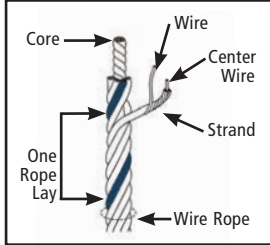




# Wire Rope Slings

## Wire Rope Construction



Single Body Wire Rope Slings feature 6 x 19 or 6 x 37 Construction, Extra Improved Plow Steel (EIPS) wire rope with an Independent Wire Rope Core (IWRC). Single Body, Flemish Eye/Mechanical Splice, Wire Rope Slings provide additional security, superior to return loop slings should the swage sleeve become damaged during use. Thimbles greatly improve sling longevity by protecting the rope at connection points.

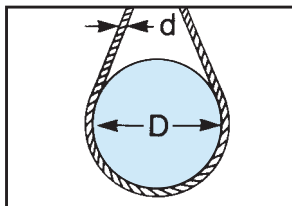
Stainless Steel Slings, Fiber Core Slings with reduced Work Load Limits, Cable Laid Slings with galvanized finish and larger diameter slings are also available.

**⚠ WARNING** See Pages 131-140 for Important Safety, Use and Inspection Information.

## SINGLE BODY SLING TYPES

Type 1- Eye & Eye	Type 8- Thimble & Thimble	Type 14 Eye & Thimble With Sliding Choker Hook
Type 2- Eye & Hook	Type 9- Thimble & Hook	
Type 3- Eye & Thimble	Type 10- Thimble & Slip-Thru Thimble	Type 15 Eye & Eye With Sliding Choker Hook
Type 4- Eye & Slip-Thru Thimble	Type 11- Thimble & Crescent Thimble	
Type 5- Eye & Crescent Thimble	Type 12- Slip-Thru Thimble & Hook	
Type 6- Crescent Thimble & Hook	Type 13- Slip-Thru Thimble - Both Ends	
Type 7- Crescent Thimbles Both Ends	Please Note: Heavy duty, galvanized thimbles are standard. Eye Hooks and Sliding Choker Hooks will be supplied with latches.	

## (D/d) Considerations



When wire rope is bent around a load, or diameter, the rope strength is decreased. The D/d ratio is diameter of the object around which the rope is bent (D), divided by the diameter (d) of the rope. D/d affects slings used in basket hitches and must be taken into consideration. When the diameter of the load is 4 times the diameter of the wire rope sling the D/d ratio is 4/1 and the sling efficiency is 75% of the Basket WLL.

D/d RATIO	Wire Rope Sling Strength Efficiencies
25/1	100%
20/1	92%
15/1	88%
10/1	86%
8/1	84%
6/1	80%
4/1	75%
2/1	65%
1/1	50%

## SINGLE BODY WIRE ROPE SPECIFICATIONS

ROPE DIA. (In.)	WORK LOAD LIMITS (TONS) D/d = 25/1 TON = 2000 LBS.			MIN. SLING LENGTH (TYPE I)	STANDARD EYE SIZE (Inches) W X L	THIMBLED EYE SIZE (Inches) W X L	EYE HOOK WLL (TONS)	CRESCENT THIMBLE EYE SIZE (Inches) W X L	SLIP-THRU THIMBLE EYE SIZE (Inches) W X L	SLIDING CHOKER HOOK (Inches)
	CHOKER	VERTICAL	90° BASKET							
1/4	.48	.65	1.3	18"	2 X 4	7/8 X 1-5/8	1	2 X 4	2-1/8 X 4-1/8	3/8
5/16	.74	1.0	2.0	21"	2-1/2 X 5	1-1/16 X 1-7/8	1	2 X 4	2-1/8 X 4-1/8	3/8
3/8	1.1	1.4	2.9	24"	3 X 6	1-1/8 X 2-1/8	1-1/2	2 X 4	2-1/8 X 4-1/8	3/8
7/16	1.4	1.9	3.9	27"	3-1/2 X 7	1-1/4 X 2-1/4	2	2 X 5	2-3/8 X 4-3/8	1/2
1/2	1.9	2.5	5.1	30"	4 X 8	1-1/2 X 2-1/4	3	2-1/4 X 6	2-3/8 X 4-3/8	1/2
9/16	2.4	3.2	6.4	33"	4-1/2 X 9	1-1/2 X 2-3/4	5	2-1/4 X 7	2-3/8 X 4-3/8	5/8
5/8	2.9	3.9	7.8	3ft	5 X 10	1-3/4 X 3-1/4	5	2-3/4 X 7	3-3/8 X 6-5/8	5/8
3/4	4.1	5.6	11	3ft-6in	6 X 12	2 X 3-3/4	7	3-1/4 X 8-1/2	3-3/8 X 6-5/8	3/4
7/8	5.6	7.6	15	4ft	7 X 14	2-1/4 X 4-1/4	11	4-1/2 X 10	3-3/4 X 7-1/8	7/8
1	7.2	9.8	20	4ft-6in	8 X 16	2-1/2 X 4-1/2	11	4-1/2 X 11-1/2	3-3/4 X 7-1/8	1
1-1/8	9.1	12	24	5ft	9 X 18	2-7/8 X 5-1/8	15	4-7/8 X 13	4-3/8 X 8-3/8	1-1/8
1-1/4	11	15	30	5ft-6in	10 X 20	3-1/2 X 6-1/2	15	5-1/2 X 14-1/2	4-3/8 X 8-3/8	1-1/4
1-3/8	13	18	36	6ft	11 X 22	3-1/2 X 6-1/4	22	6 X 16	5 X 9-1/2	1-3/8
1-1/2	16	21	42	7ft	12 X 24	3-1/2 X 6-1/4	22	6 X 17-1/2	5 X 9-1/2	1-1/2
1-3/4	21	28	57	8ft	14 X 28	4-1/2 X 9	37	7 X 20	6-3/4 X 11-3/4	-
2	28	37	73	9ft	16 X 32	6 X 12	45	7 X 23-1/2	8 X 14-1/2	-
2-1/4	35	44	89	10ft	18 X 36	7 X 14	45	8-1/2 X 26	8 X 15-1/2	-
2-1/2	42	54	109	11ft	20 X 40	-	60	8-1/2 X 29-1/2	-	-