



Ontario 1-800-457-9997
 Quebec 1-877-239-5444
 Alberta 1-780-644-9000

Lifting Sling Capacities (WLL) in LBS

Rigger's Choice® Chain Slings Capacities Grade 80

Inch	mm	90° Vertical			2-Leg & Basket			3 and 4 Leg		
		Vertical	Choker > 30°	Choker > 30°	60°	45°	30°	60°	45°	30°
9/32	7	2,800	2,100	2,100	4,800	4,000	2,800	7,300	5,900	4,200
5/16	8	3,600	2,700	2,700	6,200	5,100	3,600	9,400	7,600	5,400
3/8	10	5,700	4,300	4,300	9,900	8,100	5,700	14,800	12,100	8,600
1/2	13	9,600	7,200	7,200	16,600	13,600	9,600	24,900	20,400	14,400
5/8	16	14,500	10,900	10,900	25,100	20,500	14,500	37,700	30,800	21,800
3/4	19	22,600	17,000	17,000	39,100	32,000	22,600	58,700	47,900	33,900
7/8	22	27,400	20,600	20,600	47,500	38,700	27,400	71,200	58,100	41,100
1	26	38,200	28,700	28,700	66,200	54,000	38,200	99,200	81,000	57,300
1-1/4	32	57,800	43,400	43,400	100,100	81,700	57,800	150,200	122,600	86,700

Capacities as per NACM DF 5:1

Chain Inspection

Remove from service if you detect:

- Wear
- Nicks, Cracks
- Stretch
- Twisted Links, deformed Hardware

Strength loss over corners:

- 100% of WLL (F = 2 x D)
- 70% of WLL (F = 3 x D)
- 50% of WLL (F = 4 x D)

Do NOT twist or knot chain

Rigger's Choice® Chain Slings Capacities Grade 100

Inch	mm	90° Vertical			2-Leg & Basket			3 and 4 Leg		
		Vertical	Choker > 30°	Choker > 30°	60°	45°	30°	60°	45°	30°
7/32	6	2,500	1,900	1,900	4,300	3,500	2,500	6,500	5,300	3,800
5/16	8	4,600	3,500	3,500	8,000	6,500	4,600	12,000	9,800	6,900
3/8	10	7,000	5,300	5,300	12,100	9,900	7,000	18,200	14,800	10,500
1/2	13	12,000	9,000	9,000	20,800	17,000	12,000	31,200	25,500	18,000
5/8	16	18,100	13,600	13,600	31,400	25,600	18,100	47,000	38,400	27,200
3/4	19	28,200	21,200	21,200	48,800	39,900	28,200	73,300	59,800	42,300
7/8	22	34,200	25,700	25,700	59,200	48,400	34,200	88,900	72,500	51,300
1	26	47,800	35,900	35,900	82,800	67,600	47,800	124,200	101,400	71,700
1-1/4	32	72,300	54,200	54,200	125,200	102,200	72,300	187,800	153,400	108,500

Capacities as per NACM DF 5:1

UNI PATH® Polyester Round Slings

WSTDA Size #	Colour Code	90° Vertical			2 Sling or Basket Hitch			WSTDA recommended Minimum Shackle or Hardware Stock Diameter or Thickness to ensure a DF of 5:1
		Vertical	Choker Hitch	Choker Hitch	60°	45°	30°	
1	Purple	2,600	2,080	2,080	4,500	3,600	2,600	7/16"
	Black	4,000	3,200	3,200	6,900	5,600	4,000	5/8"
2	Green	5,300	4,240	4,240	9,200	7,500	5,300	5/8"
3	Yellow	8,400	6,720	6,720	14,500	11,800	8,400	3/4"
4	Tan	10,600	8,480	8,480	18,300	15,000	10,600	7/8"
5	Red	13,200	10,560	10,560	22,800	18,700	13,200	1"
6	Orange	16,800	13,440	13,440	29,000	23,700	16,800	1-1/8"
7	Blue	21,100	16,960	16,960	36,700	30,000	21,100	1-3/16"
8	Orange	25,000	20,000	20,000	43,300	35,300	25,000	1-1/4"
9	Grey/Orange	31,000	24,800	24,800	53,700	43,800	31,000	1-1/2"
10	Orange	40,000	32,000	32,000	69,300	56,500	40,000	1-5/8"
11	Orange	53,000	42,400	42,400	91,800	75,000	53,000	2"
12	Orange	66,000	52,000	52,000	114,300	93,300	66,000	2-1/8"
	Orange	80,000	64,000	64,000	138,500	113,100	80,000	2-1/4"
13	Orange	90,000	72,000	72,000	155,800	127,200	90,000	2-1/2"

Capacities as per CI 1905 & WSTDA DF 5:1

Cut Protection

Corner-Max® Pad

CornerMax® Sleeve

ULCP Protector

Inspection

Remove if you detect cover damage. Torn covers can be repaired as long as the load fibers are not damaged.

Use proper wear pads to prevent damage to the sling.

Although Twin-Path® slings have two independent load bundles, REMOVE sling from service if one is cut or damaged.

Remove Twin-Path sling from service if Check-Fast® has disappeared. Also remove from service if optional fiber optic does not transmit light.

Higher- or lower capacity slings, and intermediate sizes upon request.

TWIN PATH® Lifting Slings

Code No.	Approx. Width Inch	90° Vertical			2 Sling or Basket Hitch		
		Vertical	Choker Hitch	Choker Hitch	60°	45°	30°
2500	4	25,000	20,000	20,000	43,300	35,350	25,000
3000	4	30,000	24,000	24,000	51,900	42,400	30,000
4000	5	40,000	32,000	32,000	69,200	56,560	40,000
5000	5	50,000	40,000	40,000	86,500	70,700	50,000
6000	6	60,000	48,000	48,000	103,800	84,840	60,000
7000	6	70,000	56,000	56,000	121,200	98,980	70,000
8500	6	85,000	68,000	68,000	147,100	120,190	85,000
10000	8	100,000	80,000	80,000	173,100	141,400	100,000
12500	8	125,000	---	---	216,300	176,750	125,000
15000	10	150,000	---	---	252,600	212,100	150,000
25000	11	250,000	---	---	432,700	353,500	250,000
30000	12	300,000	---	---	519,200	424,200	300,000
40000	15	400,000	---	---	692,300	565,600	400,000
50000	16	500,000	---	---	865,400	707,000	500,000
60000	18	600,000	---	---	1,039,000	848,000	600,000

Capacities as per CI 1905 & WSTDA DF 5:1

UNI WEB® Nylon and Polyester Web Slings

Width Inch	90° Vertical	Choker Hitch	90° Basket	TypeEN endless			Remove for broken or worn stitching and missing WLL tags. Do not use web slings above 90°C/194°F. Do not expose to chemicals		
				Width Inch	90° Vertical	Choker Hitch		90° Basket	
1	1-ply	1,600	1,280	3,200	1	1-ply	3,200	2,560	6,400
2	1-ply	3,100	2,480	6,200	2	1-ply	6,200	4,960	12,400
3	1-ply	4,700	3,760	9,400	3	1-ply	9,400	7,520	18,800
4	1-ply	6,200	4,960	12,400	4	1-ply	12,400	9,920	24,800
6	1-ply	9,300	7,440	18,600	6	1-ply	18,600	14,880	37,200
1	2-ply	3,100	2,480	6,200	1	2-ply	6,200	4,960	12,400
2	2-ply	6,200	4,960	12,400	2	2-ply	12,400	9,920	24,800
3	2-ply	8,800	7,000	17,600	3	2-ply	17,600	14,000	35,200
4	2-ply	11,000	8,800	22,000	4	2-ply	22,000	17,600	44,000
6	2-ply	16,500	13,200	33,000	6	2-ply	33,000	26,400	66,000

Use proper wear pads to prevent the sling from being cut by edges and corners. Slings are available up to 12" width and 4-ply. Capacities as per WSTDA DF 5:1

UNI-LOC® Wire Rope Slings

Inch	90° Vertical	Choker	Basket	2 slings or 2-Leg Bridle			Remove sling if you detect:
				60°	45°	30°	
1/4"	1,300	960	2,600	2,200	1,820	1,300	Crushing
3/8"	2,800	2,200	5,600	5,000	4,000	2,800	Flat spots
1/2"	5,000	3,800	10,000	8,800	7,200	5,000	Deformations and abrasion
5/8"	7,800	5,800	15,600	13,600	11,000	7,800	Wire breaks
3/4"	11,200	8,200	22,400	19,400	15,800	11,200	Inspect the eye for wear and wire breaks. Inspect the sleeve for wear and cracks.
7/8"	15,200	11,200	30,400	26,000	22,000	15,200	Inspect for kinks as they will reduce the sling capacity.
1"	19,900	14,400	39,200	34,000	28,000	19,900	
1-1/8"	24,000	18,200	48,000	42,000	34,000	24,000	
1-1/4"	30,000	22,000	60,000	52,000	42,000	30,000	
1-3/8"	36,000	26,000	72,000	62,000	50,000	36,000	
1-1/2"	42,000	32,000	84,000	74,000	60,000	42,000	
1-3/4"	56,000	42,000	112,000	98,000	80,000	56,000	
2"	74,000	56,000	148,000	126,000	104,000	74,000	

Capacities as per WRTB DF 5:1