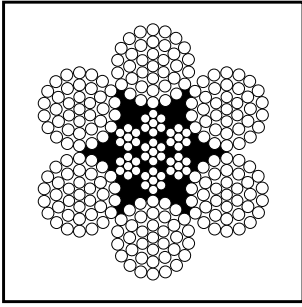


**The Leading Manufacture of
High Quality Wire Rope & Accessory**

Wire Rope Sling with Eyes, Type SSE, TTE
Wire Rope Sling Endless, Type ESE
in accordance with ANSI standard



LIFTALL[®] Quality for Life



For Crane, Hoist and
General Engineering Purposes
Construction :
6 Strands
37 Wires per Strad
Independent Wire Rope Core

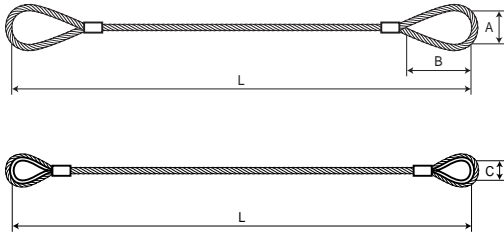
6x37 IWRC

For Heavy Lifting, Oil Drilling,
Crane & Hoist, Mine Service
and General Engineering Purposes

Rope Ø Diameter		Approx. Weight kg/100m.	Minimum Breaking Strength in Tonnes			
mm.	inch		HG 150Kg/mm ²	DG & A 165Kg/mm ²	EG & B 180Kg/mm ²	C 195Kg/mm ²
8	5/16"	26.00	3.54	3.86	4.16	4.49
9	3/8"	33.00	4.47	4.87	5.26	5.68
10	3/8"	39.80	5.53	6.02	6.50	7.02
11	7/16"	50.00	6.93	7.55	8.15	8.80
12	1/2"	57.50	7.97	8.68	9.37	10.12
13	1/2"	68.70	9.27	10.10	10.90	11.77
14	9/16"	78.90	10.88	11.86	12.80	13.82
16	5/8"	102.00	14.11	15.38	16.60	17.93
18	11/16"	130.00	17.86	19.46	21.00	22.68
19	3/4"	145.50	20.15	21.96	23.70	25.60
20	3/4"	160.00	22.11	24.10	26.00	28.08
22	7/8"	200.00	27.72	30.21	32.60	35.21
24	15/16"	230.00	30.61	33.36	36.00	38.88
25	1"	250.00	34.44	37.53	40.50	43.74
28	1-1/8"	315.00	43.36	47.27	51.00	55.08
30	1-3/16"	358.00	49.74	54.22	58.50	63.18
32	1-1/4"	400.00	56.63	61.72	66.60	71.93
35	1-3/8"	490.00	67.77	73.86	79.70	86.08
36	1-3/8"	520.00	69.72	76.00	82.00	88.56
38	1-1/2"	580.00	79.92	87.12	94.00	101.52
40	1-19/32"	640.00	88.43	96.39	104.00	112.32
44	1-3/4"	775.00	106.28	115.85	125.00	135.00
48	1-7/8"	920.00	127.54	139.02	150.00	162.00
50	2"	1,000.00	144.54	157.55	170.00	183.60

WIRE ROPE SLING WITH EYES, SAFETY FACTOR 5:1

Wire rope slings with wire rope metallic core, Compressed clamp type SSE with soft eyes both ends and type TTE with thimbles both ends



Wire Rope Sling WLL Table

Steel Wire Rope 6x37 IWRC Grade 1770 N/mm² (T/S 180 kgf/mm²)

Rope Ø Diameter		Approx. Weight kg/100m.	Minimum Breaking Load Tonnes	Eyes (B) cm.	W.L.L.	Safe Working Load (S.W.L.)						
					Straight lift	Choker lift	2 Legged Basket lift	2 Legged 0-30°	2 Legged 45-60°	3&4 Legged 0-30°	3&4 Legged 45-60°	
mm.	inch											
8	5/16"	26.00	4.16	15	0.83	0.58	1.66	1.16	0.83	1.76	1.25	
9	3/8"	33.00	5.26	15	1.05	0.74	2.10	1.47	1.05	2.23	1.58	
10	3/8"	39.80	6.50	18	1.30	0.91	2.60	1.82	1.30	2.76	1.95	
11	7/16"	50.00	8.15	18	1.63	1.14	3.26	2.28	1.63	3.46	2.45	
12	1/2"	57.50	9.37	20	1.87	1.31	3.75	2.62	1.87	3.97	2.81	
13	1/2"	68.70	10.90	20	2.18	1.53	4.36	3.05	2.18	4.62	3.27	
14	9/16"	78.90	12.80	25	2.56	1.79	5.12	3.58	2.56	5.43	3.84	
16	5/8"	102.00	16.60	30	3.32	2.32	6.64	4.65	3.32	7.04	4.98	
18	11/16"	130.00	21.00	30	4.20	2.94	8.40	5.88	4.20	8.90	6.30	
19	3/4"	145.50	23.70	30	4.74	3.32	9.48	6.64	4.74	10.05	7.11	
20	3/4"	160.00	26.00	30	5.20	3.64	10.40	7.28	5.20	11.02	7.80	
22	7/8"	200.00	32.60	35	6.52	4.56	13.04	9.13	6.52	13.82	9.78	
24	15/16"	230.00	36.00	35	7.20	5.04	14.40	10.08	7.20	15.26	10.80	
25	1"	250.00	40.50	40	8.10	5.67	16.20	11.34	8.10	17.17	12.15	
28	1-1/8"	315.00	51.00	45	10.20	7.14	20.40	14.28	10.20	21.62	15.30	
30	1-3/16"	358.00	58.50	45	11.70	8.19	23.40	16.38	11.70	24.80	17.55	
32	1-1/4"	400.00	66.60	50	13.32	9.32	26.64	18.65	13.32	28.24	19.98	
35	1-3/8"	490.00	79.70	55	15.94	11.16	31.88	22.32	15.94	33.79	23.91	
36	1-3/8"	520.00	82.00	55	16.40	11.48	32.80	22.96	16.40	34.77	24.60	
38	1-1/2"	580.00	94.00	60	18.80	13.16	37.60	26.32	18.80	39.86	28.20	
40	1-19/32"	640.00	104.00	60	20.80	14.56	41.60	29.12	20.80	44.10	31.20	
44	1-3/4"	775.00	125.00	70	25.00	17.50	50.00	35.00	25.00	53.00	37.50	
48	1-7/8"	920.00	150.00	75	30.00	21.00	60.00	42.00	30.00	63.60	45.00	
50	2"	1,000.00	170.00	80	34.00	23.80	68.00	47.60	34.00	72.08	51.00	

**Safety factor 5:1

The minimum length (L) of the sling is 50 times the wire rope diameter for type SSE and 33 times for type TTE

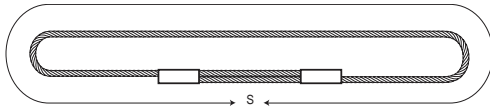
On request the slings can be supplied with cylindrical conical aluminium alloy ferrule.

Wire rope galvanized or class 200 kgf/mm² available as options.

WIRE ROPE SLING ENDLESS, SAFETY FACTOR 5:1



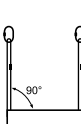


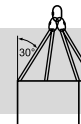
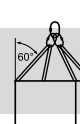
Wire rope slings with wire rope metallic core, Compressed clamp type ESE execution with aluminium clamps - mechanical splice construction single part wire rope

type ESE



Wire Rope Sling WLL Table

Steel Wire Rope 6x37 IWRC Grade 1770 N/mm² (T/S 180 kgf/mm²)

Rope Ø Diameter		Approx. Weight kg/100m.	Minimum Breaking Load Tonnes	W.L.L.	Safe Working Load (S.W.L.)					
										
mm.	inch			Straight lift	Choker lift	2 Legged Basket lift	2 Legged 0-30°	2 Legged 45-60°	3&4 Legged 0-30°	3&4 Legged 45-60°
8	5/16"	26.00	7.48	1.50	1.05	2.99	2.09	1.50	3.17	2.24
9	3/8"	33.00	9.46	1.89	1.32	3.78	2.65	1.89	4.01	2.84
10	3/8"	39.80	11.7	2.34	1.64	4.68	3.28	2.34	4.96	3.51
11	7/16"	50.00	14.67	2.93	2.05	5.87	4.11	2.93	6.22	4.40
12	1/2"	57.50	16.86	3.37	2.36	6.74	4.72	3.37	7.15	5.06
13	1/2"	68.70	19.62	3.92	2.75	7.85	5.49	3.92	8.32	5.89
14	9/16"	78.90	23.04	4.61	3.23	9.22	6.45	4.61	9.77	6.91
16	5/8"	102.00	29.88	5.98	4.18	11.95	8.37	5.98	12.67	8.96
18	11/16"	130.00	37.80	7.56	5.29	15.12	10.58	7.56	16.03	11.34
19	3/4"	145.50	42.66	8.53	5.97	17.06	11.94	8.53	18.09	12.80
20	3/4"	160.00	46.80	9.36	6.55	18.72	13.10	9.36	19.84	14.04
22	7/8"	200.00	58.68	11.74	8.22	23.47	16.43	11.74	24.88	17.60
24	15/16"	230.00	64.80	12.96	9.07	25.92	18.14	12.96	27.48	19.44
25	1"	250.00	72.90	14.58	10.21	29.16	20.41	14.58	30.91	21.87
28	1-1/8"	315.00	91.80	18.36	12.85	36.72	25.70	18.36	38.92	27.54
30	1-3/16"	358.00	105.30	21.06	14.74	42.12	29.48	21.06	44.65	31.59
32	1-1/4"	400.00	119.88	23.98	16.78	47.95	33.57	23.98	50.83	35.96
35	1-3/8"	490.00	143.46	28.69	20.08	57.38	40.17	28.69	60.83	43.04
36	1-3/8"	520.00	147.60	29.52	20.66	59.04	41.33	29.52	62.58	44.28
38	1-1/2"	580.00	169.20	33.84	23.69	67.68	47.38	33.84	71.74	50.76
40	1-19/32"	640.00	187.20	37.44	26.21	74.88	52.42	37.44	79.37	56.16
44	1-3/4"	775.00	225.00	45.00	31.50	90.00	63.00	45.00	95.40	67.50
48	1-7/8"	920.00	270.00	54.00	37.80	108.00	75.60	54.00	114.48	81.00
50	2"	1,000.00	306.00	61.20	42.84	122.40	85.68	61.20	129.74	91.80

**Safety factor 5:1

The minimum circumference (S) of the sling is 50 times the wire rope diameter.

The bend radius must be not less of 4 times the wire rope diameter.

Execution conforming to DIN 3088 type ESE

The zone between the clamps mustn't be bent under lifting force.

Wire rope galvanized or in class 200 kgf/mm² available as option.

Type of Wire rope Standard Combination



"ESE" Endless Sling



"SHE" Eye & Hook



"SSE" Eye & Eye



"THE" Thimble & Hook



"TTE" Thimble & Thimble



"MME" Master link & Mater link



"STE" Eye & Thimble



"HHE" Hook & Hook



Single Leg Sling



2-Leg Slings



3-Leg Slings



4-Leg Slings



2-Leg Endless



4-Leg Endless



Choke Lift



2-Leg Choke Lift



HIGH-PERFORMANCE WIRE ROPE

BY



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