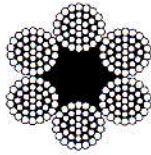




# WIRE ROPE FOR ENGINEERING PURPOSES

## FOR MARINE & ENGINEERING PURPOSES

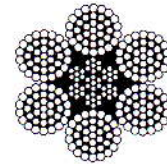


**6X37 (18/12/6/1)  
FIBER CORE**

Nominal diameter (mm)	Minimum Breaking Load (ton)			Approx. mass (kg/m)
	Ordinary Lay			
	Galv.	Bright or Galv.	Bright	
	Grade G 150 kg/mm <sup>2</sup>	Grade A 165 kg/mm <sup>2</sup>	Grade B 180 kg/mm <sup>2</sup>	
9.0	4.08	4.39	4.68	0.291
10.0	5.03	5.42	5.78	0.359
11.2	6.31	6.79	7.24	0.451
12.0	7.26	7.81	8.32	0.517
12.5	7.86	8.46	9.02	0.561
14.0	9.86	10.60	11.30	0.704
16.0	12.90	13.90	14.80	0.920
18.0	16.30	17.50	18.70	1.160
20.0	20.10	21.70	23.10	1.440
22.0	24.39	26.22	28.02	1.740
22.4	25.30	27.20	29.00	1.800
24.0	28.98	31.22	33.37	2.070
25.0	31.50	33.80	36.10	2.250
26.0	34.08	36.63	39.17	2.430
28.0	39.50	42.50	45.30	2.820
30.0	45.30	48.70	52.00	3.230
31.5	49.90	53.70	57.30	3.570
32.0	51.53	55.51	59.17	3.680
33.5	56.50	60.80	64.80	4.030
35.5	63.40	68.30	72.80	4.530
36.0	65.31	70.20	74.90	4.660
37.5	70.80	76.20	81.20	5.050
40.0	80.50	86.70	92.40	5.750
42.5	90.90	97.80	104.00	6.490
44.0	97.56	105.12	118.80	6.960

Ref. :  
Katalog Wonosari  
JIS G 3525 (1988)  
JIS G 3525 (1998)

## FOR CRANE, HOIST & GENERAL ENGINEERING PURPOSES



**6X37 (18/12/6/1)  
STEEL CORE**

Nominal diameter (mm)	Minimum Breaking Load (ton)			Approx. mass (kg/m)
	Ordinary Lay			
	Galv.	Bright or Galv.	Bright	
	Grade G 150 kg/mm <sup>2</sup>	Grade A 165 kg/mm <sup>2</sup>	Grade B 180 kg/mm <sup>2</sup>	
9.0	4.55	5.00	5.26	0.323
9.5	4.95	5.46	5.87	0.358
10.0	5.50	6.05	6.50	0.398
11.2	6.90	7.58	8.15	0.500
12.0	7.94	8.72	9.37	0.573
12.5	8.60	9.45	10.10	0.622
14.0	10.80	11.85	12.75	0.781
16.0	14.10	15.45	16.60	1.020
18.0	17.80	19.50	21.00	1.290
19.0	20.00	22.00	23.70	1.450
20.0	22.00	24.20	26.00	1.600
22.4	27.60	30.40	32.60	2.000
24.0	30.40	33.40	35.90	2.300
25.0	34.30	37.70	40.50	2.500
26.0	37.30	41.00	44.00	2.680
28.0	43.20	47.50	51.00	3.130
30.0	49.50	54.50	58.50	3.580
31.5	54.60	60.00	64.50	3.870
33.5	62.00	68.00	73.00	4.470
35.5	69.50	76.30	82.00	5.020
37.5	77.40	85.00	91.50	5.600
40.0	87.80	96.50	104.00	6.400
42.5	99.00	109.00	117.00	7.200
44.0	106.20	116.80	125.40	7.720

Ref. :  
Katalog Wonosari