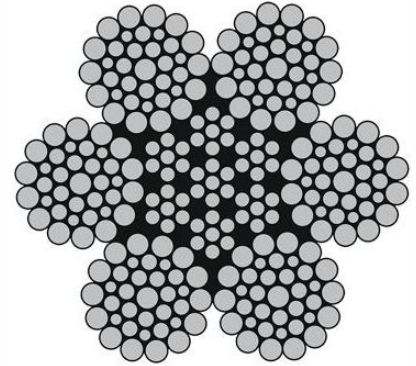


STEEL WIRE ROPE

Construction: 6 x 36 class wire rope

6x36 is a flexible general engineering wire rope readily available in galvanised and un-galvanised. The wire rope has an equal lay construction and achieves a superior breaking load to the 6x19 construction range. The construction has been designed to give a flexible rope with a good fatigue life. A 6x36 wire rope is available with either FC (fibre core) or IWRC (independent wire rope core) and is used for a wide range of applications, examples of which are shown below:



6x37 Class Rope

Nominal Dia.		Minimum Breaking Load (Metric Ton)					Approx Weight	
mm	inch	180 Kg/mm		200 Kg/mm		220 Kg/mm		
		1770 N/mm		1960 N/mm		2160 N/mm	Kg/m	
		FC	IWRC	FC	IWRC	IWRC	FC	IWRC
11.2	7/16	8.9	9.9	9.3	10.7		0.53	0.58
12		10.2	11.4	10.7	12.3		0.60	0.66
12.7	1/2	11.4	12.7	12.0	13.8		0.68	0.74
13		12.0	13.4	12.5	14.4		0.71	0.77
14		13.9	15.5	14.6	16.7	17.5	0.82	0.90
14.3	9/16	14.5	16.2	15.2	17.4	18.2	0.86	0.94
15		16.0	17.8	16.7	19.2	20.1	0.94	1.03
16	5/8	18.2	20.2	19.0	21.8	22.8	1.07	1.17
17.5	11/16	21.7	24.2	22.7	26.1	27.3	1.28	1.40
18		23.0	25.6	24.1	27.6	28.9	1.36	1.49
19	3/4	25.6	28.5	26.8	30.8	32.2	1.51	1.65
20	13/16	28.4	31.6	29.7	34.1	35.7	1.67	1.83
21		31.3	34.8	32.7	37.6	39.3	1.85	2.02
22	7/8	34.3	38.2	35.9	41.3	43.1	2.03	2.22
22.2	15/16	35.0	39.0	36.7	42.1	44.0	2.07	2.26
24		40.9	45.5	42.8	49.1	51.3	2.41	2.64
25		44.3	49.4	46.4	53.3	55.7	2.62	2.86
25.4	1	45.8	51.0	47.9	55.0	57.5	2.70	2.96
26		48.0	53.4	50.2	57.7	60.3	2.83	3.10
28		55.6	61.9	58.2	66.9	69.9	3.28	3.59
28.6	1-1/8	58.0	64.6	60.7	69.8	72.9	3.42	3.75
30	1-3/16	63.9	71.1	66.8	76.8	80.2	3.77	4.13
31.5	1-1/4	70.4	78.4	73.7	84.6	88.4	4.15	4.55
32		72.7	80.9	76.0	87.3	91.3	4.29	4.69
34		82.0	91.3	85.8	98.6	103.0	4.84	5.30
35	1-3/8	86.9	96.8	90.9	104.5	109.2	5.13	5.62
36		92.0	102.4	96.2	110.5	115.5	5.42	5.94
38		102.5	114.1	107.2	123.2	128.7	6.04	6.62
38.1	1-1/2	103.0	114.7	107.8	123.8	129.4	6.08	6.65
40		113.5	126.4	118.8	136.5		6.70	7.33
42		125.2	139.4	131.0	150.5		7.38	8.09
44		137.4	152.9	143.7	165.1		8.10	8.87
44.5	1-3/4	140.2	156.1	146.7	168.5		8.27	9.06
46		150.1	167.2	157.1	180.5		8.86	9.70
48		163.5	182.0				9.64	10.56
50		177.4	197.5				10.46	11.46
50.8	2	183.1	203.9				10.80	11.83
52		191.8	213.6				11.32	12.93

Applications

- Holding and closing ropes for grab cranes
- General engineering applications
- Wire rope slings
- Crane ropes
- Winch ropes
- Hoist rope
- Wire rope rigging applications
- Lifeboat falls
- Mooring ropes
- Luffing ropes
- Tow ropes

Available brands: DSR – South Korea, Brunton wolf – UAE, Bharat wire rope – India