

GALVANISED 6 X 36 IWRC

TECHNICAL DATA SHEET

Galvanised 6×36 IWRC wire rope is a versatile construction made up of six strands of thirty-six wires laid over an independent wire rope core.

This design provides a strong balance of flexibility and strength, allowing the rope to run efficiently over sheaves and drums while maintaining high load capacity. The IWRC core improves stability and resistance to crushing, making it well suited to demanding mechanical and lifting applications.

The galvanised finish enhances resistance to corrosion, supporting reliable performance in outdoor, marine, and industrial environments. With a higher number of smaller wires, the 6×36 construction offers good fatigue resistance under repeated bending, making it a dependable choice for dynamic, high-use systems.

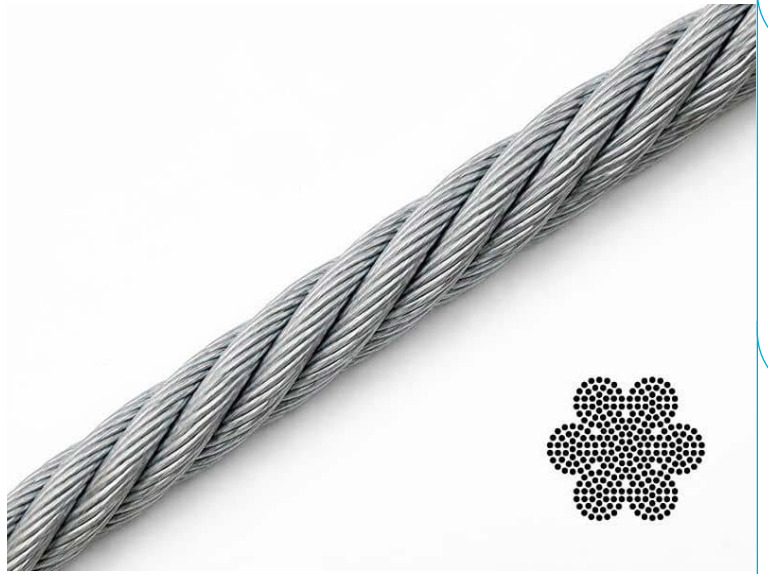
Applications

- Crane and hoist ropes
- Winch lines and drum applications
- Davits and lifting systems
- Marine and offshore winches
- General lifting and rigging
- High-cycle, fatigue-prone environments

All Ocean Force wire rope is manufactured in accordance with ISO 9001 Quality Management System standards, ensuring consistent quality and traceability across all products.

All wire rope can be supplied with full mill certification, including product specifications, chemical composition, verified minimum breaking load, and country of manufacture (Korea).

Available for supply by the metre, 100m or 305m spool to suit project requirements.



Specifications

Product Code	Nominal Diameter (mm)	Minimum Breaking Load (Metric Ton)		Approx Weight (Kg/m)	
		180Kg/nm FC	200Kg/nm IWRC	FC	IWRC
WR18D	18.0	18.7	22.2	1.16	1.30
WR19D	19.0	20.9	24.7	1.30	1.45
WR20D	20.0	23.1	27.4	1.44	1.60
WR21D	21.0	25.5	30.2	1.58	1.77
WR22MM	22.4	29.0	34.4	1.80	2.01
WR24D	24.0	33.3	39.4	2.07	2.31
WR26D	26.0	26.9	30.2	1.95	2.76

Measurements in tables may vary between different models. Ocean Force strives to ensure accuracy but encourages customers to contact us with any questions.

