



## Cable laid rope IWRC6x[IWRCx6xS(19)]

Construction 7x7+6x[x7+6xS(1+9+9)]

■ TSK grade

Rope Diameter mm	Outer wire diameter mm	Sectional area mm <sup>2</sup>	Breaking load kN			Rough calculation unit mass kg/m
			Ordinal lay			
			Bright			
			A grade	B grade	Special grade	
40	1.08	636	762	817	872	5.65
42.5	1.14	717	860	922	985	6.38
44	1.19	769	922	989	1060	6.84
45	1.22	804	964	1030	1100	7.15
46	1.24	840	1010	1080	1150	7.47
47.5	1.28	896	1070	1150	1230	7.97
48	1.30	915	1100	1180	1260	8.14
50	1.35	993	1190	1280	1360	8.83
52	1.41	1070	1290	1380	1470	9.55
53	1.43	1120	1340	1430	1530	9.92
54	1.45	1160	1390	1490	1590	10.3
56	1.52	1250	1490	1600	1710	11.1
58	1.56	1340	1600	1720	1830	11.9
60	1.63	1430	1710	1840	1960	12.7
62	1.68	1530	1830	1960	2100	13.6
63	1.70	1580	1890	2030	2160	14.0
64	1.73	1630	1950	2090	2230	14.5
67	1.80	1780	2140	2290	2450	15.9
71	1.91	2000	2400	2570	2750	17.8
75	2.03	2230	2680	2870	3070	19.9
80	2.14	2540	3050	3270	3490	22.6
85	2.30	2870	3440	3690	3940	25.5
90	2.44	3220	3860	4140	4420	28.6
95	2.58	3580	4300	4610	4920	31.9
100	2.70	3970	4760	5110	5450	35.3



## Cable laid rope 7x[IWRC 6xWS(36)]

Construction 7x{7x7+6xWS[1+7+(7+7)+14]}

■ TSK grade

Rope Diameter mm	Outer wire diameter mm	Sectional area mm <sup>2</sup>	Breaking load kN			Rough calculation unit mass kg/m
			Ordinal lay			
			Bright			
			A grade	B grade	Special grade	
100	1.86	3920	4560	4970	5240	35.0
106	1.97	4400	5120	5580	5880	39.4
112	2.08	4910	5710	6230	6570	43.9
118	2.20	5450	6340	6920	7290	48.8
120	2.24	5640	6560	7160	7540	50.4
125	2.34	6120	7120	7760	8180	54.7
130	2.40	6620	7700	8400	8850	59.2
132	2.48	6930	7940	8660	9120	61.0
140	2.62	7670	8930	9740	10300	68.7
150	2.78	8810	10200	11200	11800	78.8
160	3.00	10000	11700	12700	13400	89.7
170	3.16	11300	13200	14400	-	101
180	3.35	12700	14800	16100	-	113
190	3.55	14100	16400	17900	-	126
200	3.70	15700	18200	19900	-	140