

6x61 IWRC Technical Data

Rope Diameter		Approx. Weight (lb./ft.)	Minimum Breaking Force*	
			IPS**	EIPS**
Inches	mm.	lb/ft	Tons	Tons
3	76.2	16.6	360	414
3-1/4	82.6	19.5	419	483
3-3/8	85.7	21.0	451	518
3-1/2	88.9	22.7	483	555
3-3/4	95.3	26.0	549	632
4	101.6	29.6	620	713
4-1/4	108.0	33.3	694	799
4-1/2	114.3	37.4	772	888
4-3/4	120.7	41.7	853	981
5	127.0	46.2	937	1078

6x91 IWRC Technical Data

Rope Diameter		Approx. Weight (lb./ft.)	Minimum Breaking Force*	
			IPS**	EIPS**
Inches	mm.	lb/ft	Tons	Tons
4	101.6	29.6	589	677
4-1/4	108.0	33.3	660	759
4-1/2	114.3	37.4	734	844
4-3/4	120.7	41.7	810	932
5	127.0	46.2	891	1024
5-1/4	133.4	49.8	974	1120
5-1/2	139.7	54.5	1060	1219
5-3/4	146.1	59.6	1148	1320
6	152.4	65.0	1240	1426

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

**Minimum breaking forces listed above apply to ropes with bright or drawn galvanized wires.
Minimum breaking forces are 10% lower for ropes with wires galvanized at finish size.

For further information on additional constructions and diameters,
contact DCL's customer service department.