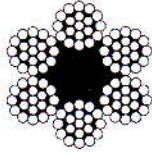


# WIRE ROPE FOR ENGINEERING PURPOSES

## FOR MARINE & ENGINEERING PURPOSES

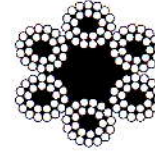


**6X19 (12/6/1)  
 FIBER CORE**

Nominal diameter (mm)	Minimum Breaking Load (ton)			Approx. mass (kg/m)
	Ordinary Lay		Ordinary or Lang's Lay	
	Galv.	Bright or Galv.		
	Grade G 150 kg/mm <sup>2</sup>	Grade A 165 kg/mm <sup>2</sup>	Bright 180 kg/mm <sup>2</sup>	
6.0	1.85	1.98	2.13	0.131
6.3	2.03	2.19	2.33	0.144
8.0	3.28	3.53	3.76	0.233
9.0	4.15	4.46	4.76	0.295
10.0	5.12	5.51	5.88	0.364
11.2	6.42	6.91	7.37	0.457
12.0	7.38	7.94	8.46	0.524
12.5	8.00	8.61	9.18	0.569
14.0	10.00	10.80	11.50	0.713
16.0	13.10	14.10	15.00	0.932
18.0	16.60	17.80	19.00	1.180
20.0	20.50	22.00	23.50	1.460
22.0	24.80	26.63	28.50	1.760
22.4	25.70	27.60	29.75	1.830
24.0	29.49	31.73	34.60	2.100
25.0	32.00	34.40	37.05	2.280
26.0	34.59	37.24	40.60	2.460
28.0	40.10	43.27	46.45	2.850
30.0	46.10	49.50	53.35	3.280
31.5	50.30	54.60	58.80	3.610
32.0	51.90	56.30	61.40	3.730

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

## FOR MARINE & ENGINEERING PURPOSES



**6 X 24 (15/9/FIBER)  
 FIBER CORE**

Nominal diameter (mm)	Min. Breaking Load (ton)		Approx. mass (kg/m)
	Ordinary Lay		
	Galv.	Bright or Galv.	
	Grade G 150 kg/mm <sup>2</sup>	Grade A 165 kg/mm <sup>2</sup>	
9.0	3.78	4.07	0.269
10.0	4.67	5.03	0.332
11.2	5.86	6.31	0.416
12.0	6.72	7.24	0.478
12.5	7.30	7.85	0.519
14.0	9.15	9.85	0.651
16.0	12.00	12.90	0.830
18.0	15.10	16.30	1.080
20.0	18.70	20.10	1.330
22.0	22.65	24.39	1.610
22.4	23.40	25.20	1.670
24.0	26.94	28.98	1.910
25.0	29.20	31.40	2.080
26.0	31.53	33.98	2.240
28.0	36.60	39.40	2.600
30.0	42.00	45.20	2.990
31.5	46.30	49.90	3.290
32.0	47.86	51.53	3.400
36.0	60.53	65.23	4.300
38.0	67.50	72.64	4.800
40.0	74.20	80.20	5.310

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