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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.

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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.

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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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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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