

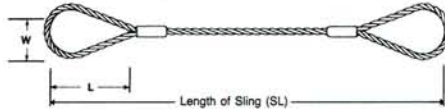


Trinity Sling

2201 E. Loop 820 N. • Fort Worth, TX
877.589.2404 • www.trinitysling.com



Single-Rope Slings



Rated Capacities in Tons (2000 LB)

EIPS -IWRC				
Diam. of Rope In.	Min Length (SL) Sling	Single Leg Vertical	Choker Hitch	Basket
1/4	1-6	.65	.48	1.3
5/16	1-6	1.0	.74	2.0
3/8	2	1.4	1.1	2.9
7/16	2	1.9	1.4	3.9
1/2	2-6	2.5	1.9	5.1
9/16	3	3.2	2.4	6.4
5/8	3	3.9	2.9	7.8
3/4	3-6	5.6	4.1	11
7/8	4	7.6	5.6	15
1	4-6	9.8	7.2	20
1 1/8	5	12	9.1	24
1 1/4	5-6	15	11	30
1 3/8	6	18	13	36
1 1/2	7	21	16	42
1 3/4	8	28	21	57
2	9	37	28	73
2 1/4	10	44	35	89
2 1/2	11	54	42	109
2 3/4	12	65	51	130
3	13	77	60	153
3 1/2	16-6	102	79	203

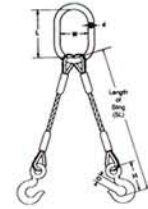
Rated capacities of basket hitches are based on a minimum diameter of curvature at the point of load contact of 25 times the rope diameter for slings 1/4".
Rated capacities based on design factor of 5.
Horizontal sling angles less than 30 degrees shall not be used.

Reference: Wire Rope Technical Board

Chain Slings Working Load Limits*

Size of Chain		Single Chain Lbs at 90°	Double Chain Slings/Lbs Type D			Triple and Quad Chain Slings/Lbs. Type T and Type Q		
Ins.	mm							
9/32	7	3,500	6,050	4,950	3,500	9,100	7,400	5,250
3/8	10	7,100	12,300	10,000	7,100	18,500	15,000	10,600
1/2	13	12,000	20,800	17,000	12,000	31,200	25,000	18,000
5/8	16	18,100	31,300	25,600	18,100	47,000	38,400	27,200
3/4	20	28,300	49,000	40,000	28,300	73,500	60,000	42,500
7/8	22	34,300	59,400	48,500	34,300	89,100	72,800	51,500

Two Leg Bridle Slings



Rated Capacities in Tons (2000 lb) EIPS-IWRC

Rated Capacities When Used

Diam. of Rope In.	Vertical	30 Degree	45 Degree	60 Degree
1/4	1.3	0.65	0.91	1.1
5/16	2.0	1.0	1.4	1.7
3/8	2.9	1.4	2.0	2.5
7/16	3.9	1.9	2.7	3.4
1/2	5.1	2.5	3.6	4.4
9/16	6.4	3.2	4.5	5.5
5/8	7.8	3.9	5.5	6.8
3/4	11	5.6	7.9	9.7
7/8	15	7.6	11	13
1	20	9.8	14	17
1 1/8	24	12	17	21
1 1/4	30	15	21	26
1 3/8	36	18	25	31
1 1/2	42	21	30	37
1 3/4	57	28	40	49
2	73	37	52	63
2 1/4	89	44	63	77
2 1/2	109	54	77	94
2 3/4	130	65	92	113
3	153	77	108	132
3 1/2	203	102	144	176

Four Leg Bridle Slings



Rated Capacities in Tons (2000 lb) EIPS-IWRC

Rated Capacities When Used

Diam. of Rope In.	Vertical	30 Degree	45 Degree	60 Degree
1/4	2.6	1.3	1.8	2.2
5/16	4.0	2.0	2.8	3.5
3/8	5.7	2.9	4.1	5.0
7/16	7.8	3.9	5.5	6.7
1/2	10	5.1	7.1	8.8
9/16	13	6.4	9.0	11
5/8	16	7.8	11	14
3/4	22	11	16	19
7/8	30	15	21	26
1	39	20	28	34
1 1/8	48	24	34	42
1 1/4	59	30	42	51
1 3/8	71	36	50	62
1 1/2	84	42	60	73
1 3/4	113	57	80	98
2	147	73	104	127
2 1/4	178	89	126	154
2 1/2	217	109	154	188
2 3/4	260	130	184	225
3	306	153	216	265
3 1/2	406	203	287	352