6×36 IWRC Wire Rope

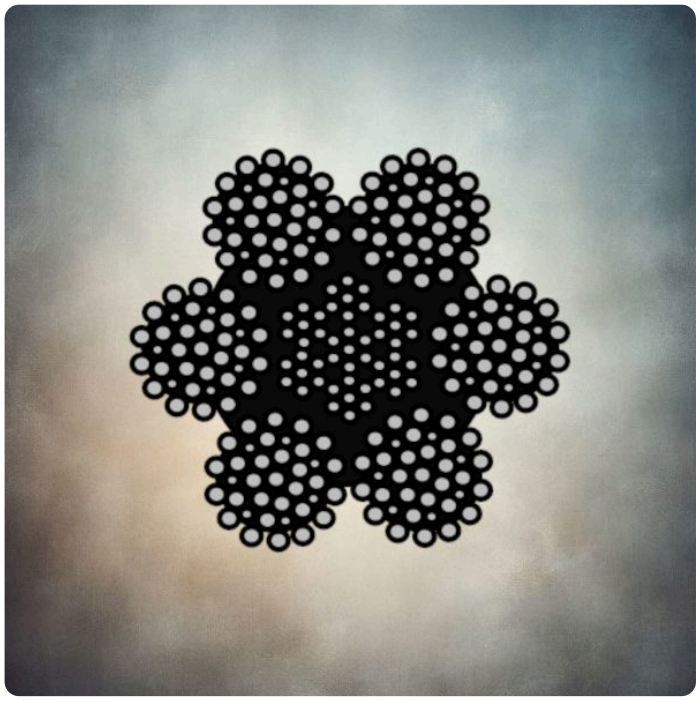
Conforms to EN 12385-4

Independent Wire Rope Core (IWRC)

Our **6×36 IWRC** wire rope, conforming to EN 12385-4, consists of 6 outer strands laid around an independent wire rope core (IWRC). This construction provides superior strength, crush resistance, and stability compared to fibre core ropes, with excellent flexibility.

This rope is available in two finishes: **Galvanised Steel** (1960 N/mm²) for excellent corrosion resistance, and **AISI 316 Grade Stainless Steel** (1570 N/mm²) for superior protection in marine environments. It is supplied with a Right Hand Ordinary Lay (RHOL) and is ideal for heavy lifting, cranes, and engineering applications.





Technical Specifications & Minimum Breaking Loads

The following table outlines the key specifications for our range of 6×36 IWRC wire rope, including diameter, weight, and Minimum Breaking Load (MBL) for both Galvanised and Stainless Steel options.

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²		Stainless 1570 N/mm²	
		MBL (kN)	MBL (kg)	MBL (kN)	MBL (kg)
8.00	0.262	44.70	4558	35.80	3651
9.00	0.331	56.50	5761	45.30	4619
10.00	0.409	69.80	7118	55.90	5700
11.00	0.495	84.40	8606	67.60	6893
12.00	0.589	100.50	10248	80.50	8209

Diameter (mm)	Approx. Mass (kg/m)	Galvanised 1960 N/mm²		Stainless 1570 N/mm²	
		MBL (kN)	MBL (kg)	MBL (kN)	MBL (kg)
13.00	0.691	117.90	12022	94.50	9636
14.00	0.802	136.80	13950	109.50	11166
16.00	1.047	178.60	18212	143.10	14592
18.00	1.320	226.00	23046	181.00	18457
19.00	1.470	252.00	25697	202.00	20598
20.00	1.630	279.00	28450	224.00	22842
22.00	1.970	338.00	34466	271.00	27634
24.00	2.350	402.00	40993	322.00	32835

Disclaimer: The information provided is for guidance and reference purposes only. The Minimum Breaking Load (MBL) should never be considered a safe working load. A suitable factor of safety (FOS) must be applied by a competent person to determine the safe working load for any given application. All lifting equipment should be thoroughly inspected before each use. Deacon Products assumes no liability for the misuse or misapplication of this information or our products.