



IWRC 6xP·WS(31) Construction 7x7+6xP·WS(1+6+(6+6)+12)

■ TSK grade

Rope Diameter mm	Outer wire diameter mm	Sectional area mm2	Breaking load kN		Rough caluculation unit mass kg/m
			Ordinal lay·Lang's lay		
			Bright· Galvanized	Bright	
			B grade	Special grade	
10	0.65	53.5	77.4	83.8	0.465
12	0.79	77.0	111	121	0.669
14	0.92	105	152	164	0.911
16	1.05	137	198	215	1.19
18	1.17	173	251	271	1.51
20	1.30	214	309	335	1.86
22	1.43	259	374	406	2.25
22.4	1.45	268	388	420	2.33
24	1.56	308	446	483	2.68
25	1.63	334	484	524	2.91
26	1.68	362	523	566	3.14
28	1.83	419	607	657	3.64
30	1.94	482	696	754	4.18
31.5	2.06	531	768	831	4.61
32	2.08	548	792	858	4.76
33.5	2.17	600	868	940	5.22
34	2.20	618	894	969	5.37
35.5	2.30	674	975	1060	5.86
36	2.34	693	1000	1090	6.03
37.5	2.44	752	1090	1180	6.54
38	2.48	773	1120	1210	6.71
40	2.58	856	1240	1340	7.44
42.5	2.74	966	1400	1510	8.40
44	2.86	1040	1500	1620	9.00
45	2.95	1080	1570	1700	9.41
46	3.00	1130	1640	1770	9.84
47.5	3.07	1210	1750	1890	10.5
48	3.12	1230	1780	1930	10.7
50	3.25	1340	1930	-	11.6
52	3.40	1450	2090	-	12.6
53	3.45	1500	2170	-	13.1
54	3.50	1560	2260	-	13.6
56	3.65	1680	2430	-	14.6