

How to Identify and Order Wire Rope Slings from Wisconsin Lifting Specialists Inc.

WLS-WR-115-EE-.37-SO-10-DO

(1) (2) (3) (4) (5) (6) (7) (8)

- (1) Identifies Wisconsin Lifting Specialists Inc. as Manufacturer
- (2) Identifies Department Classification, wire rope, chain, etc.
- (3) First number identifies single or braided, second number equals number of legs and third number determines (5) mechanical spliced or (0) hand spliced

115 – means single part body, single leg mechanically spliced

610 – means 6-part braided body, single leg hand spliced

125 – means single part body, double leg mechanically spliced

145 – means single part body, quad leg mechanically spliced

- (4) Identifies end terminations:

E – means standard Flemish eye one end



T – means thimble eye one end



TH – means thimble & hook one end



F – means ferrule stop (button) one end



STUD – means threaded stud one end only



OSS – means open swage socket one end only



CSS – means closed swage socket one end only



End fittings each end (variations can be mixed pending on application.

EE – means standard flemish eye each end










TT – means thimble eye each end



TE – means thimble eye one end and Flemish eye other end



TH -TH - means thimble & hook each end 
OSS -OSS - means open swage socket each end 
CSS - CSS - means closed swage socket each end 
EDT - means eye to thimble with sliding choker 
TDT - means thimble to thimble with sliding choker hook 
FF - means ferrule (button) stop each end 
STUD - STUD - means threaded stud each end 

Single & multi leg slings with oblong or pear links

1st Letter - Oblong Master Link (O) or Pear Link (P)

2nd Letter - Thimble or Eye connecting to links

3rd & 4th Letter - fittings on another end of sling opposite of master

OTE - means oblong & thimble one end and Flemish eye other end



OTT - means oblong & thimble one end and thimble eye other end



OTTH - means oblong & thimble one end and thimble hook other end



(5) .50 is the diameter of rope - all diameters in decimals

(6) - is the length

(7) - D0 - means domestic wire rope

IM - means import wire rope

AC - means aircraft cable

If material to be Stainless Steel - follow the rope type with SS

WARNING: Do Not Exceed Rated Load.



FLEMISH EYE MECHANICAL SPLICED SLINGS

Rated Capacity In Lbs.	Single Leg Sling Ratings			2 Leg Bridle Sling Ratings		
	Vertical 90°	Choker	Basket 90°	60° From Horizontal	45° From Horizontal	30° From Horizontal
1/4"	0.65	0.48	1.3	1.1	0.91	0.65
3/8"	1.4	1.1	2.9	2.5	2	1.4
1/2"	2.5	1.9	5.1	4.4	3.6	2.5
5/8"	3.9	2.9	7.8	6.8	5.5	3.9
3/4"	5.6	4.1	11	9.7	7.9	5.6
7/8"	7.6	5.6	15	13	11	7.6
1"	7.2	7.2	20	17	14	9.8
1 1/8"	12	9.1	24	21	17	12
1 1/4"	15	11	30	26	21	15
1 3/8"	18	13	36	31	25	18
1 1/2"	21	16	42	37	30	21
1 5/8"	24	18	49	42	35	24
1 3/4"	28	21	57	49	40	28
2"	37	28	73	63	37	37
	3 Leg Bridle Sling Ratings			4 Leg Bridle Sling Ratings		

Rated Capacity In Lbs.	60° From Horizontal	45° From Horizontal	30° From Horizontal	60° From Horizontal	45° From Horizontal	30° From Horizontal
1/4"	1.7	1.37	0.97	2.2	1.83	1.29
3/8"	3.7	3	2.2	5	4.1	2.9
1/2"	6.6	5.4	3.8	8.8	7.1	5.1
5/8"	10.2	8.3	4.8	14	11	7.8
3/4"	14.5	11.8	8.4	19	16	11
7/8"	20	16	11.3	26	21	15
1"	26	21	14.7	34	28	20
1 1/8"	31	26	18	42	34	24

*Rated Capacities in Tons of 2,000 lbs. Horizontal sling angles of less than 30° shall not be used.