



NOMINAL STRENGTHS OF WIRE ROPE

6 x 61 Classification/Bright (Uncoated), IWRC

Nominal Diameter		Approximate Mass		Nominal Strength*			
				Improved Plow Steel		Extra Imp. Plow Steel	
				tons	metric tonnes	tons	metric tonnes
1	26	1.85	2.75	42.8	38.8	49.1	44.5
1 1/8	29	2.34	3.48	53.9	48.9	61.9	56.2
1 1/4	32	2.89	4.30	66.1	60.0	76.1	69.0
1 3/8	35	3.50	6.59	79.7	72.3	91.7	83.2
1 1/2	38	4.16	6.19	94.5	85.7	109	98.9
1 5/8	42	4.88	7.62	111	101	127	115
1 3/4	45	5.67	8.44	128	116	146	132
1 7/8	48	6.50	9.67	146	132	168	152
2	52	7.39	11.0	165	150	190	172
2 1/8	54	8.35	12.4	186	169	214	194
2 1/4	57	9.36	13.9	207	188	239	217
2 3/8	60	10.40	15.5	230	209	264	240
2 1/2	64	11.6	17.3	254	230	292	265
2 5/8	67	12.8	18.3	279	253	321	291
2 3/4	70	14.	20.8	305	277	350	318
2 7/8	74	15.3	22.8	333	302	382	347
3	77	16.6	24.7	360	327	414	376
3 1/4	83	19.5	29.0	419	380	483	438
3 3/8	86	21.0	31.3	451	409	518	470
3 1/2	90	22.7	33.8	483	438	555	503
3 3/4	96	26.0	38.7	549	498	632	573
4	103	29.6	44.1	620	562	713	647
4 1/4	109	33.3	49.6	694	630	799	725
4 1/2	115	37.4	55.7	772	700	888	806
4 3/4	122	41.7	62.1	853	774	981	890
5	128	46.2	68.8	937	850	1078	978

*To convert to Kilonewtons (kN), multiply tons (nominal strength) by 8.896;
1 lb = 4.448 newtons (N).