTING 3RD LETTER INDICATES LOWER FITTING</p> <p>S = Single O = Oblong Link D = Double S = Sling Hook T = Triple G = Grab Hook Q = Quadruple F = Foundry Hook</p>							

Grade 100 Chain Sling Specifications

Chain Size Inches	Single Sling At 90° Angle	Double Sling At 60° Angle	Double Sling At 45° Angle	Double Sling At 30° Angle	Triple/Quadruple At 60° Angle	Triple/Quadruple At 45° Angle	Triple/Quadruple At 30° Angle	Chain Size Inches
9/32	4,300	7,400	6,100	4,300	11,200	9,100	6,400	9/32
5/16	5,700	9,900	8,100	5,700	14,800	12,100	8,500	3/8
3/8	8,800	15,200	12,400	8,800	22,900	18,700	13,200	3/8
1/2	15,000	26,000	21,200	15,000	39,000	31,800	22,500	1/2
5/8	22,600	39,100	32,000	22,600	58,700	47,900	33,900	5/8
3/4	35,300	61,100	49,900	35,300	91,700	74,900	53,000	3/4
7/8	42,700	74,000	60,400	42,700	110,900	90,600	64,000	7/8

Grade 100 Chain Fittings

Grade 100 Oblong Master Link

Alloy, Painted, Forged

Size (in)	Stock Number	Weight/ Piece (lbs)	Working Load Limit (lbs)	Master Link For Chain Size	
				1 Leg	2 Leg
1/2	G100ML500	0.75	6,000	9/32"	—
5/8	G100ML625	1.17	8,600	5/16"	9/32"
3/4	G100ML750	1.90	12,900	3/8"	5/16"
7/8	G100ML875	3.53	17,600	1/2"	3/8"
1	G100ML100	5.42	30,000	5/8"	1/2"
1-1/4	G100ML1250	9.13	39,100	3/4"	5/8"
1-1/2	G100ML1500	13.71	61,100	7/8"	3/4"

Working load limit of master link only. For sling working load limit, see page 36.



Alloy Oblong Master Link

Grade 100 Master Link Sub-Assembly

Alloy, Painted, Forged

Size (in)	Stock Number	Weight/ Piece (lbs)	Working Load Limit (lbs)	For Chain Size (in)
3/4"	G100MLSA750	2.9	11,200	9/32"
7/8"	G100MLSA875	4.8	15,200	5/16"
1"	G100MLSA100	7.39	26,000	3/8"
1-1/4"	G100MLSA1250	13.24	39,000	1/2"
1-1/2"	G100MLSA1500	21.98	58,700	5/8"
2"	G100MLSA200	51.26	91,700	5/8"

Working load limit of master link only. For sling working load limit, see page 36.



Master Link Sub-Assembly

Grade 100 Coupling Links

Alloy, Painted

Size (in)	Stock Number	Weight/Piece (lbs)	Working Load Limit (lbs)
9/32	G100HL281	0.26	4,300
5/16	G100HL312	0.40	5,700
3/8	G100HL375	0.73	8,800
1/2	G100HL500	1.54	15,000
5/8	G100HL625	2.51	22,600
3/4	G100HL750	4.72	35,300
7/8	G100HL875	7.08	42,700

Note: Coupling Links are used for attaching Grade 100 Alloy Chain to master links, eye hooks, or chain to chain.



Alloy Coupling Link

The latest
in chain sling
adjustment
alternatives:



Chain Sling Adjuster



VXK Quad Link



VXK Double Link

Tie-Down Hardware

Binder Chains

Grade 43 High Test Binder Chains Grab Hook Each End



Binder Chain

Size	Stock Number	Grade/Finish	Work Load Limit (lbs)	Weight/ Piece (lbs)	Pieces/ Drum
5/16x16	G43BC312X16	High Test-SC	3,900	16	35
5/16x20	G43BC312X20	High Test-SC	3,900	23	25
5/16x25	G43BC312X25	High Test-SC	3,900	26	23
3/8x16	G43BC375X16	High Test-SC	5,400	26	25
3/8x20	G43BC375X20	High Test-SC	5,400	32	20
3/8x25	G43BC375X25	High Test-SC	5,400	37	16

Note: Grade 43 High Test Chain is used for trucking with clevis grab hooks.

Binder Chains

Grade 70 Transport Binder Chains Grab Hook Each End



Lever Load Binder

Size	Stock Number	Grade/Finish	Work Load Limit (lbs)	Weight/ Piece (lbs)	Pieces/ Drum
5/16x16	G70BC312X16	Gr 70/Yellow Chr	4,700	16	35
5/16x20	G70BC312X20	Gr 70/Yellow Chr	4,700	23	25
5/16x25	G70BC312X25	Gr 70/Yellow Chr	4,700	26	23
3/8x16	G70BC375X16	Gr 70/Yellow Chr	6,600	26	25
3/8x20	G70BC375X20	Gr 70/Yellow Chr	6,600	32	20
3/8x25	G70BC375X25	Gr 70/Yellow Chr	6,600	37	16
1/2x20	G70BC500X20	Gr 70/Yellow Chr	11,300	52	15
1/2x25	G70BC510X25	Gr 70/Yellow Chr	11,300	65	10

Grade 70 Transport Chain is used when higher work loads or DOT regulations require stronger chain. Custom lengths available upon request. DOT approved.

Load Binders

Forged, Painted



Ratchet Load Binder

Size	Stock Number	Type	Working Load Limit (lbs)	Weight/ Piece (lbs)
1/4 Grade 30, 1/4 Grade 43	LBNDR250	Lever	2,600	3.66
5/16 Grade 70, 3/8 Grade 43	LBNDR375	Lever	5,400	7.02
3/8 Grade 70, 1/2 Grade 43	LBNDR500	Lever	9,200	12.47
1/4 Grade 30, 1/4 Grade 43	RBNDR250	Ratchet	2,600	3.40
5/16 Grade 70, 3/8 Grade 43	RBNDR375	Ratchet	6,600	11.23
3/8 Grade 70, 1/2 Grade 43	RBNDR500	Ratchet	9,200	12.83
1/2 Grade 70, 5/8 Grade 43	RBNDR625	Ratchet	11,300	15.00

Note: Forged loadbinders are approved by DOT for truck tie-down use.

Also Available:



Premium Load Binder



Folding Handle Load Binder



T-Handle Load Binder

1" Polyester Ratchet Tie-Downs

With "S"-Hooks

Size	Stock Number	Color	S-Hook	Capacity (lbs)	Weight (lbs)
1" x 8'	STRAP1X8	Yellow	Yellow Zinc	3,000	1.8
1" x 8'	STRAP1X8B	Black	Black Vinyl	3,000	1.8
1" x 12'	STRAP1X12	Yellow	Yellow Zinc	3,000	2.0
1" x 15'	STRAP1X15	Yellow	Black Vinyl	3,000	2.1
1" x 15'	STRAP1X15B	Black	Black Vinyl	3,000	2.1



1x8 Black S-Hook



1x12 Yellow S-Hook

2" Yellow Polyester Ratchet Tie-Downs

With Flat & "J"-Hooks

Size	Stock Number	Hooks	Ratchet	Capacity (lbs)	Weight (lbs)
2" x 15'	STRAP2X15J	"J"-Hooks	Short Handle	10,000	4.5
2" x 27'	STRAP2X27	Flat Hooks	Long Handle	10,000	6.0
2" x 27'	STRAP2X27J	"J"-Hooks	Short Handle	10,000	5.6
2" x 30'	STRAP2X30J	"J"-Hooks	Short Handle	10,000	6.0
2" x 45'	STRAP2X45J	"J"-Hooks	Short Handle	10,000	7.2



2x27 Flat Hook



2x27 J-Hook

3" Yellow Polyester Ratchet Tie-Downs

With Flat & "J"-Hooks

Size	Stock Number	Hooks	Ratchet	Capacity (lbs)	Weight (lbs)
3" x 30'	STRAP3X30RFH	Flat Hooks	Long Handle	12,000	13.4
3" x 30'	STRAP3X30RJH	"J"-Hooks	Long Handle	12,000	15.0



3x30 Flat Hook



3x30 J-Hook

4" Yellow Polyester Cargo Tie-Down

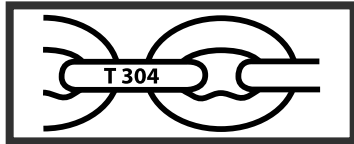
With Flat Hook

Size	Stock Number	Hooks	Capacity (lbs)	Weight (lbs)
4" x 30'	STRAP4X30	Flat Hook	15,000	5.5

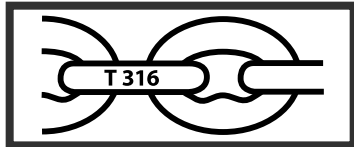


4x30 Flat Hook

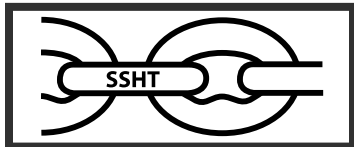
Stainless Steel Chain



**Stainless Steel Chain
Type 304**



**Stainless Steel Chain
Type 316**



**Stainless Steel
High Test Chain**



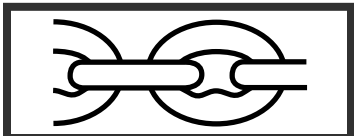
**Stainless Steel
Single Jack Chain**



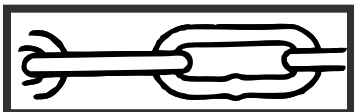
**Stainless Steel Double
Loop Chain**



**Stainless Steel
Sash Chain**



**Straight Link Machine
Chain**



**Straight Link
Coil Chain**

Stainless Steel Proof Coil Chain

Type 304, 316

Stock Number		Size	Feet/Drum	Weight/Foot (lbs)	Working Load Limit (lbs)
SS 304	SS 316				
SSPC125T304	SSPC125T316	1/8	1,000	0.20	375
SSPC187T304	SSPC187T316	3/16	1,000	0.35	800
SSPC250T304	SSPC250T316	1/4	400	0.60	1,400
SSPC312T304	SSPC312T316	5/16	275	0.88	1,800
SSPC375T304	SSPC375T316	3/8	200	1.40	2,800
SSPC500T304	SSPC500T316	1/2	100	2.43	4,500
SSPC625T304	SSPC625T316	5/8	75	3.90	6,800
SSPC750T304	SSPC750T316	3/4	100	5.51	9,500

Note: Stainless Steel proof coil chain is not suitable for overhead lifting.

Stainless Steel High Test Chain

Type 316

Stock Number	Size	Weight/Foot (lbs)	Working Load Limit (lbs)
SSHT187	3/16	0.35	1,200
SSHT250	1/4	0.60	2,000
SSHT312	5/16	0.88	2,850
SSHT375	3/8	1.40	3,550
SSHT500	1/2	2.43	6,500
SSHT625	5/8	3.60	9,800
SSHT750	3/4	5.50	14,000

Note: High test chain is not suitable for overhead lifting.

Stainless Steel Specialty Chains

Size	Type	Stock Number	Reel Sizes
# 18	Single Jack	SSSJ18	100/Box
# 16	Single Jack	SSSJ16	100/Box
# 14	Single Jack	SSSJ14	100/Box
# 12	Single Jack	SSSJ12	100/Box
# 10	Single Jack	SSSJ10	100/Box
# 3	Double Loop	SSDL3	100/Box
2/0	Double Loop	SSDL2/0	100/Box
# 35	Sash	SSSASH#35	100/Box
# 25	Sash	SSSASH#25	100/Box
# 8	Sash	SSSASH#8	100/Box
2/0	Straight Link Machine Chain	SSPC2/0T304	100/Box
2/0	Straight Link Coil Chain	SSPC2/0T316	100/Box

Stainless Steel 316 Screw Pin Anchor Shackles

With Oversize Pin

Size	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
3/16	SSPA187	650	0.11
1/4	SSPA250	1,000	0.12
5/16	SSPA312	1,500	0.18
3/8	SSPA375	2,000	0.31
7/16	SSPA437	3,000	0.48
1/2	SSPA500	4,000	0.68
5/8	SSPA625	6,000	1.26
3/4	SSPA750	8,000	2.10
7/8	SSPA875	12,000	3.32
1	SSPA100	14,000	4.80



**Stainless Steel
Screw Pin
Anchor Shackle**

Stainless Steel 304 Screw Pin Bow Shackles

Size	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
5/32	SSPA156BOW	350	0.02
3/16	SSPA187BOW	530	0.04
1/4	SSPA250BOW	750	0.06
5/16	SSPA312BOW	1,300	0.12
3/8	SSPA375BOW	1,700	0.25
1/2	SSPA500BOW	3,000	0.56
5/8	SSPA625BOW	4,000	1.05
3/4	SSPA750BOW	5,600	1.68
7/8	SSPA875BOW	6,700	2.52
1	SSPA100BOW	9,000	3.80
1-1/8	SSPA1125BOW	9,500	7.15
1-1/4	SSPA1250BOW	10,000	9.50



**Stainless Steel
Screw Pin
Bow Shackle**

Stainless Steel 316 Safety Bolt Anchor Shackles

With Oversize Pin

Size	Stock Number	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	SSAS250	1,000	0.12
5/16	SSAS312	1,500	0.18
3/8	SSAS375	2,000	0.31
7/16	SSAS437	3,000	0.48
1/2	SSAS500	4,000	0.68
5/8	SSAS625	6,000	1.26
3/4	SSAS750	8,000	2.10
7/8	SSAS875	10,000	3.32
1	SSAS100	12,000	4.80



**Stainless Steel
Safety Bolt
Anchor Shackle**

Screw Pin Anchor Shackles *Drop Forged, Load Rated, Hot Galvanized*



**Screw Pin
Anchor Shackle**

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/Piece (lbs)
3/16	SPA187	1/4	0.33	0.05
1/4	SPA250	5/16	0.50	0.12
5/16	SPA312	3/8	0.75	0.18
3/8	SPA375	7/16	1.0	0.31
7/16	SPA437	1/2	1.50	0.49
1/2	SPA500	5/8	2.0	0.74
5/8	SPA625	3/4	3.25	1.44
3/4	SPA750	7/8	4.75	2.16
7/8	SPA875	1	6.50	3.37
1	SPA100	1-1/8	8.50	5.30
1-1/8	SPA1125	1-1/4	9.50	7.0
1-1/4	SPA1250	1-3/8	12.0	9.6
1-3/8	SPA1375	1-1/2	13.5	12.6
1-1/2	SPA1500	1-3/4	17.0	17.35
1-3/4	SPA1750	2	25.0	27.8
2	SPA200	2-1/4	35.0	43.0

According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 2

Safety Anchor Shackles *Drop Forged, Load Rated, Hot Galvanized*



**Safety
Anchor Shackle**

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/Piece (lbs)
1/2	SAS500	5/8	2.0	0.92
5/8	SAS625	3/4	3.25	1.55
3/4	SAS750	7/8	4.75	2.53
7/8	SAS875	1	6.50	4.24
1	SAS100	1-1/8	8.50	5.88
1-1/8	SAS1125	1-1/4	9.50	7.75
1-1/4	SAS1250	1-3/8	12.0	11.65
1-3/8	SAS1375	1-1/2	13.5	15.15
1-1/2	SAS1500	1-3/4	17.0	18.75
1-3/4	SAS1750	2	25.0	30.45
2	SAS200	2-1/4	35.0	45.70
2-1/2	SAS2500	2-3/4	55.0	92.4

According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 3

Commercial Grade Anchor Shackles *Hot Galvanized*



**Commercial Grade
Anchor Shackle**

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/Piece (lbs)
3/16	CGSPA187	1/4	0.25	0.05
1/4	CGSPA250	5/16	0.33	0.12
5/16	CGSPA312	3/8	0.50	0.19
3/8	CGSPA375	7/16	0.75	0.31
7/16	CGSPA437	1/2	1.0	0.38
1/2	CGSPA500	5/8	1.50	0.63
5/8	CGSPA625	3/4	2.25	1.38
3/4	CGSPA750	7/8	3.25	2.58
7/8	CGSPA875	1	4.33	3.38
1	CGSPA100	1-1/8	5.5	5.32

Note: Commercial Grade Anchor Shackles are not rated for overhead lifting.

Screw Pin Chain Shackles *Drop Forged, Load Rated, Hot Galvanized*

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/ Piece (lbs)
1/4	SPC250	5/16	0.50	0.11
5/16	SPC312	3/8	0.75	0.18
3/8	SPC375	7/16	1.00	0.30
1/2	SPC500	5/8	2.00	0.59
5/8	SPC625	3/4	3.25	1.27
3/4	SPC750	7/8	4.75	2.60
7/8	SPC875	1	6.50	3.15
1	SPC100	1-1/8	8.50	4.75

According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 2



Screw Pin Chain Shackle

Round Pin Anchor Shackles *Drop Forged, Load Rated, Hot Galvanized*

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/ Piece (lbs)
1/4	RPA250	5/16	0.50	0.13
5/16	RPA312	3/8	0.75	0.18
3/8	RPA375	7/16	1.00	0.25
1/2	RPA500	5/8	2.00	0.50
5/8	RPA625	3/4	3.25	1.50
3/4	RPA750	7/8	4.75	2.32
7/8	RPA875	1	6.50	3.49
1	RPA100	1-1/8	8.50	5.00

According to Federal Specification RR-C-271d, Type IV A, Grade A, Class 1

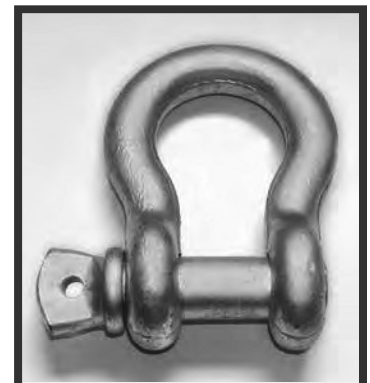


Round Pin Anchor Shackle

All Alloy Screw Pin Anchor Shackles *Hot Galvanized*

Pin Size	Stock Number	Diameter (in)	Working Load Limit (tons)	Weight/ Piece (lbs)
3/16	SPAA187	1/4	1/2	0.05
1/4	SPAA250	5/16	3/4	0.10
5/16	SPAA312	3/8	1	0.18
3/8	SPAA375	7/16	2	0.31
7/16	SPAA437	1/2	2-2/3	0.49
1/2	SPAA500	5/8	3-1/3	0.74
5/8	SPAA625	3/4	5	1.44
3/4	SPAA750	7/8	7	2.16
7/8	SPAA875	1	9-1/2	3.37
1	SPAA100	1-1/8	12-1/2	5.30
1-1/4	SPAA1250	1-3/8	18	9.60
1-1/2	SPAA1500	1-5/8	25	17.35
1-3/4	SPAA1750	2	34	27.80
2	SPAA200	2-1/4	43	43

According to Federal Specification RR-C-271D Type IVA, Grade B, Class 2



All Alloy Screw Pin Anchor Shackle

Chain Fittings



Spring Hook

Spring Hooks (Universal Snap) - #2450

Bright Zinc

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
1/8	SPRING125NE	200	0.03
3/16	SPRING187NE	220	0.04
1/4	SPRING250NE	260	0.07
5/16	SPRING312NE	500	0.17
3/8	SPRING375NE	550	0.24
7/16	SPRING437NE	770	0.29
1/2	SPRING500NE	1,200	0.55

Note: Spring Hooks are not suitable for overhead lifting.



Quick Link

Rapid/Quick Links

Bright Zinc

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
1/8	QL125	220	0.03
3/16	QL187	660	0.04
1/4	QL250	880	0.06
5/16	QL312	1,760	0.15
3/8	QL375	2,200	0.20
1/2	QL500	3,300	0.60

Note: Quick Links are not suitable for overhead lifting.

Wide jaw Quick Links available upon request.



Swivels

Swivels

Drop-Forged, Hot Galvanized

Size	Eye-Eye		Eye-Jaw		Work. Load Limit (lbs)
	Stock Number	Wt/Piece (lbs)	Stock Number	Wt/Piece (lbs)	
1/4	SWIV250EE	0.21	SWIV250EJ	0.25	850
5/16	SWIV312EE	0.38	SWIV312EJ	0.39	1,250
3/8	SWIV312EE	0.68	SWIV312EJ	0.71	2,250
1/2	SWIV500EE	1.40	SWIV500EJ	1.43	3,600
5/8	SWIV625EE	2.50	SWIV625EJ	2.48	5,200
3/4	SWIV750EE	3.90	SWIV750EJ	3.50	7,200
7/8	SWIV875EE	6.25	SWIV875EJ	5.87	10,000

Note: Swivels are not designed to rotate under load.



Repair Lap Link

Repair Lap Link

Bright Zinc

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
1/8	LL125	190	0.01
3/16	LL187	240	0.03
1/4	LL250	400	0.06
5/16	LL312	950	0.13
3/8	LL375	1,250	0.26
1/2	LL500	2,125	0.60

Note: Chain Connectors are not suitable for overhead lifting.

WARNING:
 These items are NOT designed or approved for overhead lifting.

Cold Shut

Bright Zinc

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
3/16	CS187	450	0.03
1/4	CS250	750	0.06
5/16	CS312	1,250	0.11
3/8	CS375	1,900	0.18
1/2	CS500	3,500	0.38

Note: Chain Connectors are not suitable for overhead lifting.



Cold Shut

Connecting Link

Bright Zinc

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
3/16	CL187	800	0.04
1/4	CL250	1,400	0.06
5/16	CL312	2,000	0.10
3/8	CL375	2,800	0.20
1/2	CL500	4,750	0.40

Note: Chain Connectors are not suitable for overhead lifting.



Connecting Link

Double Clevis

Grade 70

For Chain Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
1/4 - 5/16	DC250	4,700	0.30
3/8	DC375	6,600	0.40
7/16 - 1/2	DC500	11,300	0.98

Note: Chain Connectors are not suitable for overhead lifting.



Double Clevis

S-Hook

Steel – Bright Zinc

Stock Number	Size (in)	Weight/1000 (lbs)	Stock Number	Size (in)	Weight/1000 (lbs)
SHOOK#20	0.08 x 1	6.0	SHOOK#187	0.187 x 2-3/4	41.3
SHOOK#12	0.105 x 1	7.5	SHOOK#187HT High Tensile	0.187 x 1-1/2	23.9
SHOOK#498	0.125 x 1-1/8	7.8	SHOOK#72	0.08 x 1	6.0
SHOOK#125	0.125 x 1-1/2	9.0	SHOOK#80	0.105 x 1	7.5
SHOOK#8	0.125 x 1-3/4	12.5	SHOOK#81	0.125 x 1-1/8	7.8
SHOOK#280	0.125 x 2	13.2	SHOOK#100	0.125 x 1-1/2	9.0
SHOOK#9	0.148 x 1-7/16	16.7	SHOOK#120	0.125 x 1-3/4	12.5
SHOOK#809C	0.148 x 2-1/8	27.0	SHOOK#375	0.125 x 2	13.2
SHOOK#60	0.187 x 1-7/8	33.8			



S-Hook

WARNING:
 These items are NOT designed or approved for overhead lifting.

Clevis Grab Hooks



Clevis Grab Hook

Chain Size	High Test			Grade 70		Alloy		Weight/Piece (lbs)
	Stock Number Self Colored	Stock Number Bright Zinc	Working Load Limit (lbs)	Stock Number Yellow Chromate	Working Load Limit (lbs)	Stock Number Yellow Chromate	Working Load Limit (lbs)	
1/4	HTCG250SC	HTCG250ZP	2,600	G70CG250	3,500	G80CG250	3,600	0.34
5/16	HTCG312SC	HTCG312ZP	3,900	G70CG312	4,500	G80CG312	4,500	0.64
3/8	HTCG375SC	HTCG375ZP	5,400	G70CG375	6,600	G80CG375	7,100	1.02
1/2	HTCG500SC	HTCG500ZP	9,200	G70CG500	11,300	G80CG500	12,000	2.16
5/8	HTCG625SC	HTCG625ZP	13,000	G70CG625	18,100	G80CG625	18,100	3.66
3/4	—	HTCG750ZP	20,200	—	—	—	—	6.50

Note: These hooks are not suitable for overhead lifting.

Eye Grab Hooks

High Test



Eye Grab Hook

Size	Stock Number Self Colored, Bright Zinc	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	HTEG250	2,600	0.34
5/16	HTEG312	3,900	0.64
3/8	HTEG375	5,400	1.02
1/2	HTEG500	9,200	2.16
5/8	HTEG625	13,000	3.66

Note: These hooks are not suitable for overhead lifting.

Clevis Slip Hooks

Optional Latch



Clevis Slip Hook

Size	High Test		Grade 70		Alloy		Weight/Piece (lbs)
	Stock Number Self Colored/Bright Zinc	Working Load Limit (lbs)	Stock Number Yellow Chromate	Working Load Limit (lbs)	Stock Number	Working Load Limit (lbs)	
1/4	HTCS250	1,950	G70CS250	2,750	G80CS250	2,750	0.55
5/16	HTCS312	2,875	G70CS312	4,300	G80CS312	4,300	0.86
3/8	HTCS375	4,000	G70CS375	5,250	G80CS375	5,250	1.40
1/2	HTCS500	6,500	G70CS500	9,000	G80CS500	9,000	2.75
5/8	HTCS625	9,250	G70CS625	13,500	G80CS625	13,500	4.75

Note: These hooks are not suitable for overhead lifting.

Eye Slip Hooks

Optional Latch/High Test



Eye Slip Hook

Size	Stock Number Self Colored, Bright Zinc	Working Load Limit (lbs)	Weight/Piece (lbs)
1/4	HTES250	1,950	0.55
5/16	HTES312	2,875	0.86
3/8	HTES375	4,000	1.40
1/2	HTES500	6,500	2.75
5/8	HTES625	9,250	4.75
3/4	HTES750	12,500	11.28

Note: These hooks are not suitable for overhead lifting.

Alloy Eye Hoist Hooks with Latch

Stock Number	Working Load Limit (tons)	Overall Length (in)	Eye Size (in)	Weight/Piece (lbs)
EHH100A	1.0	4.38	0.75	0.65
EHH150A	1.5	4.88	0.88	0.87
EHH200A	2.0	5.50	1.13	1.44
EHH300A	3.0	6.31	1.25	1.94
EHH450A	4.5	7.94	1.56	3.94
EHH700A	7.0	10.0	2.00	7.75
EHH1100A	11.0	12.44	2.44	13.0
EHH1500A	15.0	14.00	2.84	21.6
EHH2200A	22.0	17.40	3.50	39.5



Eye Hoist Hook

Note: Latch can be removed from hook, if required. Ultimate Load is 5 times the Working Load Limit.

Alloy Swivel Eye Hoist Hooks with Latch

Stock Number	Working Load Limit (tons)	Inside Bail (in)	Throat Opening (in)	Weight/Piece (lbs)
EHH100SA	1.0	1.25	15/16	0.78
EHH200SA	2.0	1.75	1-1/16	2.02
EHH300SA	3.0	1.75	1-7/32	2.57
EHH450SA	4.5	2.0	1-1/2	4.89
EHH700SA	7.0	2.5	1-7/8	10.29
EHH1100SA	11.0	2.75	2-1/4	18.62
EHH1500SA	15.0	3.15	2-5/8	23.3
EHH2200SA	22.0	4.10	3-3/8	47.0



Swivel Eye Hoist Hook

Alloy Grab Hooks with Saddle

Size (in)	Grade 80 Stock Number	Grade 80 WLL (tons)	Grade 100 Stock Number	Grade 100 WLL (tons)	Weight/Piece
9/32	CRADLE281	3,500	G100CGRAB281	4,300	0.84
5/16	CRADLE312	4,500	G100CGRAB312	5,700	0.84
3/8	CRADLE375	7,100	G100GRAB375	8,800	1.87
1/2	CRADLE500	12,000	G100CGRAB500	15,000	4.19
5/8	CRADLE625	18,100	G100CGRAB625	22,600	6.17
3/4	CRADLE750	28,300	G100CGRAB750	35,300	7.72



Grab Hook

Note: Hooks are made in either eye or clevis style.

Alloy Sling Hooks with Latch

Size (in)	Grade 80 Stock Number	Grade 80 WLL (tons)	Grade 100 Stock Number	Grade 100 WLL (tons)	Weight/Piece
9/32	CSLING281	3,500	G100CSLING281	4,300	1.16
5/16	CSLING312	4,500	G100CSLING312	5,700	1.16
3/8	CSLING375	7,100	G100CSLING375	8,800	2.43
1/2	CSLING500	12,000	G100CSLING500	15,000	4.41
5/8	CSLING625	18,100	G100CSLING625	22,600	7.67
3/4	CSLING750	28,300	G100CSLING750	35,300	11.02



Sling Hook

Note: Hooks are made in either eye or clevis style.

Stainless Steel Hook Latch Kit

	For Hook (tons)
Carbon Steel	3/4, 1, 1-1/2 to 2, 3, 5, 7-1/2 to 10, 15, 20, 25 - 30, 40
Alloy	1, 1-1/2, 2 to 3, 4-1/2, 7, 11 to 15, 22, 30, 37-45, 60



Latch Kit

Latch Kits are shipped unassembled and individually packaged with instructions.

Self-Locking Hooks



Swivel

Grade 100 Self Locking Swivel Hook

Size	Stock Number	Weight/Piece (lbs)	Working Load Limit
9/32"-5/16"	CRGX08	2.43	5,700
3/8"	CRGX10	4.41	8,800
1/2"	CRGX13	8.82	15,000
5/8"	CRGX16	14.99	22,600

Available with bushing or roller bearing



Clevis

Grade 100 Clevis Self Locking Hook

Size	Stock Number	Weight/Piece	Working Load Limit
9/32"	CRFX07	2.09	4,300
5/16"	CRFX08	2.09	5,700
3/8"	CRFX10	3.53	8,800
1/2"	CRFX13	7.05	15,000
5/8"	CRFX16	13.23	22,600
3/4"	CRFX20	21.61	35,300
7/8"	CRFX22	31.75	42,700



Eye

Grade 100 Eye Self Locking Hook

Size	Stock Number	Weight/Piece	Working Load Limit
9/32"-5/16"	CROX08	2.12	5,700
3/8"	CROX10	3.64	8,800
1/2"	CROX13	7.16	15,000
5/8"	CROX16	13.45	22,600
3/4"	CROX20	21.61	35,300
7/8"	CROX22	31.75	42,700



**Lockable Alloy
Grab Hook**

Lockable Alloy Grab Hook

Size	Stock Number	Weight/Piece	Working Load Limit
9/32" - 5/16"	8429200	1.32	5,700
3/8"	8429400	2.51	8,800
1/2"	8429620	4.63	15,000
5/8"	8429720	8.38	22,600

Grade 70 Weldable Grab Bucket Hook

Size	Stock Number	Working Load Limit	Weight/Piece
5/16"	WG312i	4700 lbs	.45 lbs
3/8"	WG375i	6600 lbs	.80 lbs
1/2"	WG500i	11,300 lbs	1.6 lbs



Weldable Grabs

Weld-On Bucket Hook

Size/Ton	Stock Number	Working Load Limit (tons)	Weight/Piece (lbs)
0.75	545818	1,650	.66
1	545817	2,200	1.3
2	589357	4,400	2.2
3	545823	6,600	2.9
4	545816	8,800	4.2
5	545821	11,000	6.4
8	545815	17,600	7.7
10	545822	22,000	14.1
15	589587	33,000	19.4



Bucket Hooks

Weld-On Lifting Points

Rated For Overhead Lifting

Size	Stock Number	Inside Length	Inside Width	Working Load Limit (lbs)	Weight/Piece (lbs)
7/32	F35103A	1.22	1.42	2,100	.55
1/4-5/16	F35113A	1.46	1.65	3,500	1.0
3/8	F35123A	1.81	1.89	7,100	1.7
1/2	F35133A	2.72	2.6	12,000	4.4
5/8	F35143A	2.6	2.84	18,100	6.0
7/8	F35163A	3.86	4.73	34,200	17.6



Weld-On Lifting Points

Weld-On D-Ring

Not for Overhead Lifting

Stock Number	Working Load Limit (lbs)	Material	Weight	Description
J-704	12,000 capacity	C-1045	0.45	1/2" forged D-ring w/ bolt-on mounting bracket.
J-705	18,000 capacity	C-1045	0.70	5/8" forged D-ring w/ weld-on mounting bracket.
J-706	26,500 capacity	C-1045	0.95	3/4" forged D-ring w/ weld-on mounting bracket.
J-707	46,750 capacity	C-1045	1.30	1" forged D-ring w/ weld-on mounting bracket.



Weld-On D-Rings

The rings come with weld-on mounting brackets. Brackets are 1-7/8" wide and 3/8" thick for J-705 and J-706, 2" wide and 3/8" thick for J-707. Note: J-704's are bolt-on.

Hooks



Snap Hook

Snap Hook

Hot Galvanized

Size	Stock Number	Working load Limit (lbs)	Overall Length (in)	Eye Size (in)	Weight/ Piece (lbs)
7/16	SNAPHK437	750	3-15/16	3/4	0.24
9/16	SNAPHK562	1000	4-3/4	1 1/8	0.50



Sorting Hook

Sorting Hook

Painted

Working Load Limit At Tip (tons)	Stock Number	Working Load Limit At Bottom Of Hook (tons)	Overall Length (in)	Eye Size (in)	Weight/ Piece (lbs)
2.0	SORTING	7.5	9.69	1.38	6.42



Clevis Foundry Hook

Clevis Foundry Hook

Grade 80

Chain Size	Stock Number	Working Load Limit (tons)	Throat Opening (in)	Weight/ Piece (lbs)
9/32"-5/16"	FOUNDRY312	4500	2.51	2.2
3/8"	FOUNDRY375	7100	2.99	3.92
1/2"	FOUNDRY500	12000	3.5	6.53
5/8"	FOUNDRY625	18100	4.01	11.09

Also available in Grade 100 Alloy.



Eye Foundry Hook

Eye Foundry Hook

Chain Size	Stock Number	Working Load Limit (tons)	Throat Opening (in)	Weight/ Piece (lbs)
9/32" - 5/16"	FOUNDRYE312	4500	2.51	2.03
3/8"	FOUNDRYE375	7100	2.99	3.9
1/2"	FOUNDRYE500	12000	3.5	6.21
5/8"	FOUNDRYE625	18100	4.01	11.09
3/4"	FOUNDRYE750	28300	4.48	16.75

Also available in Grade 100 Alloy.



Winchline Hook

Winchline Hook

Zinc Plated

Type	Stock Number	Breaking Strength (lbs)	Eye Size (in)	Weight/ Piece (lbs)
# 550	WINCHHK750	8,000	0.75	0.48



J-Hook

J-Hook

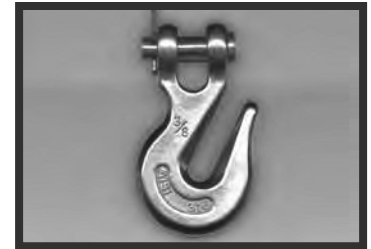
Size	Stock Number	Working Load Limit In Pounds	Weight/ Piece (lbs)
1/4" x 6"	JJ-6203	125	0.154
3/8" x 6"	J3882	365	0.35
3/8" x 9"	J3882x9"	350	0.441
1/2" x 6 "	J-3883-650# STYLE A	650	0.7
1/2" x 6"	J-3883-650# STYLE B	650	0.7
5/8" x 10"	JJ-8227	1000	1.58
3/4" x 12"	JJ-8247	1450	2.735

Stainless Steel Hooks

Stainless Steel Grab Hooks

Clevis Grab or Eye Grab

Size	Clevis Grab Stock Number	Eye Grab Stock Number	Working Load Limit (lbs)	Weight/ Piece (lbs)
1/4	SSCG250	SSEG250	1,250	0.36
5/16	SSCG312	SSEG312	1,850	0.65
3/8	SSCG375	SSEG375	2,500	0.90
1/2	SSCG500	SSEG500	3,600	1.95



Clevis Grab Hook

Stainless Steel Slip Hooks *Clevis Slip or Eye Slip – Optional Latch*

Size	Clevis Grab Stock Number	Eye Slip Stock Number	Working Load Limit (lbs)	Weight/ Piece (lbs)
1/4	SSCS250	SSES250	900	0.42
5/16	SSCS312	SSES312	1,250	0.76
3/8	SSCS375	SSES375	2,000	1.18
1/2	SSCS500	SSES500	3,000	2.36



Eye Slip Hook

Stainless Steel Eye Hoist Hook

Size	Stock Number	Overall Length (in)	Eye Size (in)	Weight/ Piece (lbs)
1 ton	SSEHH1T	6.50	1-15/16	2.0



Eye Hoist Hook

Stainless Steel Swivel Eye Hoist Hook

Size	Stock Number	Overall Length (in)	Eye Size (in)	Weight/ Piece (lbs)
0.5 ton	251-4	6.0	1-1/8	0.88



Swivel Eye Hoist Hook

Stainless Steel Fixed Eye Hooks

Eye Size (in)	Stock Number	Working Load Limit (lbs)	Overall Length (in)	Weight/ Piece (lbs)
3/4	SNAP2311-1	220	4	0.27
1-1/8	SNAP2311-2	300	4-3/4	0.38
1-5/16	SNAP2311-3	2,200	6-1/2	2.00



Fixed Eye Hook

Stainless Steel Grade 50 Eye Sling Hooks

Eye Size (in)	Stock Number	Working Load Limit (lbs)	Overall Length (in)	Weight/ Piece (lbs)
9/32	G50ES281WL	2,200	5.43	1.1
3/8	G50ES375WL	4,400	6.57	2.2
1/2	G50ES500WL	7,100	8.15	4.2
5/8	G50ES625WL	11,000	9.61	6.6



Eye Sling Hook

Note: Grade 50 stainless steel hooks are rated for overhead lifting.

Stainless Steel Fittings

Spring Hooks (Universal Snap) - #2450



#2450 Spring Hook

Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
3/16	SPRING187SS	2	1/4	0.04	220
1/4	SPRING250SS	2-1/2	5/16	0.07	260
9/32	SPRING281SS	2-3/4	3/8	0.10	280
5/16	SPRING312SS	3-1/8	3/8	0.16	500
3/8	SPRING375SS	3-1/2	1/2	0.21	550
7/16	SPRING437SS	4	9/16	0.27	770
1/2	SPRING500SS	4-3/4	7/8	0.52	1,200

Quick Links (Rapid Links) - #7350



#7350 Quick Link

Size	Stock Number	Overall Length (in)	Jaw Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/8	SQL125	1-1/2	1/4	0.03	220
3/16	SQL187	2	1/4	0.06	660
1/4	SQL250	2-5/16	5/16	0.10	880
5/16	SQL312	3	7/16	0.20	1,760
3/8	SQL375	3-1/4	7/16	0.25	2,200
1/2	SQL500	4-1/8	1/2	0.53	3,300

Wide jaw quick links available upon request.

Pear Shaped Quick Links - #7370



#7370 Pear Quick Link

Size	Stock Number	Overall Length (in)	Jaw Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/4	SQL250PEAR	3-3/16	9/16	0.12	880
5/16	SQL312PEAR	3-1/2	11/16	0.26	1,455
3/8	SQL375PEAR	4-1/4	3/4	0.34	1,805
1/2	SQL500PEAR	5-1/2	15/16	0.78	3,305

Connecting Link

#316 Stainless



#316 Connecting Link

Size	Stock Number	Working Load Limit	Weight/Piece (lbs)
3/16	SCL187	800	0.04
1/4	SCL250	1,400	0.06
5/16	SCL312	2,000	0.10
3/8	SCL375	2,800	0.20
1/2	SCL500	4,750	0.40

#316 Stainless Steel Swivels



#316 Swivels

Size	Stock Number	Safe Working Load Limit	Wt./Ea. (lbs) Eye-Eye	Wt./Ea. (lbs) Eye-Jaw	Wt./Ea. (lbs) Jaw-Jaw
3/16	SWIV187SS	300	0.12	n/a	n/a
1/4	SWIV250SS	600	0.13	0.14	0.15
5/16	SWIV312SS	1,100	0.29	0.33	0.38
3/8	SWIV375SS	1,500	0.55	0.63	0.74
1/2	SWIV500SS	2,500	1.25	1.40	1.54
5/8	SWIV625SS	4,600	2.10	2.36	2.63
3/4	SWIV750SS	7,000	3.40	3.93	4.34
7/8	SWIV875SS	9,500	5.02	n/a	n/a
1	SWIV100SS	11,500	8.73	n/a	n/a

Note: None of the products on this page are not suitable for overhead lifting.

#210 Swivel Block with Eye or Hook

Size		Stock Number	Number of Sheaves
in	mm		
3	75	S210-75	Single
4	100	S210-100	Single
5	125	S210-125	Single
3	75	S210-75D	Double
4	100	S210-100D	Double
5	125	S210-125D	Double



#210 Swivel Blocks



#211 Snatch Block



#212 Open Seine Block



#313 Square Swivel Block



#314 Rnd. Swivel Block



#315 Rnd. Swivel Block

#211 Snatch Block with Side Latch

Size		Stock Number	Number of Sheaves
in	mm		
3	75	S211-75	Single
4	100	S211-100	Single
5	125	S211-125	Single

#212 Open Seine Block with Eye or Hook

Size		Stock Number	Number of Sheaves
in	mm		
2	50	S212-50	Single
3	75	S212-75	Single

#313 Square Swivel Block

Size		Stock Number	Number of Sheaves
in	mm		
2	50	S313-50	Single
3	75	S313-75	Single
4	100	S313-100	Single

#314 Round Swivel Block

Size		Stock Number	Number of Sheaves
in	mm		
1	25	S314-25	Single
1-1/4	32	S314-32	Single
2	50	S314-50	Single

#315 Round Swivel Block

Size		Stock Number	Number of Sheaves
in	mm		
1	25	S315-25	Double
1-1/4	32	S315-32	Double
2	50	S315-50	Double

Stainless Steel Snaps



#2476 Jaw Swivel Snap Shackle

#2476 Stainless Steel Jaw Swivel Snap Shackle

Jaw Size (in)	Stock Number	Overall Length (in)	Inside Width (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8	SNAP2476-1	2-3/4	1/2	0.15	800
1/2	SNAP2476-2	3-1/2	5/8	0.27	1,200
7/8	SNAP2476-3	5	1	0.90	1,800



#2482 Eye Swivel Snap Shackle

#2482 Stainless Steel Eye Swivel Snap Shackle

Eye Size (in)	Stock Number	Overall Length (in)	Inside Width (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/2	SNAP2482-1	2-3/4	1/2	0.15	1,000
5/8	SNAP2482-2	3-1/2	3/4	0.26	1,500
1	SNAP2482-3	5	1	0.75	2,100



#2483 Fixed Snap Shackle

#2483 Stainless Steel Fixed Snap Shackle

Eye Size (in)	Stock Number	Overall Length (in)	Inside Width (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8	SNAP2483-1	2	1/2	0.10	1,000
1/2	SNAP2483-2	2-3/4	3/4	0.20	1,500
5/8	SNAP2483-3	4	1	0.52	2,100



#249 Fixed Eye Snap Hook

#249 Stainless Steel Fixed Eye Snap Hook

Eye Size (in)	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8	SNAP249-0	2-1/8	7/32	0.06	110
5/8	SNAP249-1	2-7/8	7/16	0.10	220
3/4	SNAP249-2	3-1/4	1/2	0.14	330
7/8	SNAP249-3	3-7/8	9/16	0.28	550



#5013 Round Eye Swivel Trigger Snap

#5013 Stainless Steel Round Eye Swivel Trigger Snap

Eye Size (in)	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/2	SNAP5013-500	2-11/16	1/4	0.11	200
5/8	SNAP5013-625	2-11/16	1/4	0.13	200



Spring Hook With Eye and Screw Lock

Stainless Steel Spring Hook With Eye and Screw Lock

Eye Size (in)	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
5/16	SPRING312SSWSCR	3-1/8	1/4	0.16	400
3/8	SPRING375SSWSCR	4	7/16	0.30	600
1/2	SPRING500SSWSCR	4-5/8	9/16	0.44	800

#225 Stainless Steel Swivel Eye Snap

Eye Size	Stock Number	Weight/Piece (lbs)
3/8	SNAP225-375SS	0.05
1/2	SNAP225-500SS	0.07
5/8	SNAP225-625SS	0.10
3/4	SNAP225-750SS	0.20
1-1/4	SNAP225-1250SS	0.24



#225 Swivel Eye Snap

#830 Stainless Steel Swivel Eye Snap

Eye Size	Stock Number	Overall Length (in)	Weight/Piece (lbs)
3/8	SNAP830-375SS	2-1/8	0.06
1/2	SNAP830-500SS	5-5/8	0.09
5/8	SNAP830-625SS	3-1/4	0.13
3/4	SNAP7830-750SS	3-1/2	0.14



#830 Swivel Eye Snap

#251 Stainless Steel Swivel Eye Snap Hook

Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
5/8	SNAP251-1	3-3/8	7/16	0.13	140
3/4	SNAP251-2	4	1/2	0.21	160
7/8	SNAP251-3	4-5/8	1/2	0.33	220
1-3/32	SNAP251-4	5-7/8	5/8	0.88	1,000



#251 Swivel Eye Snap Hook

#2470 Stainless Steel Spring Gate Snap

Size	Stock Number	Overall Length (in)	Eye Size (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/4	SNAP2470-50	2	1/4	0.05	400
3/8	SNAP2470-75	2.75	3/8	0.12	600
1/2	SNAP2470-100	4	1/2	0.30	1,000



#2470 Spring Gate Snap

#2430 Stainless Steel Harness Clip

Size	Stock Number	Overall Length (in)	Eye Size (in)	Weight/Piece (lbs)	Working Load Limit (lbs)
1/4	SSHARNESS250	2-3/8	5/16	0.08	330
5/16	SSHARNESS312	3-1/4	7/16	0.18	880
3/8	SSHARNESS375	4	1/2	0.32	1,400
1/2	SSHARNESS500	4-7/8	5/8	0.56	1,950



#2430 Harness Clip

#161 Stainless Steel Double End Bolt Snap

Size	Stock Number	Overall Length (in)
161	SNAP161SS	3-1/2

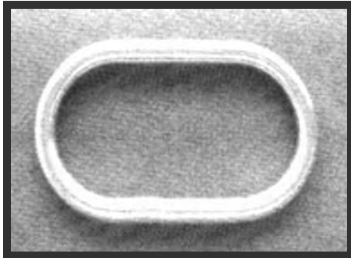


#161 Double End Eye Bolt Snap

Chain Fittings



**Stainless Steel
Coupling Link**



**Stainless Steel
Master Link**



**Stainless Steel
Round Ring**

Stainless Steel Coupling Links

Grade 50

Size	Stock Number	Weight/Piece (lbs)	Working Load Limit (lbs)
9/32	SSHL281	0.26	2,200
3/8	SSHL375	0.73	4,400
1/2	SSHL500	1.54	7,100
5/8	SSHL625	2.68	11,000

Note: Grade 50 stainless steel coupling links are rated for overhead lifting.

Stainless Steel Master Links

Grade 50

Size	Stock Number	Weight/Piece (lbs)	Working Load Limit (lbs)
3/8 x 2 x 3	SSML375	0.44	1,900
1/2 x 2 -1/4 x 4-1/4	SSML500	0.75	2,900
5/8 x 2-1/4 x 4-1/4	SSML625	1.17	3,800
3/4 x 3 x 5-1/4	SSML750	1.76	4,400
7/8 x 3-1/2 x 6-1/4	SSML875	3.30	7,500
1 x 4 x 7	SSML1000	5.00	12,100
1-1/4 x 4 -1/4 x 7-3/4	SSML1250	8.60	18,500
1-1/2 x 5-1/2 x 10-1/4	SSML1500	14.0	23,200

Note: Grade 50 stainless steel master links are rated for overhead lifting.

Round Rings – Formed, Welded

Stainless Steel, Hot Galvanized, Zinc Plated

Size	Stainless Steel Stock Number	Hot Galvanized Stock Number	Zinc Plated Stock Number
1/8 x 1	RING125X100SS	—	RING125Xx1ZP
5/32 x 1	RING156X100SS	—	—
5/32 x 1-1/4	RING156X1250SS	—	—
3/16 x 1	RING187X100SS	RING187X100HDG	—
3/16 x 1-1/4	RING187X1250SS	—	—
3/16 x 1-1/2	RING187X150SS	—	—
3/16 x 2	RING187X200SS	—	—
1/4 x 1	RING250X100SS	—	—
1/4 x 1-1/4	RING250X1250SS	—	RING250X1250ZP
1/4 x 1-1/2	RING250X150SS	—	—
1/4 x 1-3/4	RING250X1750SS	—	RING250X1750ZP
1/4 x 2	RING250X200SS	RING250X2HDG	—
1/4 x 3	RING250X300SS	RING250X3HDG	—
5/16 x 1-1/2	RING312X1500SS	—	—
5/16 x 2	RING312X200SS	RING312X2HDG	—
5/16 x 2-1/2	RING312X2500SS	—	—
3/8 x 2	RING375X200SS	RING375X2HDG	—
3/8 x 3	RING375X300SS	RING375X3HDG	—
3/8 x 3-1/4	RING375X325SS	—	—
3/8 x 4	RING375X400SS	—	—
1/2 x 2-1/2	RING500X2500SS	RING500X250HDG	—
1/2 x 3	RING500X300SS	RING500X3HDG	—
3/8 x 4	RING500X400SS	RING500X4HDG	—
5/8 x 4	RING625X400SS	RING625X4HDG	—

Malleable Iron and Steel Snaps

Double End Bolt Snap

Zinc Plated

Eye Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/ Piece (lbs)
1/2	SNAP161NP	3-1/2	1/4	0.09
5/8	SNAP162Z	4	3/8	0.12
3/4	SNAP163Z	4-3/4	3/8	0.17



Double End Bolt Snap

#225 Swivel Eye Bolt Snap

Zinc Plated

Eye Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/ Piece (lbs)
3/8	SNAP225-325	3-1/4	3/8	0.09
1/2	SNAP225-500	3-1/4	3/8	0.09
5/8	SNAP225-625	3-1/2	3/8	0.10
3/4	SNAP225-750	3-1/2	3/8	0.11



#225 Swivel Eye Bolt Snap

#232 Open End Bolt Snap

Zinc Plated

Eye Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/ Piece (lbs)
5/8	SNAP232ZP	4	3/8	0.15



#232 Open End Bolt Snap

#5013 Swivel Eye Trigger Snap

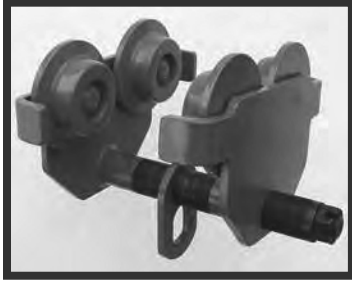
Zinc Plated

Eye Size	Stock Number	Overall Length (in)	Snap Opening (in)	Weight/ Piece (lbs)
3/8	SNAP5013-375	2-1/2	7/16	0.06



#5013 Swivel Eye Trigger Snap

Trolleys, Beam Clamps, Lifting Magnets



Manual Trolley

Manual Trolley

Size	Stock Number	Weight (lbs)	Working Load Limit (tons)
1/2 Ton	TROL05T	10.0	1/2
1 Ton	TROL1T	12.0	1
2 Ton	TROL2T	25.0	2
3 Ton	TROL3T	33.0	3
5 Ton	TROL5T	80.5	5



Geared Trolley

Geared Trolley

Size	Stock Number	Weight (lbs)	Working Load Limit (tons)
3 Ton	GTROL3T	90.0	3
5 Ton	GTROL5T	121.0	5



Beam Clamp

Beam Clamp

Size	Stock Number	Weight (lbs)	Working Load Limit (tons)
1 Ton	BCLAMP1	11.0	1
2 Ton	BCLAMP2	12.0	2
3 Ton	BCLAMP3	26.0	3
5 Ton	BCLAMP5	34.0	5
10 Ton	BCLAMP10	5.0	10

WARNING:
 To prevent the possibility of serious bodily injury, **DO NOT EXCEED** the working load limits.



XPL Series

Lifting Magnets – XPL Series

Part Number	Flat Max Capacity (lbs)	Test Plate Thickness	Round Max Capacity (lbs)	Minimum to Maximum O.D.
XPL - 4/3	400	1.25"	300	2.5" - 5"
XPL - 8/6	800	1.25"	600	3" - 9"
XPL - 15/9	1500	1"	900	3" - 10"
XPL - 24/16	2400	2"	1600	4" - 15"
XPL - 30/24	3000	2"	2400	4" - 15"
XPL - 50/40	5000	2"	3700	6" - 18"



RPL Series

Lifting Magnets – RPL Series

Part Number	Flat Max Capacity (lbs)	Test Plate Thickness	Round Max Capacity (lbs)	Minimum to Maximum O.D.
RPL - 3	300	1"	150	3"
RPL - 11	1100	1"	550	5"
RPL - 22	2200	1.25"	1100	6.5"
RPL - 35	3500	2"	1750	10"
RPL - 70	7000	2"	n/a	n/a

- No Power Supply Needed
- Easy Manual On/Off
- Lift Flat and Round Material
- Powerful Rare Earth Magnets

Engineered Beams



Lifting Beam With Parallel Bale



Lifting Beam With Perpendicular Bale

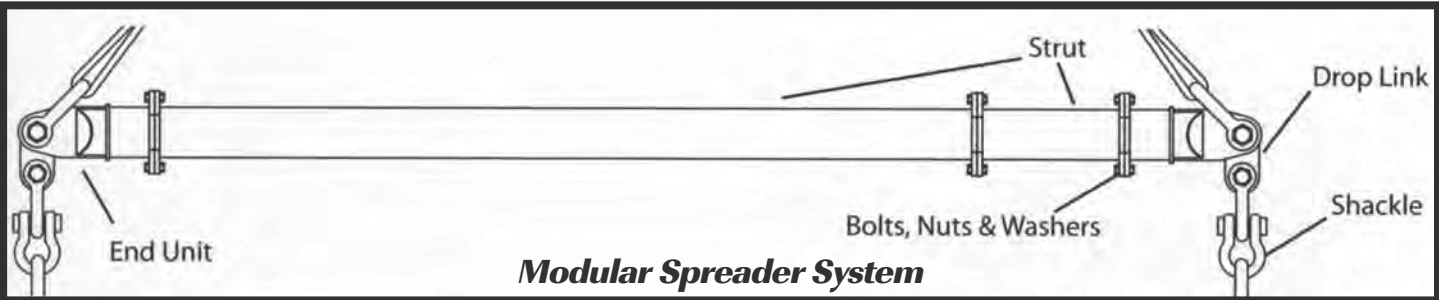


Adjustable Spreader Beam



H-Style Beam

Modulift Engineered Beams



Modular Spreader System



Strut



Modulift



Drop Link



End Unit Sub-Assembly



Modulift Assembled

Modular Spreader Systems bring you the ultimate in flexibility and value, and are suitable for a variety of jobs. With an imaginative approach you can build and easily store a stock of components to deal with an array of lifts from 1' to 170' and from 2 tons through 5000 tons!

Cable Pullers

Economy Puller



Durapuller T2

- 1-Ton Capacity, Double-Drive
- 12 Foot Reach Single line 3/16" Aircraft Cable

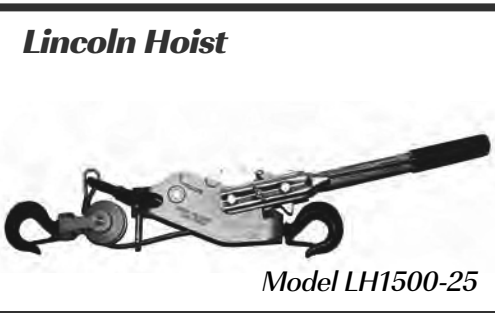
Durapuller T4

- 2-Ton Capacity, Double-Drive with Pulley-Block Assembly
- 6 Foot Reach Double line 3/16" Aircraft Cable with Pulley-Block Assembly

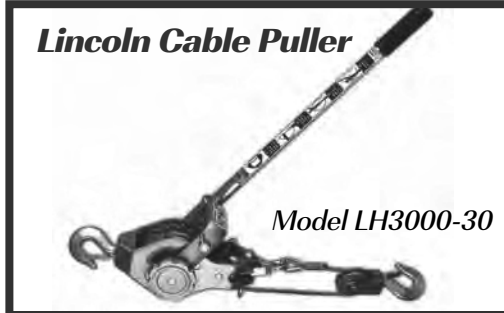
Diameter of Product Name	Working Handle Length	Galvanized 7 x 19 Aircraft Cable	Load Limit	Maximum Capacity	Weight Pull Feet	Each (lbs)
DURAPULLER T2	20 in.	3/16 in.	1000 lbs.	2000 lbs.	12 ft.	8
DURAPULLER T4	20 in.	3/16 in.	2000 lbs.	4000 lbs.	6 ft.	9

Warning: not to be used for overhead lifting. Do not exceed working load limit.

Lincoln Hoist



Lincoln Cable Puller



Lincoln Hoist Standard Series

Stock Number	Cable Diameter	Handle Length	Single Line			Double Line			Hoist Weight
			Rated Load	Pulling Distance	Minimum Hook To Hook	Rated Load	Pulling Distance	Minimum Hook To Hook	
LH1000-15	3/16"	17.5 inch	1000 lbs.	15'	18 inch	7 lbs.	—	—	—
LH1500-25	5/32"	15 inch	750 lbs.	25'	20 inch	1500 lbs.	12.5'	23 inch	8.5 lbs.
LH2250-15	3/16"	17.5 inch	1125 lbs.	15'	20 inch	2250 lbs.	7.5'	23 inch	8.75 lbs.
LH2250-20	3/16"	17.5 inch	1125 lbs.	20'	20 inch	2250 lbs.	10'	23 inch	9.25 lbs.
LH2250-38	3/16"	22 inch	1125 lbs.	38'	22 inch	2250 lbs.	19'	29 inch	13.75 lbs.
LH3000-10	7/32"	20 inch	1500 lbs.	10'	20 inch	3000 lbs.	5'	23 inch	9 lbs.
LH3000-30	7/32"	25 inch	1500 lbs.	30'	22 inch	3000 lbs.	15'	29 inch	13.75 lbs.
LH4000-20	1/4"	30 inch	2000 lbs.	20'	22 inch	4000 lbs.	10'	29 inch	15.5 lbs.
LH6000-15	5/16"	36 / 55 inch	3000 lbs.	15'	26.5 inch	6000 lbs.	7.5'	34 inch	34 lbs.

Rope Ratchet



Rope Ratchet

Diameter of Rope	Maximum Load Limit	Body Size	Length of Rope
1/8"	75 lbs	1.5" x .66"	6' Polyester
3/16"	110 lbs	2" x 1.25"	8' Polypropylene
1/4"	150 lbs	2.75" x 1.5"	8' or 15' Polypropylene
3/8"	250 lbs	3.5" x 2"	8' or 15' Polypropylene
1/2"	500 lbs	5" x 2.5"	8' or 15' Polypropylene

Chain Hand Hoist

Size	Stock Number	Fall (ft)	Weight (lbs)	Working Load Limit
1/2 Ton	CHFALL1/2TON10	10	15.0	1/2 Ton
1/2 Ton	CHFALL1/2TON20	20	30.0	1/2 Ton
1 Ton	CHFALL1TON10	10	25.0	1 Ton
1 Ton	CHFALL1TON20	20	38.0	1 Ton
2 Ton	CHFALL2TON10	10	61.0	2 Ton
2 Ton	CHFALL2TON20	20	80.0	2 Ton
3 Ton	CHFALL3TON10	10	87.0	3 Ton
3 Ton	CHFALL3TON20	20	109.0	3 Ton
5 Ton	CHFALL5TON10	10	84.0	5 Ton
5 Ton	CHFALL5TON20	20	123.0	5 Ton

Note: Any and all sizes are available as a special order. Please inquire with your salesperson.



Chain Hand Hoist

Lever Operated Chain Hoist

Size	Stock Number	Fall (ft)	Weight (lbs)	Working Load Limit
1/4 Ton	LH250	5	4.5	1/4 Ton
3/4 Ton	LH750-5	5	19.0	3/4 Ton
3/4 Ton	LH750-10	10	21.0	3/4 Ton
3/4 Ton	LH750-15	15	26.0	3/4 Ton
3/4 Ton	LH750-20	20	28.0	3/4 Ton
1-1/2 Ton	LH1500-5	5	27.0	1-1/2 Ton
1-1/2 Ton	LH1500-10	10	32.0	1-1/2 Ton
1-1/2 Ton	LH1500-15	15	37.0	1-1/2 Ton
1-1/2 Ton	LH1500-20	20	41.0	1-1/2 Ton
3 Ton	LH300-5	5	45.0	3 Ton
3 Ton	LH300-10	10	51.0	3 Ton
3 Ton	LH300-20	20	75.0	3 Ton
6 Ton	LH600-10	10	77.0	6 Ton
6 Ton	LH600-15	15	91.0	6 Ton
6 Ton	LH600-20	20	106.0	6 Ton

Note: Any and all sizes are available as a special order. Please inquire with your salesperson.



Lever Operated Chain Hoist

WARNING: To prevent the possibility of serious bodily injury, **DO NOT EXCEED** the working load limits.

Web Slings

Lengths from 18" to 30' plus.

NOTE: Twisted Eye Slings retain the same rated capacity as Flat Eye Slings

NOTE: All slings and bridles can be fitted with wear pads and sleeves.

WEAR PADS:

Wear pads provide extra protection at concentrated wear points. They can be sewn at predetermined wear areas, on one or both sides of sling, or in the eyes of the sling. Wear pads can be any length. Wear pads are sewn on and cannot be moved.

Wear pads are available in leather or cordura in all widths.

WEAR SLEEVES:

Sleeves add the ability to slide or move the protection at various points. SLIDING SLEEVES are removable from the sling.

READY SLEEVES are sewn with 'Velcro' to accommodate fast and easy installation & removal. They are perfect for slings with hardware.

Sleeves are available in cordura, webbing, leather, or felt in all widths.

Nylon & Polyester Slings – Flat Eye and Twisted Eye

Type 3 & Type 4
Style 9800

Ply	Web Width (in)	Vertical Rated Capacity (lbs)	Choker Rated Capacity (lbs)	Basket Rated Capacity (lbs)	Product Code
One Ply	1	1,600	1,280	3,200	EE1-901
	2	3,200	2,560	6,400	EE1-902
	3	4,800	3,840	9,600	EE1-903
	4	6,400	5,120	12,800	EE1-904
	6	9,600	7,680	19,200	EE1-906
	8	12,800	10,240	25,600	EE1-908
Two Ply	1	3,200	2,560	6,400	EE2-901
	2	6,400	5,120	12,800	EE2-902
	3	9,600	7,680	19,200	EE2-903
	4	12,800	10,240	25,600	EE2-904
	6	16,320	13,056	32,640	EE2-906
	8	22,700	18,200	45,400	EE2-908
Three Ply	1	4,100	3,300	8,200	EE3-901
	2	8,200	6,600	16,400	EE3-902
	3	12,300	9,900	24,600	EE3-903
	4	15,300	12,200	30,600	EE3-904
	6	22,900	18,300	45,800	EE3-906
	8	30,600	24,500	61,200	EE3-908
Four Ply	1	6,400	5,120	12,800	EE4-901
	2	12,800	10,240	25,600	EE4-902
	3	19,200	15,360	38,400	EE4-903
	4	25,600	20,480	51,200	EE4-904
	6	38,400	30,720	76,800	EE4-906
	8	51,200	40,960	102,400	EE4-908



Web slings made with a flat loop eye on each end with reinforced eye opening on same place as sling body. This type of sling is sometimes called a flat eye and eye, eye and eye, or double eye sling.

Flat Eye & Eye with Reinforced Eye Sleeve...Type 3



Web slings made with a flat loop eye on each end with loop eye opening on same place as sling body. This type of sling is sometimes called a flat eye and eye, eye and eye, or double eye sling.

Flat Eye & Eye with Standard Eye...Type 3



Web slings made with both loop eyes turned to form a loop eye which is a right angle to the plane of the sling body. This type of sling is commonly referred to as a twisted eye sling.

Twisted Eye & Eye...Type 4

Nylon & Polyester Slings – Endless Type 5, Style 9800

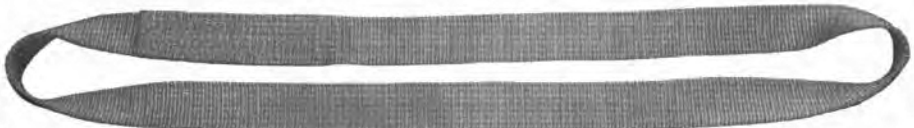
Ply	Web Width (in)	Vertical Rated Capacity (lbs)	Choker Rated Capacity (lbs)	Basket Rated Capacity (lbs)	Product Code
One Ply	1	3200	2560	6400	EN1-901
	2	6400	5120	12800	EN1-902
	3	9600	7680	19200	EN1-903
	4	12800	10240	25600	EN1-904
	6	19200	15360	38400	EN1-906
	8	25600	20480	51200	EN1-908
Two Ply	1	6400	5120	12800	EN2-901
	2	12800	10240	25600	EN2-902
	3	19200	15360	38400	EN2-903
	4	25600	20480	51200	EN2-904
	6	38400	30720	76800	EN2-906
	8	51200	40960	102400	EN2-908

★

We sew synthetic slings to your specifications. Please call with any custom requirements.

NOTE: Protective cordura covering can be placed on any part of type 3 & 4 slings as well as type 5 (endless) slings

Endless web slings are the most practical type for many hoisting applications. They can be used for both a choker or basket sling.




Endless Sling...Type 5

Reversed Eye Type 6, Style 9800

Ply	Sling Width (Inches)	Vertical Rated Capacity (Lbs)	Choker Rated Capacity (Lbs)	Basket Rated Capacity (Lbs)	Product Code
Two Ply	2	6500	5200	13000	RE2-902
	4	13000	10400	26000	RE2-904
	6	23400	18720	46800	RE2-906

NOTE: The thickness of 2 ply reverse eye slings are 1/2".

Reversed eye web slings are the best general purpose nylon sling available. Eyes can be turned to either side to increase sling life.



Reversed Eye Sling...Type 6

Ordering Slings By Stock Number

Specify Sling Length (In Feet) After Stock Number

- Select the sling type best suited:
 Triangle-Choker TC
 Triangle-Triangle TT
 Flat Eye-Eye EE
 Endless EN
 Bridle
- Determine number of plies and widths required at to rated capacity needed.
- Add length to our part number:

Example:

EE 2 - 90 2 x 12'

Sling Type ————

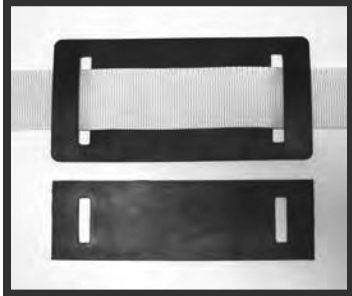
No. of Body Plys ————

Sling & Web Construction

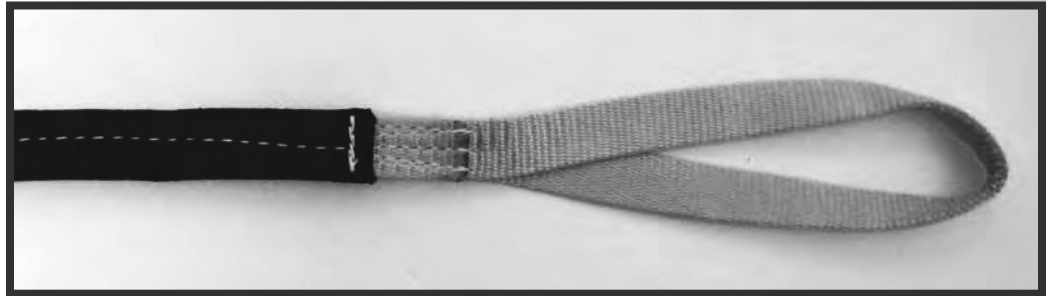
Bearing to Bearing Length (In Feet)

Sling Width (In Inches)

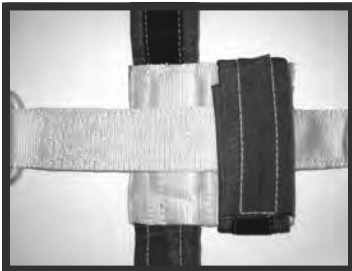
Custom Sewing/Synthetic Fabrication



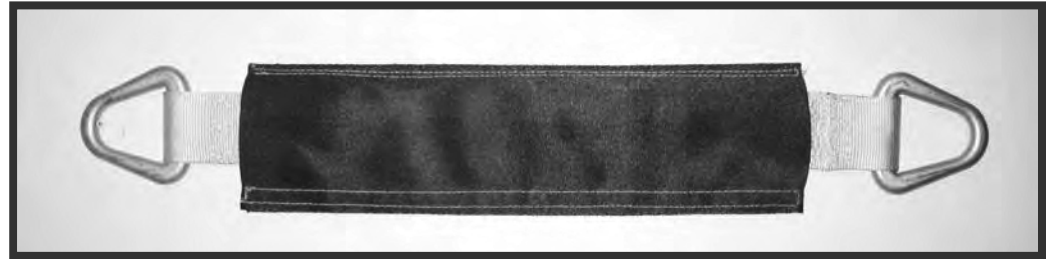
**2" & 4" Rubber
Corner Protector**



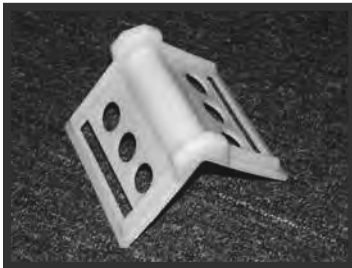
Cordura



**Ready Sling
Corner Protector**



Cordura Ready Sleeve



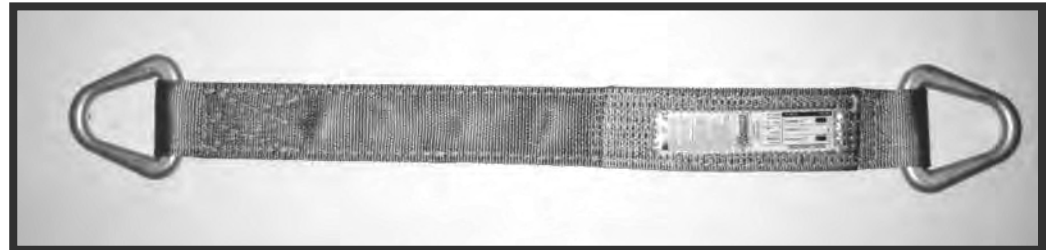
**Plastic
Corner Protector**



Ready Felt Sleeve



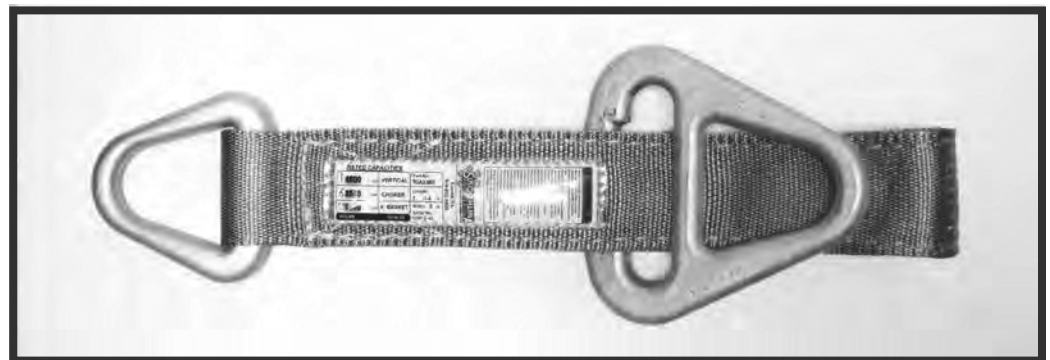
**Metal
Corner Protector**



Type 2 Triangle-Triangle



Web Sling Connector

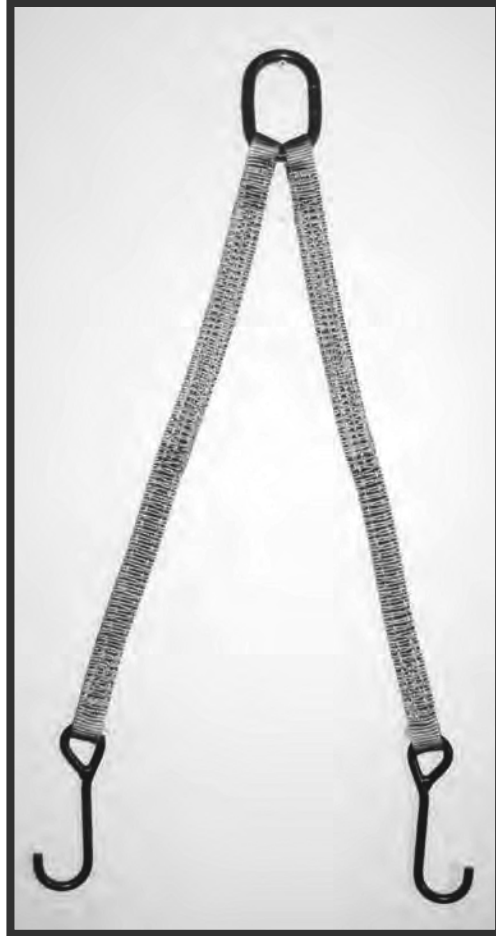


Type 1 Triangle Choker

Custom Sewing/Synthetic Fabrication



Custom Barrel Sling



Custom Bridle With J-Hooks



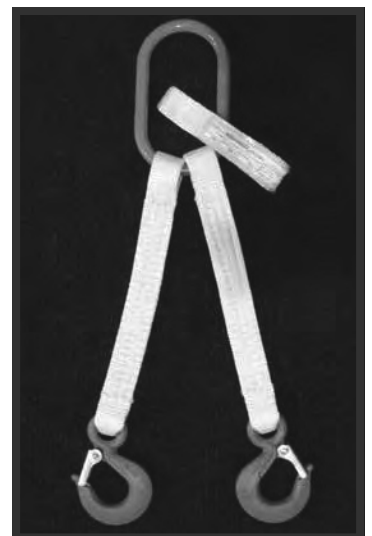
Self Choking Bridle



Drum Lifter



Wheel Net



Two-Legged Bridle

Endless Round Slings



Round Slings

Color	Approx. Diameter (No Load)(Inches)	Vertical Rated Capacity (Lbs)	Choker Rated Capacity (Lbs)	Basket Rated Capacity (Lbs)	Code
PURPLE	.625"	2,600	2,100	5,200	ENR1-2600
GREEN	.875"	5,300	4,200	10,600	ENR2-5300
YELLOW	1.125"	8,400	6,700	16,800	ENR3-8400
RED	1.375"	13,200	10,600	26,400	ENR5-13200
BLUE	1.625"	21,200	17,000	42,400	ENR7-21200
GREY	2.125"	31,000	24,800	62,000	ENR9-31000
ORANGE	2.350"	40,000	32,000	80,000	ENR10-40000
BROWN	3.150"	53,000	42,400	106,000	ENR11-53000
OLIVE	3.950"	66,000	52,800	132,000	ENR12-66000

Insulated Roller Bearing System

For Welding Applications

Insulated Roller Bearing Swivel

Size	WLL	L	D	Weight/Pc.
9/32"	3,500	3	1.9	1.5
5/16"	4,500	3	1.9	1.5
3/8"	7,100	3.8	2.3	3.1
1/2"	12,000	4.7	3	6.4
5/8"	18,100	5.4	3.5	10.8
3/4"	28,300	6.3	4.1	15.9

Design Factor 4:1 Proof tested and certified

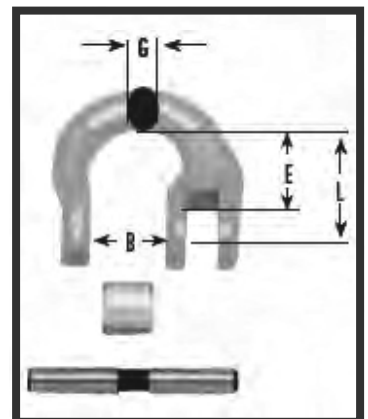


Insulated Roller Bearing Swivel

Half Link Connector

Size	WLL	L	B	G	E	Weight/Pc.
9/32"	3,500	1.1	0.71	0.35	0.87	0.22
5/16"	4,500	1.1	0.71	0.35	0.87	0.22
3/8"	7,100	1.3	1	0.5	1	0.44
1/2"	12,000	1.7	1.1	0.6	1.3	0.88
5/8"	18,100	2.0	1.4	0.7	1.6	1.5
3/4"	28,300	2.5	1.7	0.9	1.9	2.4
7/8"	34,200	3.0	2	0.9	2.4	3.7
1"	47,700	3.1	2.3	1.1	2.4	5.7
1 1/4"	72,300	3.9	2.8	1.4	3.1	10.8

Design Factor 4:1 Proof tested and certified



Half Link Connector

Angular Contact Bearing Swivels



Bullet Style

Jaw-Jaw

Eye-Eye

Jaw-Eye

Eye-Jaw

Jaw-Hook

Eye-Hook

Available in sizes 3/4 ton to 35 ton.

Cargo Control Strap Hardware



1" Wide Handle Ratchet Buckle

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
701E-011	1,100	3,300	0.75

◀ 1" Wide Handle Ratchet Buckle



2" Long Wide Handle Ratchet Buckle

Double Security Lock

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
703AP-021	3,670	11,000	2.45

◀ 2" Long Wide Handle Ratchet Buckle



2" Short Handle Ratchet Buckle

Double Security Lock

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
703CP-011	3,670	11,000	2.35

◀ 2" Short Handle Ratchet Buckle



3" and 4" Long Handle Ratchet Buckle

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
704P	7,300	22,000	5.5
704A	8,000	24,000	8.14

◀ 4" Long Handle Ratchet Buckle



2" Finger Ratchet Buckle

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
38-10A-H	3670	11,000	2.55

◀ 2" Finger Ratchet Buckle



2" Grip Ratchet Buckle

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
R50-GH	3670	11,000	2.60

◀ 2" Grip Ratchet Buckle

Cargo Control Strap Hardware

4" Long Handle Ratchet Buckle with 16" Tail and Flat Hook Attached

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
704B1	8,000	24,000	9.4



4" Long Handle Ratchet Buckle with 16" Tail and Flat Hook Attached

1" Cam Buckle, Zinc Plated

Heavy Duty

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1823	500	1,500	0.29



1" Cam Buckle, Zinc Plated

1" S-Hook

Black Vinyl Coated

Size (mm) (Diameter)	Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
7 mm	Y1817	500	1,500	0.18
8 mm	Y1816	880	2,640	0.22



1" S-Hook

2" Double J-Hook

Yellow Zinc

Size (in) (Length)	Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
3-3/8"	Y1820A	3,670	11,000	0.66
3-3/4"	Y1820B	3,670	11,000	0.70



2" Double J-Hook

3" Double J-Hook

Yellow Zinc

Size (in) (Length)	Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
4-5/8"	Y20M3J	7,333	22,000	1.45



3" Double J-Hook

2" Flat Hook, with Wear Clip

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1830	3,335	10,000	0.67



2" Flat Hook, with Wear Clip

Cargo Control Strap Hardware



4" Flat Hook

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1831	5,000	15,000	1.0

4" Flat Hook, with Wear Clip



2" Twisted Snap Hook

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1842	3,666	11,000	0.70

2" Twisted Snap Hook



2" Metal Delta Ring

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1853ND	3,666	11,000	0.275

2" Metal Delta Ring



2" Snap Hook

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1840	3,666	11,000	0.70

2" Snap Hook



2" Flat Snap Hook

Yellow Zinc

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y1841	2,000	6,000	0.37

2" Flat Snap Hook



3/8" Eye Grab Hook with Pear Link

Zinc Plated

Stock Number	Working Load Limit (lbs)	Breaking Strength (lbs)	Weight (lbs)
Y3815	5,400	16,200	1.45

3/8" Eye Grab Hook with Pear Link

Cargo Control Strap Hardware

18" Chain Anchor with Pear Link

For 2" Webbing

Stock Number	Chain	Hook	Working Load Limit (lbs)	Breaking Strength	Weight (lbs)
Y3816	5/16" G70	5/16" G70	3,335	10,000	3.75

18" Chain Anchor With Pear Link



18" Chain Anchor with 3" Delta Ring

Stock Number	Chain	Hook	Working Load Limit (lbs)	Breaking Strength	Weight (lbs)
Y3816A	3/8" G70	3/8" G70	5,000	15,000	3.86

18" Chain Anchor With 3" Delta Ring



Standard Winch Bar

Plated

Stock Number	Finish	Length (in)	Weight (lbs)
Y709	Plated	32.5	5.1

Standard Winch Bar



Combination Winch Bar

Painted Black

Stock Number	Finish	Length (in)	Weight (lbs)
Y709A	Painted	37.0	6.0

Combination Winch Bar



Trailer Safety

Trailer Safety Chain

SAE Code J684:

Minimum Test Load Standard for Trailer Safety Chains and Their Components.

Trailer Classification	Chain Specification	Minimum Breaking Test Load (lbs)
Class 1	Steel Welded Chain (or its equivalent in strength)	2,000
Class 2	Steel Welded Chain (or its equivalent in strength)	3,500
Class 3	Steel Welded Chain (or its equivalent in strength)	5,000
Class 4	The breaking strength rating of each length of safety chain or its equivalent and its attachments will be equal to or exceed the gross weight of the trailer and its respective load.	

CSA tags available.



Trailer Safety Chain Assembly With S-Hook and Latch

Trailer Safety Chain Assemblies with S-Hook with Latch

Trailer Classification	Gross Trailer Weight (lbs)	Chain Size (in)	S-Hook Chain Grade	Size (in)
1	2,000	3/16	G-30 Proof Coil	3/8
2	3,500	5/0	G-30 Proof Coil	13/32
3	5,000	1/4	G-30 Proof Coil	7/16
4	7,600	8/0	G-30 Proof Coil	17/32
4	7,600	3/8	G-30 Proof Coil	17/32

Note: Assemblies are equipped with 1 or 2 S-hooks and any chain length requested.
CSA tags available.



Trailer Safety Chain Assembly With Clevis Slip Hook

Trailer Safety Chain Assemblies

with Clevis Slip Hook with Latch

Trailer Classification	Gross Trailer Weight (lbs)	Chain Size (in)	Chain Grade
4	7,800	1/4	G-43 High test
4/5	10,800	5/16	G-43 High test
4/5	16,200	3/8	G-43 High test
5	12,600	1/4	G-70 Transport Chain
5	18,800	5/16	G-70 Transport Chain
5	26,400	3/8	G-70 Transport Chain
6	45,200	1/2	G-70 Transport Chain

Note: Assemblies are equipped with any chain length requested.
CSA tags available.



Joining Link

Joining Links

Size	Stock Number	Finish	Minimum Break Force
9/0	JLINK9/0	Plain	*
7/16	JLINK7/16	Plain	*

* Minimum break force not available due to variety of attachment means.

Trailer Safety S-Hooks *Heat Treated, Zinc Plated, with or without Latch*

Trailer Classification	Hook Diameter (in)	Gross Trailer Weight (lbs)
Class 1	3/8	2,000
Class 2	13/32	3,500
Class 3	7/16	5,000
Class 4	17/32	7,600



S-Hooks With Latch

Clevis Slip Hooks with Safety Latch *Forged, Heat Treated*

Trailer Classification	Gross Trailer Weight (lbs)	Opening Chain Grade	Size (in)	Size (in)
4	7,800	G-43	1/4	1/2
4/5	11,700	G-43	5/16	3/4
4/5	16,200	G-43	3/8	1
5	27,600	G-43	1/2	1-1/4
5	12,600	G-70	1/4	1/2
5	18,800	G-70	5/16	3/4
5	26,400	G-70	3/8	1



Clevis Slip Hook With Latch

Note: According to NACM Specifications for G-43, G-70, and G-80 Chain.

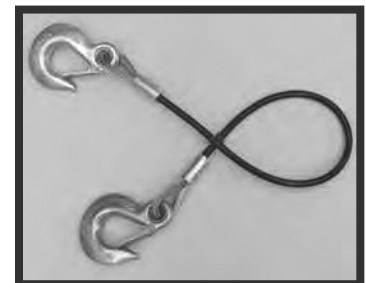
Trailer Safety Cable Assemblies

Vinyl Coated Cable with S-Hooks or Eye Slip Hooks with Latch

Trailer Classification	Gross Trailer Weight (lbs)	Cable Size (in)	Cable Description	Hook Size (in)
1	2,000	1/8 - 3/16	7 x 19 Vinyl Coated GAC	3/8 S-Hook
2	3,500	3/16 - 1/4	7 x 19 Vinyl Coated GAC	13/32 S- Hook
3	5,000	1/4 - 5/16	7 x 19 Vinyl Coated GAC	7/16 S-Hook
4	7,600	5/16 - 3/8	7 x 19 Vinyl Coated GAC	17/32 S-Hook
4	7,000	1/4 - 5/16	7 x 19 Vinyl Coated GAC With Latch	1/4 Eye Slip Hook
5	9,800	5/16 - 3/8	7 x 19 Vinyl Coated GAC With Latch	5/16 Eye Slip Hook
5	14,400	3/8 - 7/16	7 x 19 Vinyl Coated GAC With Latch	3/8 Eye Slip Hook



Cable Assembly With S-Hook and Latch



Cable Assembly With Eye Slip Hook

Note: Assemblies are equipped with any cable length or color requested. CSA tags available.

Rope Rings and Tie Downs



Recessed Rope Ring With Trim Ring

Recessed Rope Ring & Trim Ring

Stock Number	Capacity (lbs)	Finish	Description
RRINGJ-701	1,000	Zinc	For Use with 3/8" plywood, pan recessed 3/8"

For 1/4" plywood. This design assures strong retention of 1/4" diameter D-ring, 3-1/2" diameter. Two mounting holes for 1/4" screws.



Recessed Rope Ring

Recessed Rope Ring

Stock Number	Capacity (lbs)	Description
RRINGJ-601	1,200	For Use with 3/8" plywood, pan recessed 3/8"



Square Recessed Tie Down

Square Recessed Tie Down #5000

Stock Number	Capacity (lbs)	Finish	Description
RRINGJ-600	5,000	Zinc	Square, Four Bolt Recessed Tie Down



Round Recessed Tie Down

Round Recessed Tie Down #6000

Stock Number	Capacity (lbs)	Finish	Description
RRINGJ-602	6,000	Zinc	Round, 3-Part, Two Bolt Recessed Tie Down



Weld On D-Ring

Weld-On D-Ring

Not for Overhead Lifting

Stock Number	Working Load Limit (lbs)	Material	Weight	Description
J-704	12,000 capacity	C-1045	0.45	1/2" forged D-ring w/ bolt-on mounting bracket.
J-705	18,000 capacity	C-1045	0.70	5/8" forged D-ring w/ weld-on mounting bracket.
J-706	26,500 capacity	C-1045	0.95	3/4" forged D-ring w/ weld-on mounting bracket.
J-707	46,750 capacity	C-1045	1.30	1" forged D-ring w/ weld-on mounting bracket.

The rings come with weld-on mounting brackets. Brackets are 1-7/8" wide and 3/8" thick for J-705 and J-706, 2" wide and 3/8" thick for J-707. Note: J-704's are bolt-on.

Plate Clamps

Model JPA

Plate Thickness – 'A'	Working Load Limit (tons)	Stock Number	Weight (lbs)
0" – 5/8"	1/2	JPA-1/2TON-0"-5/8"	12
1/2" – 1"	1/2	JPA-1/2TON-1/2"-1"	12
3/4" – 1-1/4"	1/2	JPA-1/2TON-3/4"-1.25"	12
1-1/4" – 1-3/4"	1/2	JPA-1/2TON-1.25"-1.75"	12
0" – 3/4"	1	JPA-1TON-0"-3/4"	20
1/2" – 1"	1	JPA-1TON-1/2"-1"	20
3/4" – 1-1/4"	1	JPA-1TON-3/4"-1.25"	20
1" – 1-1/2"	1	JPA-1TON-1"-1.5"	20
1-1/2" – 2"	1	JPA-1TON-1.5"-2"	20

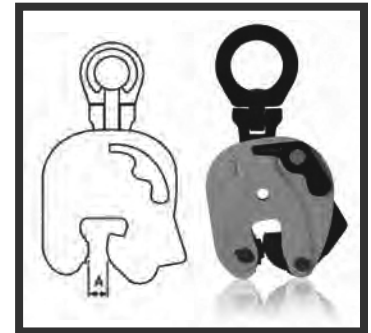


Plate Clamp JPA

The Model JPA is a vertical lifting clamp capable of turning a single plate or member from horizontal to vertical to horizontal through a 180-degree arc. Incorporates a push button auxiliary lock. Permits side loading of lifting shackle to 90 degrees by derating of clamp's rated capacity.

Model JPA incorporates a pivoting shackle that permits side loading of the lifting shackle at 100 percent of rated capacity from vertical to 30 degrees, 75 percent of rated capacity between 30 and 45 degrees and 50 percent of rated capacity between 45 and 90 degrees.

Plate Clamps

Model FR

Plate Thickness – 'A'	Working Load Limit (tons)	Stock Number	Weight (lbs)
0 - 3/4"	1/2	FR-1/2TON-0"-5/8"	8
1/2" - 1"	1/2	FR-1/2TON-1/2"-1"	8
3/4" - 1 1/4"	1/2	FR-1/2TON-3/4"- 1.25"	9
1" - 1 1/2"	1/2	FR-1/2TON-1"-1.5"	10
1 1/4" - 1 3/4"	1/2	FR-1/2TON-1.25"-1.75"	11
0 - 3/4"	1	FR-1TON-0"-3/4"	14
1/2" - 1"	1	FR-1TON-1/2"-1"	15
3/4" - 1 1/4"	1	FR-1TON-3/4"-1.25"	15
1" - 1 1/2"	1	FR-1TON-1"-1.5"	16
1 1/4" - 1 3/4"	1	FR-1TON-1.25"-1.75"	17
1 1/2" - 2"	1	FR-1TON-1.5"-2"	18

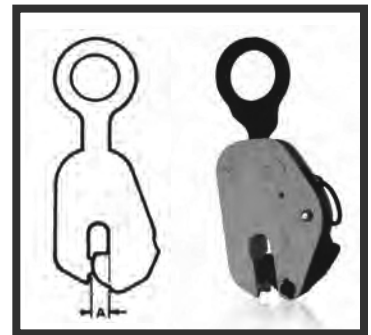


Plate Clamp FR

The Model FR is a vertical lifting tool for relatively light work. It is small and easy to handle in capacities through three tons. It incorporates a "Lock Closed" feature which facilitates attaching the clamp to the plate.

Plate Clamps

Model SCPA

Plate Thickness – 'A'	Working Load Limit (tons)	Stock Number	Weight (lbs)
0" – 3/4"	1/2	SCPA-1/2TON	8
0" – 1-1/4"	1-1/2	SCPA-1.5TON	15
0" – 2"	3	SCPA-3TON	24

Larger Sizes and Repair Kits Available Upon Request

The SCPA clamp is capable of handling steel plate from horizontal to vertical to horizontal through a 180 degree arc and may be used for handling plate at rolling and forming machines. These clamps feature a spring loaded pivoting cam jaw that "cams in" when a load is applied to the lifting shackle. Clamp is capable of handling plate horizontally when used in pairs or sets of pairs, or in a tripod arrangement. *Pivoting shackle assembly, as shown, is available on capacities of 3 tons and larger.

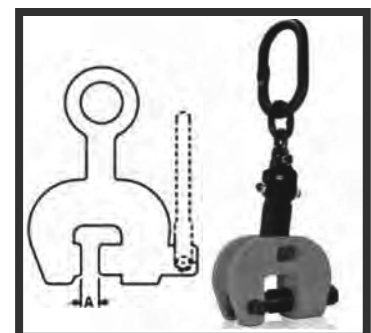


Plate Clamp SCPA

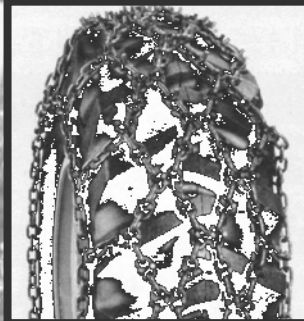
Logging Supplies



Single Truck



Dual Triple Truck



Double Diamond



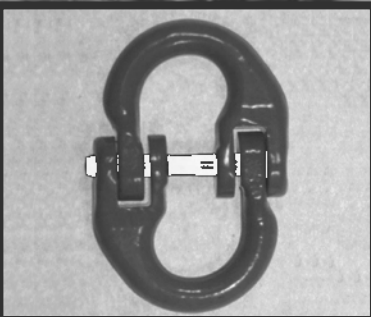
Ring/Bear Claw



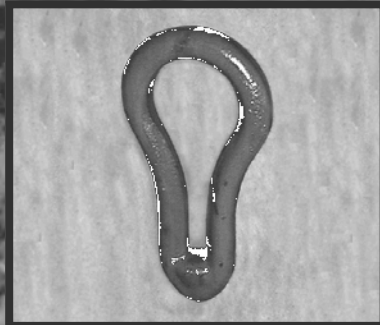
Winch Line



C80 & C100 Chain



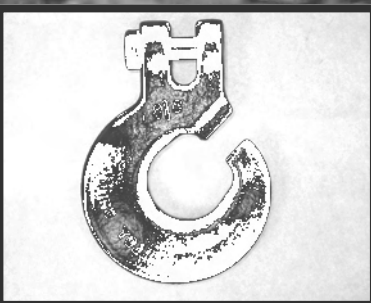
Alloy Coupling Link



Keyhole Grab Hook



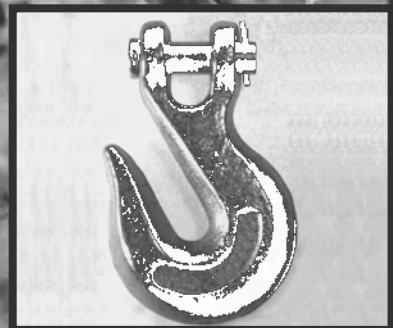
Screw Pin Anchor Shackle



Chain Choker Hook



Main Line Slide



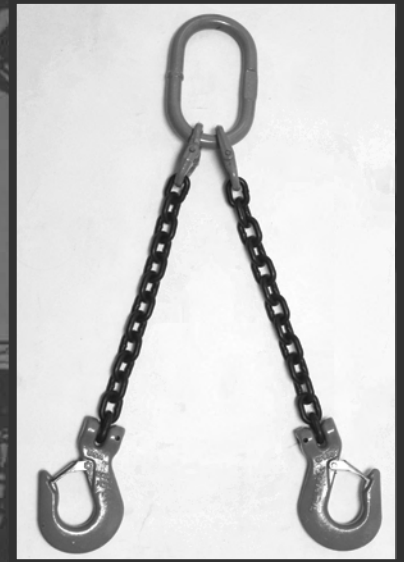
Clevis Grab Hook



OSHA Knot/Field Wedge



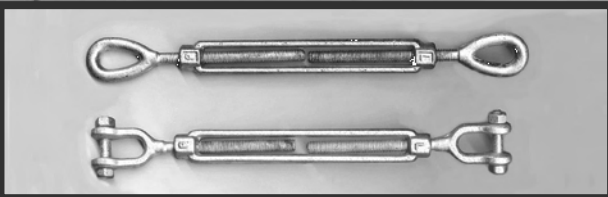
Wire Rope Slings



Chain Sling



Endless Slings – Grommet



Turnbuckles



Whip Restraint Cable



Endless Round Slings



Winchline with Tail Chain



Safety Anchor Shackle



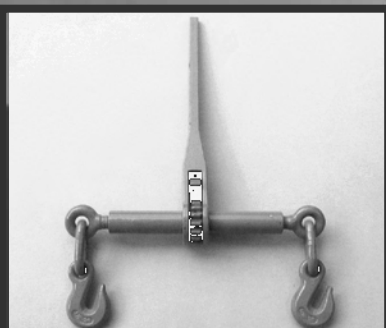
Manila Rope



Tail Board Block



Snatch Block With Shackle



Ratchet Load Binder



Binder Chain



Snatch Block With Hook

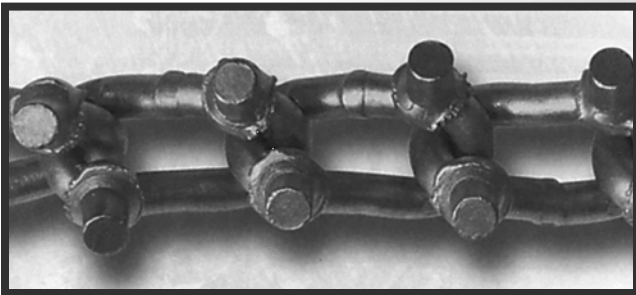
Tire Chains



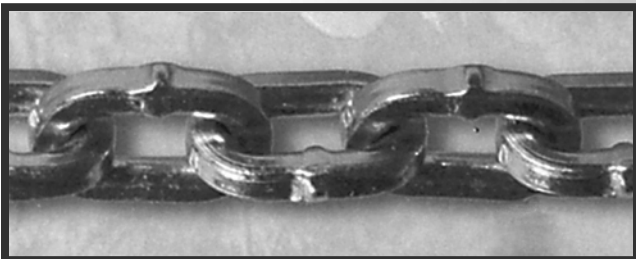
Twist Link Highway Service



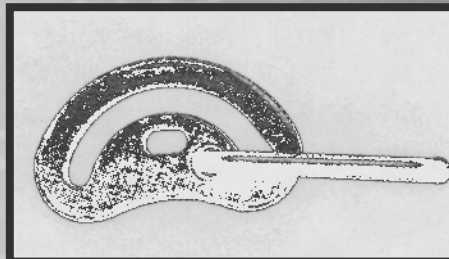
V-Bar Reinforced



Studded



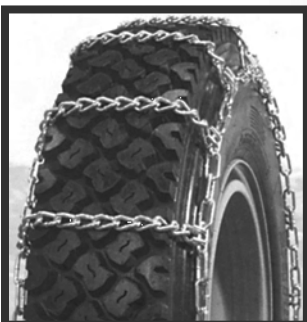
Square Link



Replacement Tightener Cam



Rubber Strap



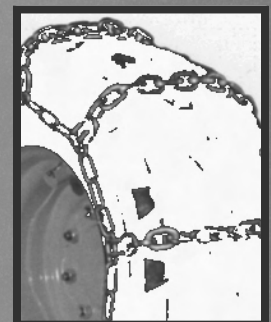
Single Truck



Dual Triple Truck



Mud Service



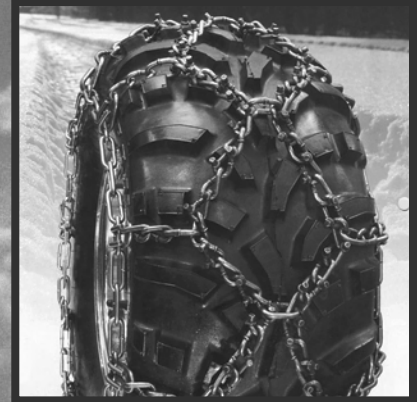
Skid-Steer

Rules for Using Tire Chains:

IMPORTANT: Prefit Chains Prior to Actual Use!

For Your Convenience & Safety:

- Consult owner's manual to see if chains can be used on your vehicle.
- Make certain your tire chains are properly sized for your tires. A proper fit is key to performance.
- Follow directions for installing tire chains. Apply as tightly as possible by hand for maximum chain life.
- Be sure to pull off highway to safe place before installing, servicing or removing tire chains.
- Do not deflate tires to install tire chains.
- Drive approximately 1/4 mile. Stop & retighten. Extra links may be cut off or preferably retained on the fastener arm. Keep chains tight to snug throughout the operation. Only after retightening may rubber adjusters be applied.
- Do not exceed 30 m.p.h. Accelerate and decelerate slowly. Avoid spinning or locking of wheels.
- If a cross chain should fail, stop immediately. Repair or remove. Do Not drive with a broken chain.
- Avoid hitting curbs with tire chains.
- Tire chains are not designed for towing vehicles.



Diamond Pattern



V-Bar Diamond



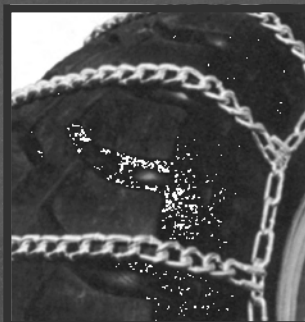
Studded

Ordering:

1. Tell us the size of your tire
2. Select the style of chain (V-Bar, Studded, Square, etc.)
3. Select the primary environment you will use your chains in (ice, mud, highway, etc.)



Tractor H-Pattern



*Heavy Equipment/
Loader*



Fork Lift



Lawn & Garden

Wear and Abuse

Typical Evidence of Wear and Abuse

All wire ropes should be thoroughly inspected at regular intervals. The longer it has been in service or the more severe the service, the more thoroughly and frequently it should be inspected. Be sure to maintain records of each inspection.

Inspections should be carried out by a person who has learned through special training or practical experience what to look for and who knows how to judge the importance of any abnormal conditions they may discover. It is the inspector's responsibility to obtain and follow the proper inspection criteria for each application inspected.



Here you see a single strand removed from a wire rope subjected to "**STRAND NICKING.**" This condition is a result of adjacent strands rubbing against one another. While this is normal in a rope's operation, the nicking can be accentuated by high loads, small sheaves or loss of core support. The ultimate result will be individual wire breaks in the valleys of the strands.



A typical failure of a rotary drill line with a **POOR CUTOFF PRACTICE.** These wires have been subjected to continued peening, causing fatigue type failures. A predetermined, regularly scheduled cutoff practice can help eliminate this type of problem.



A "**BIRDCAGE**" is caused by sudden release of tension and the resulting rebound of rope. These strands and wires will not be returned to their original positions. The rope should be replaced immediately.



This is **LOCALIZED WEAR** over an equalized sheave. The danger here is that it's invisible during the rope's operation, and that's why you need to inspect this portion of an operating rope regularly. The rope should be pulled off the sheave during inspection and bent to check for broken wires.



This is a wire rope with a **HIGH STRAND** – a condition in which one or more strands are worn before adjoining strands. This is caused by improper socketing or seizing, kinks or dog-legs. It recurs every sixth strand in a 6-strand rope.



A **KINKED WIRE ROPE** is shown here. It's caused by pulling down a loop in a slack line during handling, installation or operation. Note the distortion of the strands and individual wires. This rope must be replaced.



Here's a **WIRE ROPE THAT HAS JUMPED A SHEAVE.** The rope "curled" as it went over the edge of the sheave. When you study the wires, you'll see two types of breaks here: tensile "cup and cone" breaks and shear breaks that appear to have been cut on an angle.



An example of fatigue failure of a wire rope subjected to **HEAVY LOADS OVER SMALL SHEAVES.** The breaks in the valleys of the strands are caused by "strand nicking." There may be crown breaks, too.

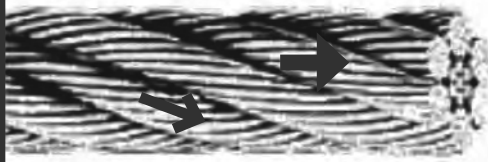


DRUM CRUSHING is caused by small drums, high loads and multiple winding conditions.

Lay

Definition

Regular Lay



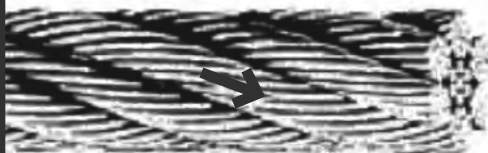
Most common lay in which the wires wind in one direction and the strands the opposite direction. (right lay shown)

Lang Lay



Wires in strand and strands of rope wind the same direction. (right lay shown)

Right Lay



Strands wound to the right around the core. (regular lay shown)

Left Lay

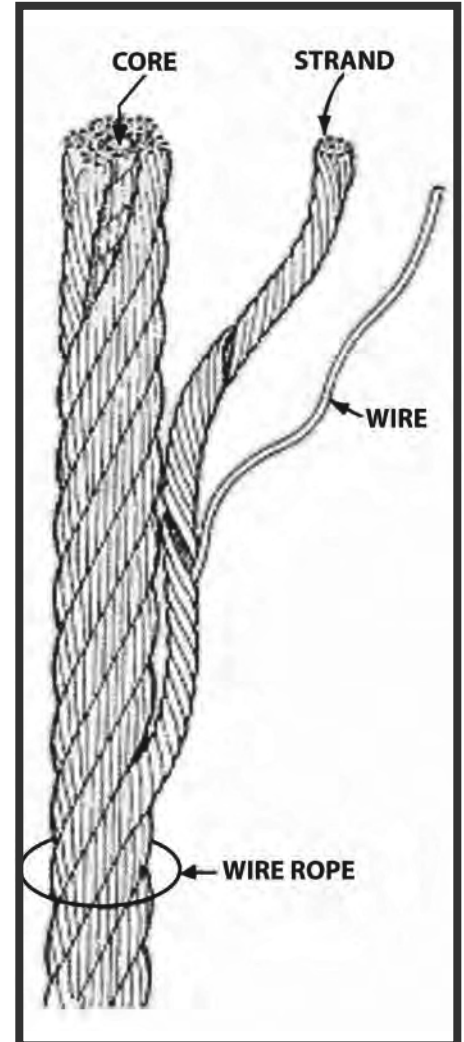


Strands wound to the left around the core. (regular lay shown)

Alternate Lay



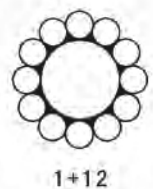
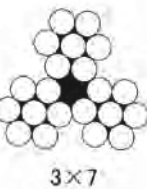
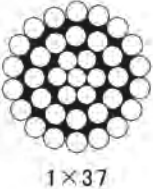
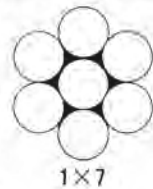
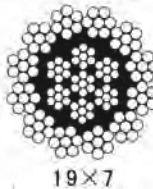
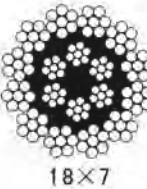
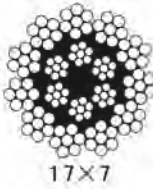
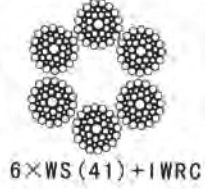
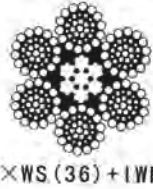
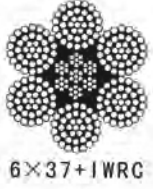
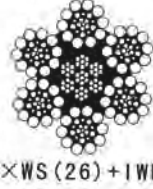
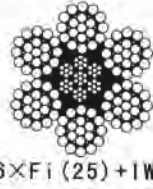
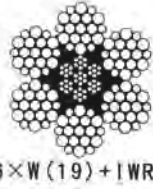
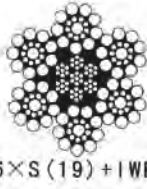
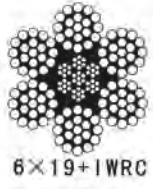
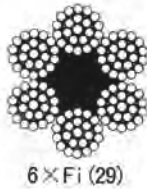
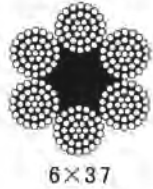
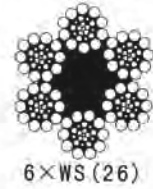
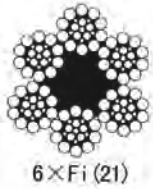
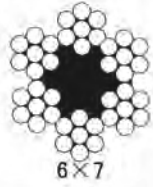
Alternate strands of right regular lay and right lang lay.



KEY



Cross Sections of Wire Rope



Decimal & Metric Conversion Table

Fractional Equivalent (in)	Decimal Equivalent (in)	Metric Equivalent (mm)
1/64	.0156	.397
1/32	.0312	.794
3/64	.0469	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0938	2.381
7/64	.1094	2.778
1/8	.1250	3.175

9/64	.1406	3.572
5/32	.1562	3.969
11/64	.1719	4.366
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2188	5.556
15/64	.2344	5.953
1/4	.2500	6.350

17/64	.2656	6.747
9/32	.2812	7.144
19/64	.2969	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3438	8.731
23/64	.3594	9.128
3/8	.3750	9.525

25/64	.3906	9.922
13/32	.4062	10.319
27/64	.4219	10.716
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4688	11.906
31/64	.4844	12.303
1/2	.5000	12.700

MASS CONVERSIONS

TO CONVERT FROM U.S. TONS TO METRIC TONS MULTIPLY BY .907185
 TO CONVERT FROM METRIC TONS TO U.S. TONS MULTIPLY BY 1.10231
 TO CONVERT FROM METRIC TONS TO POUNDS MULTIPLY BY 2204.62
 TO CONVERT FROM METRIC TONS TO KILOGRAMS MULTIPLY BY 1000
 TO CONVERT FROM POUNDS TO KILOGRAMS MULTIPLY BY .453592
 TO CONVERT FROM KILOGRAMS TO POUNDS MULTIPLY BY 2.20462

Fractional Equivalent (in)	Decimal Equivalent (in)	Metric Equivalent (mm)
33/64	.5156	13.097
17/32	.5312	13.494
35/64	.5469	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5938	15.081
39/64	.6094	15.478
5/8	.6250	15.875

41/64	.6406	16.272
21/32	.6562	16.669
43/64	.6719	17.065
11/16	.6875	17.462
45/64	.7031	17.859
23/32	.7188	18.256
47/64	.7344	18.653
3/4	.7500	19.050

49/64	.7656	19.447
25/32	.7812	19.844
51/64	.7969	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8438	21.431
55/64	.8594	21.828
7/8	.8750	22.225

57/64	.8906	22.622
29/32	.9062	23.019
59/64	.9219	23.416
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9688	24.606
63/64	.9844	25.003
1	1.0000	25.400

TEMPERATURE CONVERSIONS

TO CONVERT FROM DEGREE FAHRENHEIT TO DEGREE CELSIUS USE
 $T_c = 5/9(T_f - 32)$
 TO CONVERT FROM DEGREE CELSIUS TO DEGREE FAHRENHEIT USE
 $T_f = 8/5(T_c) + 32$

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