

	6×37 (JIS G 3525, Wire Ropes)	
	構成	6 × (1 + 6 + 12 + 18)
	より方	普通ZまたはS
	用途	船舶用、クレーン用 機械用、その他一般

公称径 Nominal diameter of rope	最外層素線径 Diameter of outer wire	標準断面積 Calculated sectional area	破断荷重 Breaking load				(参考) 単位質量 Approx. weight (kg/m)
			めっき Galvanized		裸 Bright		
			G種 Grade G		A種 Grade A		
(mm)	(mm)	(mm ²)	(kN)	(tf)	(kN)	(tf)	(kg/m)
6	0.28	14.2	17.8	1.82	19.1	1.94	0.129
8	0.38	25.3	31.6	3.22	34.0	3.47	0.230
9	0.43	32.0	40.0	4.08	43.0	4.39	0.291
10	0.47	39.5	49.4	5.03	53.1	5.42	0.359
(11.2)	0.53	49.5	61.9	6.31	66.6	6.79	0.451
12	0.57	56.9	71.1	7.25	76.5	7.80	0.517
(12.5)	0.60	61.7	77.1	7.86	83.0	8.46	0.561
14	0.66	77.4	96.7	9.86	104	10.6	0.704
16	0.76	101	126	12.9	136	13.9	0.920
18	0.85	128	128	16.3	172	17.5	1.16
20	0.95	158	197	20.1	212	21.7	1.44
22	1.04	191	239	24.4	257	26.2	1.74
24	1.14	228	248	29.0	306	31.2	2.07
26	1.23	267	334	34.1	359	36.6	2.43
28	1.32	310	387	39.5	416	42.5	2.82
30	1.42	356	444	45.3	478	48.7	3.23
32	1.51	404	505	51.5	544	55.5	3.68
(33.5)	1.58	443	554	56.5	596	60.8	4.03
(34)	1.60	457	566	57.7	613	62.5	4.15
(35.5)	1.68	498	622	63.4	669	68.3	4.53
36	1.70	512	640	65.3	688	70.2	4.66
(37.5)	1.78	555	694	70.8	747	76.2	5.05
(38)	1.80	570	707	72.1	766	78.1	5.18
40	1.89	632	790	80.5	850	86.7	5.75
(42)	2.00	697	863	88.0	936	95.4	6.33
(42.5)	2.03	713	892	90.9	959	97.8	6.49
44	2.08	765	956	97.5	1,030	105	6.96
(45)	2.14	800	1,000	102	1,080	110	7.28
(46)	2.18	836	1,040	106	1,118	114	7.60
(47.5)	2.24	891	1,110	114	1,200	122	8.11
48	2.27	910	1,140	116	1,220	124	8.28
(50)	2.37	988	1,230	126	1,330	135	8.89
52	2.46	1,070	1,330	136	1,440	147	9.72
56	2.65	1,240	1,550	158	1,670	170	11.3
60	2.84	1,420	1,780	181	1,910	195	12.9
(63)	3.00	1,570	1,960	200	2,110	215	14.3
(65)	3.10	1,670	2,070	211	2,250	229	15.2
(70)	3.34	1,940	2,400	245	2,600	265	17.6
(75)	3.55	2,210	2,780	283	2,990	305	20.2
(80)	3.80	2,530	3,160	322	3,390	346	22.9
(85)	4.05	2,840	3,570	364	3,830	391	26.0
(90)	4.30	3,200	4,000	408	4,300	438	29.0
(95)	4.53	3,700	4,450	454	4,800	489	32.4
(100)	4.73	3,950	4,930	503	5,310	541	35.8

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使用安全荷重

【6×37 A種 JIS G 3525】

公称径 Nominal diameter of rope	ストレート Straight		チョーク Choker		2本吊り 60° 2 legs		4本吊り 60° 4 legs	
	(mm)	(kN)	(tf)	(kN)	(tf)	(kN)	(tf)	(kN)
6	3.18	0.324	2.38	0.243	5.40	0.550	7.95	0.810
8	5.65	0.575	4.23	0.431	9.62	0.980	14.1	1.44
9	7.15	0.730	5.36	0.547	12.1	1.24	17.9	1.82
10	8.85	0.900	6.63	0.675	15.0	1.53	22.1	2.25
(11.2)	11.1	1.13	8.32	0.847	18.8	1.92	27.7	2.82
12	12.7	1.30	9.52	0.975	21.6	2.21	31.7	3.25
(12.5)	13.8	1.40	10.3	1.05	23.4	2.38	34.5	3.50
14	17.3	1.76	12.9	1.32	29.4	2.99	43.2	4.40
16	22.6	2.31	16.9	1.73	38.4	3.92	56.5	5.77
18	28.6	2.92	21.4	2.19	48.6	4.96	71.5	7.30
20	35.3	3.60	26.4	2.70	60.0	6.12	88.2	9.00
22	42.8	4.36	32.1	3.27	72.7	7.41	107	10.9
24	51.0	5.20	38.2	3.90	86.7	8.84	127	13.0
26	59.8	6.10	44.8	4.57	101	10.3	149	15.2
28	69.0	7.05	51.7	5.28	117	12.0	173	17.6
30	79.5	8.10	59.6	6.07	135	13.8	199	20.3
32	90.6	9.20	67.9	6.90	154	15.7	226	23.1
(33.5)	99.3	10.1	74.4	7.57	168	17.1	248	25.2
(34)	102	10.4	76.5	7.80	173	17.6	255	26.0
(35.5)	111	11.3	83.2	8.47	188	19.2	277	28.2
36	114	11.6	85.5	8.70	193	19.7	285	29.0
(37.5)	124	12.6	93.0	9.45	210	21.4	310	31.5
(38)	127	12.9	95.2	9.67	215	21.9	317	32.2
40	141	14.4	105	10.8	239	24.4	352	36.0
(42)	156	15.9	117	11.9	265	27.0	390	39.7
(42.5)	159	16.2	119	12.1	270	27.5	397	40.5
44	171	17.5	128	13.1	290	29.7	427	43.7
(45)	180	18.3	135	13.7	306	31.1	450	45.7
(46)	186	18.9	139	14.1	316	32.1	465	47.2
(47.5)	200	20.3	150	15.2	340	34.5	500	50.7
48	203	20.7	152	15.5	345	35.1	507	51.7
(50)	221	22.5	165	16.8	375	38.2	552	56.2
52	240	24.4	180	18.3	408	41.4	600	61.0
56	278	28.3	208	21.2	472	48.1	695	70.7
60	318	32.4	238	24.3	540	55.0	795	81.0
(63)	351	35.7	263	26.7	596	60.6	877	89.2
(65)	375	38.2	281	28.6	637	64.9	937	95.5
(70)	433	44.1	324	33.0	736	74.9	1,082	110
(75)	498	50.7	373	38.0	846	86.1	1,245	126
(80)	565	57.6	423	43.2	960	97.9	1,412	144
(85)	638	65.0	478	48.7	1,084	110	1,595	162
(90)	716	73.0	537	54.7	1,217	124	1,790	182
(95)	800	81.5	600	61.1	1,360	138	2,000	203
(100)	885	90.2	663	67.6	1,504	153	2,212	225