

Working load limits for every nylon web sling we sell: eye & eye (flat and twisted eye) and endless slings, 1 to 4 ply, 1" to 12" wide, in pounds.

Eye & Eye Nylon Sling Capacity

Eye & Eye nylon sling, 1 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	1,600	1,280	3,200
2"	3,100	2,480	6,200
3"	4,650	3,720	9,300
4"	6,200	4,960	12,400
6"	9,300	7,400	18,600
8"	12,400	9,920	24,800
10"	15,500	12,400	31,000
12"	18,600	14,880	37,200

Eye & Eye nylon sling, 3 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	4,100	3,300	8,200
2"	8,300	6,600	16,600
3"	12,500	10,000	25,000
4"	16,000	12,800	32,000
6"	23,000	18,400	46,000
8"	30,700	24,500	61,400
10"	36,800	29,400	73,600
12"	44,000	35,200	88,000

Capacities in pounds (lbs). Ratings do not change with sling length.

Eye & Eye nylon sling, 2 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	3,100	2,480	6,200
2"	6,200	4,960	12,400
3"	9,300	7,440	18,600
4"	11,000	8,800	22,000
6"	16,500	13,200	33,000
8"	22,000	17,600	44,000
10"	27,500	22,000	55,000
12"	33,000	26,400	66,000

Eye & Eye nylon sling, 4 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	6,200	4,960	12,400
2"	12,400	9,920	24,800
3"	18,600	14,880	37,200
4"	22,000	17,600	44,000
6"	33,000	26,400	66,000
8"	44,000	35,200	88,000
10"	55,000	44,000	110,000
12"	66,000	52,800	132,000

Safety first: Never exceed the working load limit (WLL). Ratings shown are the manufacturer ratings listed on our product pages; always follow the WLL marked on the shackle or sling tag, which governs. Inspect all rigging before each use and remove damaged gear from service. Sling angle and hitch reduce capacity, so do not rig below 30°.

View this chart online: <https://slingsunlimited.com/learning-center/nylon-sling-capacity-chart/>

Endless nylon web slings, 1 to 4 ply, 1" to 12" wide: vertical, choker and basket capacity in pounds.

Endless Nylon Sling Capacity

Endless nylon sling, 1 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	3,200	2,500	6,400
2"	6,400	5,000	12,800
3"	8,600	6,900	17,200
4"	11,500	9,200	23,000
6"	16,300	13,000	32,600
8"	19,200	15,400	38,400
10"	22,400	17,900	44,800
12"	26,900	21,500	53,800

Endless nylon sling, 3 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	8,200	6,600	16,400
2"	16,000	12,800	32,000
3"	21,500	17,200	43,000
4"	28,700	23,000	57,400
6"	40,700	32,500	81,400
8"	46,000	36,800	92,000
10"	51,500	41,200	103,000
12"	59,200	47,300	118,400

Endless nylon sling, 2 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	6,200	4,900	12,400
2"	12,200	9,800	24,400
3"	16,300	13,000	32,600
4"	20,700	16,500	41,400
6"	28,600	23,000	57,200
8"	30,700	24,500	61,400
10"	33,600	26,800	67,200
12"	37,600	30,000	75,200

Endless nylon sling, 4 ply: WLL in pounds by hitch			
Width	Vertical (lbs)	Choker (lbs)	Basket (lbs)
1"	11,000	8,800	22,000
2"	19,800	15,800	39,600
3"	26,700	21,300	53,400
4"	35,600	28,400	71,200
6"	50,500	40,400	101,000
8"	57,600	46,000	115,200
10"	67,200	53,700	134,400
12"	80,700	64,500	161,400

Capacities in pounds (lbs). Ratings do not change with sling length.

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Polyester Round Sling Capacity Chart

Working load limits for every endless polyester round sling we sell, from the purple SP-300 to the black SP-9000, in pounds. Made in the USA; meets or exceeds ASME B30.9.

Endless polyester round sling: WLL in pounds by hitch			
Color & Code	Vertical (lbs)	Choker (lbs)	Basket (lbs)
● Purple SP-300	3,000	2,400	6,000
● Green SP-600	6,000	4,800	12,000
● Yellow SP-900	9,000	7,200	18,000
● Orange SP-1200	12,000	9,600	24,000
● Red SP-1400	14,000	11,200	28,000
● Orange SP-1700	17,000	13,600	34,000
● Blue SP-2200	22,000	17,600	44,000
● Orange SP-2600	26,000	20,800	52,000
● Orange SP-3200	32,000	25,600	64,000
● Orange SP-4000	40,000	32,000	80,000
● Orange SP-5300	53,000	42,400	106,000
● Black SP-6600	66,000	52,800	132,000
● Black SP-9000	90,000	72,000	180,000

Basket ratings are for a vertical basket hitch. Capacity drops as the sling angle flattens; do not rig below 30°. Round sling jacket colors help identify capacity at a glance; always confirm the rating on the sling tag.

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View this chart online: <https://slingsunlimited.com/learning-center/round-sling-capacity-chart/>

Grade 100 Chain Sling Capacity Chart

Working load limits for every Grade 100 chain sling we sell, 9/32" to 1" chain, in 1, 2, 3 and 4 leg configurations.

Single leg Grade 100 chain sling: WLL in pounds by hitch			
Chain Size	Vertical (lbs)	Choker (lbs)	Basket (lbs)
9/32"	4,300	3,400	8,600
3/8"	8,800	7,000	17,600
1/2"	15,000	12,000	30,000
5/8"	22,600	18,000	45,200
3/4"	35,300	28,200	70,600
7/8"	42,700	34,100	85,400
1"	59,700	47,700	119,400

2 leg Grade 100 chain sling: WLL in pounds by sling angle Sling angle is measured from horizontal.			
Chain Size	60° (lbs)	45° (lbs)	30° (lbs)
9/32"	7,400	6,100	4,300
3/8"	15,200	12,400	8,800
1/2"	26,000	21,200	15,000
5/8"	39,100	32,000	22,600
3/4"	61,100	49,900	35,300
7/8"	74,000	60,400	42,700
1"	103,400	84,400	59,700

3 leg Grade 100 chain sling: WLL in pounds by sling angle Sling angle is measured from horizontal.			
Chain Size	60° (lbs)	45° (lbs)	30° (lbs)
9/32"	11,200	9,100	6,400
3/8"	22,900	18,700	13,200
1/2"	39,000	31,800	22,500
5/8"	58,700	47,900	33,900
3/4"	91,700	74,900	52,950
7/8"	110,900	90,600	64,000
1"	155,100	126,000	89,550

4 leg Grade 100 chain sling: WLL in pounds by sling angle Sling angle is measured from horizontal.			
Chain Size	60° (lbs)	45° (lbs)	30° (lbs)
9/32"	11,200	9,100	6,400
3/8"	22,900	18,700	13,200
1/2"	39,000	31,800	22,500
5/8"	58,700	47,900	33,900
3/4"	91,700	74,900	52,950
7/8"	110,900	90,600	64,000
1"	155,100	126,000	89,550

Capacities in pounds (lbs). Single leg slings show vertical, choker and basket ratings; 2, 3 and 4 leg slings show ratings at 60°, 45° and 30° sling angles.

Safety first: Never exceed the working load limit (WLL). Ratings shown are the manufacturer ratings listed on our product pages; always follow the WLL marked on the shackle or sling tag, which governs. Inspect all rigging before each use and remove damaged gear from service. Sling angle and hitch reduce capacity, so do not rig below 30°.

View this chart online: <https://slingsunlimited.com/learning-center/chain-sling-capacity-chart/>

Wire Rope Sling Capacity Chart

Working load limits for every wire rope sling we sell, 3/8" to 1" IWRC EIPS wire rope: single leg slings and chokers and 2, 3 and 4 leg bridles.

Single leg wire rope sling & choker: WLL in tons by hitch			
Rope Dia.	Vertical (tons)	Choker (tons)	Basket (tons)
3/8"	1.4	1.1	2.9
1/2"	2.5	1.9	5.1
5/8"	3.9	2.9	7.8
3/4"	5.6	4.1	11
7/8"	7.6	5.6	15
1"	9.8	7.2	20

2 leg wire rope bridle: WLL in tons by sling angle Sling angle is measured from horizontal.			
Rope Dia.	60° (tons)	45° (tons)	30° (tons)
3/8"	2.5	2	1.4
1/2"	4.4	3.6	2.5
5/8"	6.8	5.5	3.9
3/4"	9.7	7.9	5.6
7/8"	13	11	7.6
1"	17	14	9.8

3 leg wire rope bridle: WLL in tons by sling angle Sling angle is measured from horizontal.			
Rope Dia.	60° (tons)	45° (tons)	30° (tons)
3/8"	3.7	3	2.2
1/2"	6.6	5.4	3.8
5/8"	10	8.3	5.9
3/4"	15	12	8.4
7/8"	20	16	11
1"	26	21	15

4 leg wire rope bridle: WLL in tons by sling angle Sling angle is measured from horizontal.			
Rope Dia.	60° (tons)	45° (tons)	30° (tons)
3/8"	5	4.1	2.9
1/2"	8.8	7.1	5.1
5/8"	14	11	7.8
3/4"	19	16	11
7/8"	26	21	15
1"	34	28	20

Capacities in tons. IWRC EIPS wire rope. Ratings apply to standard (soft) eyes and thimble eyes alike, and do not change with length.

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View this chart online: <https://slingsunlimited.com/learning-center/wire-rope-sling-capacity-chart/>

Shackle Capacity Chart

Working load limit (WLL) for CM Super Strong (1/4"–2"), Crosby G-209 & G-2130 (3/16"–2-1/2"), and Green Pin® Van Beest (1/4"–2") galvanized anchor shackles.

Shackle working load limit (WLL) by size and brand

Screw pin and bolt type shackles of the same size and brand share one rating.

Shackle Size	CM Super Strong	Crosby G-209 & G-2130	Green Pin® (Van Beest)
	WLL (US tons)	WLL (US tons)	WLL (metric t)
3/16"	—	0.33 tons (660 lbs)	—
1/4"	0.75 ton (1,500 lbs)	0.5 tons (1,000 lbs)	0.5 t (1,100 lbs)
5/16"	—	0.75 tons (1,500 lbs)	—
3/8"	1.5 tons (3,000 lbs)	1 ton (2,000 lbs)	1 t (2,200 lbs)
7/16"	—	1.5 tons (3,000 lbs)	—
1/2"	3 tons (6,000 lbs)	2 tons (4,000 lbs)	2 t (4,410 lbs)
5/8"	4.5 tons (9,000 lbs)	3.25 tons (6,500 lbs)	3.25 t (7,170 lbs)
3/4"	6.5 tons (13,000 lbs)	4.75 tons (9,500 lbs)	4.75 t (10,470 lbs)
7/8"	8.5 tons (17,000 lbs)	6.5 tons (13,000 lbs)	6.5 t (14,330 lbs)
1"	10 tons (20,000 lbs)	8.5 tons (17,000 lbs)	8.5 t (18,740 lbs)
1-1/8"	12 tons (24,000 lbs)	9.5 tons (19,000 lbs)	9.5 t (20,940 lbs)
1-1/4"	14 tons (28,000 lbs)	12 tons (24,000 lbs)	12 t (26,460 lbs)
1-3/8"	—	13.5 tons (27,000 lbs)	—
1-1/2"	20 tons (40,000 lbs)	17 tons (34,000 lbs)	17 t (37,480 lbs)
1-3/4"	30 tons (60,000 lbs)	25 tons (50,000 lbs)	25 t (55,120 lbs)
2"	35 tons (70,000 lbs)	35 tons (70,000 lbs)	35 t (77,160 lbs)
2-1/2"	—	55 tons (110,000 lbs)	—

Units: CM Super Strong and Crosby (G-209 & G-2130) are shown in US tons (1 ton = 2,000 lbs). Green Pin® (Van Beest) is rated in metric tonnes, shown as "t" (1 t = 1,000 kg ≈ 2,205 lbs). Dimensions and weights for each brand are on the following pages.

Safety first: Never exceed the working load limit (WLL). Capacities shown are the manufacturer ratings listed on our product pages; the WLL marked on the shackle body governs. Capacities vary by brand, so do not swap brands assuming the same rating. Inspect shackles and pins before each use and remove damaged or worn shackles from service.

View this chart online: <https://slingsunlimited.com/learning-center/shackle-capacity-chart/>

CM Super Strong Anchor Shackle Chart

Working load limit (WLL), dimensions and weights for the CM Super Strong galvanized screw pin and bolt type anchor shackles we sell, 1/4" to 2".

CM Super Strong anchor shackles: working load limit, dimensions and weights

Screw pin and bolt type shackles of the same size and brand share one rating.

Shackle Size	WLL (US tons)	Dimensions (inches)				Weight (lbs)	
		Pin Dia.	Inside Width	Inside Length	Mouth Width	Screw Pin	Bolt Type
1/4"	0.75 ton (1,500 lbs)	0.31"	0.75"	1.13"	0.47"	0.12	0.12
3/8"	1.5 tons (3,000 lbs)	0.44"	1.0"	1.4"	0.66"	0.3	0.30
1/2"	3 tons (6,000 lbs)	0.63"	1.38"	1.94"	0.84"	0.75	0.75
5/8"	4.5 tons (9,000 lbs)	0.75"	1.63"	2.41"	1.06"	1.3	1.3
3/4"	6.5 tons (13,000 lbs)	0.88"	1.89"	2.84"	1.28"	2.3	2.3
7/8"	8.5 tons (17,000 lbs)	1.00"	2.06"	3.31"	1.44"	3.5	3.5
1"	10 tons (20,000 lbs)	1.13"	2.52"	3.75"	1.72"	5	5
1-1/8"	12 tons (24,000 lbs)	1.25"	2.69"	4.02"	1.84"	7	7
1-1/4"	14 tons (28,000 lbs)	1.38"	2.88"	4.63"	2.03"	9.5	9.5
1-1/2"	20 tons (40,000 lbs)	1.63"	3.50"	5.63"	2.41"	17.2	17.2
1-3/4"	30 tons (60,000 lbs)	2.00"	4.75"	6.97"	2.94"	27.7	27.7
2"	35 tons (70,000 lbs)	2.25"	5.5"	7.44"	3.28"	39	39

Units: CM Super Strong is rated in US tons (1 ton = 2,000 lbs). Dimensions in inches; weights in lbs. Screw pin and bolt type shackles of the same size share one rating.

Safety first: Never exceed the working load limit (WLL). Capacities shown are the manufacturer ratings listed on our product pages; the WLL marked on the shackle body governs. Capacities vary by brand, so do not swap brands assuming the same rating. Inspect shackles and pins before each use and remove damaged or worn shackles from service.

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Crosby G-209 & G-2130 Anchor Shackle Chart

Working load limit (WLL), Crosby stock numbers, dimensions and weights for Crosby G-209 Screw Pin & G-2130 Bolt Type galvanized anchor shackles, 3/16" to 2-1/2" (0.33 to 55 Tons).

Crosby G-209 (Screw Pin) & G-2130 (Bolt Type) anchor shackles: WLL, stock numbers, dimensions and weights

G-209 and G-2130 shackles of the same nominal size share the same Working Load Limit and inside bow dimensions.

Nominal Size (D)	WLL (US tons)	Crosby Stock No.		Dimensions (inches)					Weight (lbs)	
		G-209 Screw	G-2130 Bolt	Pin Dia. (B)	Inside Width (E)	Inside Len. (C)	Mouth Width (A)	Outer Bow (G)	G-209	G-2130
3/16"	0.33 tons (660 lbs)	1018357	1019464	1/4" (0.25")	0.60"	0.88"	0.38"	0.98"	0.06	0.06
1/4"	0.5 tons (1,000 lbs)	1018375	1019466	5/16" (0.31")	0.78"	1.13"	0.47"	1.28"	0.10	0.11
5/16"	0.75 tons (1,500 lbs)	1018393	1019468	3/8" (0.38")	0.84"	1.22"	0.53"	1.47"	0.18	0.22
3/8"	1 ton (2,000 lbs)	1018419	1019470	7/16" (0.44")	1.03"	1.44"	0.66"	1.78"	0.31	0.33
7/16"	1.5 tons (3,000 lbs)	1018437	1019471	1/2" (0.50")	1.16"	1.69"	0.75"	2.03"	0.38	0.49
1/2"	2 tons (4,000 lbs)	1018455	1019472	5/8" (0.63")	1.31"	1.88"	0.81"	2.31"	0.72	0.79
5/8"	3.25 tons (6,500 lbs)	1018473	1019490	3/4" (0.75")	1.69"	2.38"	1.06"	2.94"	1.37	1.68
3/4"	4.75 tons (9,500 lbs)	1018491	1019515	7/8" (0.88")	2.00"	2.81"	1.25"	3.50"	2.35	2.72
7/8"	6.5 tons (13,000 lbs)	1018516	1019533	1" (1.00")	2.28"	3.31"	1.44"	4.03"	3.62	3.95
1"	8.5 tons (17,000 lbs)	1018534	1019551	1-1/8" (1.13")	2.69"	3.75"	1.69"	4.69"	5.03	5.66
1-1/8"	9.5 tons (19,000 lbs)	1018552	1019579	1-1/4" (1.25")	2.91"	4.25"	1.81"	5.16"	7.41	8.27
1-1/4"	12 tons (24,000 lbs)	1018570	1019597	1-3/8" (1.38")	3.25"	4.69"	2.03"	5.75"	9.50	11.71
1-3/8"	13.5 tons (27,000 lbs)	1018598	1019613	1-1/2" (1.50")	3.63"	5.25"	2.25"	6.38"	13.53	15.83
1-1/2"	17 tons (34,000 lbs)	1018614	1019631	1-5/8" (1.63")	3.88"	5.75"	2.38"	6.88"	17.20	19.00
1-3/4"	25 tons (50,000 lbs)	1018632	1019659	2" (2.00")	5.00"	7.00"	2.88"	8.86"	27.78	33.91
2"	35 tons (70,000 lbs)	1018650	1019677	2-1/4" (2.25")	5.75"	7.75"	3.25"	9.97"	45.00	52.25
2-1/2"	55 tons (110,000 lbs)	1018678	1019695	2-3/4" (2.75")	7.25"	10.50"	4.13"	12.87"	85.75	98.25

Specifications: Crosby G-209 (Screw Pin) & G-2130 (Bolt Type) forged carbon anchor shackles with alloy Red Pin®, 6:1 design factor, QUIC-CHECK® markings, hot-dip galvanized. Rated in US short tons (1 ton = 2,000 lbs); dimensions in inches; weights in lbs. Meets ASME B30.26, RR-C-271H & EN 13889.

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View this chart online: <https://slingsunlimited.com/learning-center/shackle-capacity-chart/>

Green Pin® (Van Beest) Anchor Shackle Chart

Working load limit (WLL), dimensions and weights for the Green Pin® (Van Beest) galvanized screw pin and bolt type anchor shackles we sell, 1/4" to 2".

Green Pin® (Van Beest) anchor shackles: working load limit, dimensions and weights

Screw pin and bolt type shackles of the same size and brand share one rating.

Shackle Size	WLL (metric t)	Dimensions (inches)				Weight (lbs)	
		Pin Dia.	Inside Width	Inside Length	Mouth Width	Screw Pin	Bolt Type
1/4"	0.5 t (1,100 lbs)	5/16"	0.78"	1.16"	0.47"	0.11	0.11
3/8"	1 t (2,200 lbs)	7/16"	1.03"	1.44"	0.66"	0.3	0.34
1/2"	2 t (4,410 lbs)	5/8"	1.25"	2"	0.88"	0.79	0.92
5/8"	3.25 t (7,170 lbs)	3/4"	1.69"	2.53"	1.06"	1.38	1.62
3/4"	4.75 t (10,470 lbs)	7/8"	2"	3"	1.22"	2.22	2.59
7/8"	6.5 t (14,330 lbs)	1"	2.28"	3.28"	1.41"	3.31	3.9
1"	8.5 t (18,740 lbs)	1-1/8"	2.69"	3.75"	1.69"	4.86	5.69
1-1/8"	9.5 t (20,940 lbs)	1-1/4"	2.94"	4.25"	1.84"	6.97	8.06
1-1/4"	12 t (26,460 lbs)	1-3/8"	3.28"	4.53"	2"	9.49	10.81
1-1/2"	17 t (37,480 lbs)	1-5/8"	3.91"	5.75"	2.38"	16.37	18.06
1-3/4"	25 t (55,120 lbs)	2"	4.97"	7"	2.91"	28.31	31.34
2"	35 t (77,160 lbs)	2-1/4"	5.44"	7.75"	3.28"	40.01	43.77

Units: Green Pin® (Van Beest) is rated in metric tonnes, shown as "t" (1 t = 1,000 kg ≈ 2,205 lbs). Pounds are converted at 2,204.62 lbs per t and rounded to the nearest 10 lbs. Dimensions in inches; weights in lbs.

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