SLINGS UNLIMITED RIGGING SUPPLIES

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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.

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/wire-rope-sling-capacity-chart/