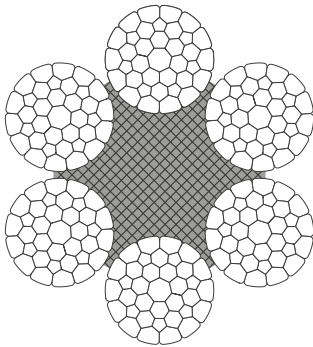


6xK36WS-SFC / RCN.09

# HDHP 6/6xK36WS

6 outer strands with fibre core

**HDHP 6/6xK36WS** is a light use, regular lay rope with 6 outer strands over a fibre core. HDHP 6 can be used for applications such as pendant ropes, electric hoists, cranes, trolley ropes and drilling.



## Features:

- › 6 outer strands on a fibre core
- › Bright or galvanised steel wires

HDHP 6/6xK36WS/2018/v1.0

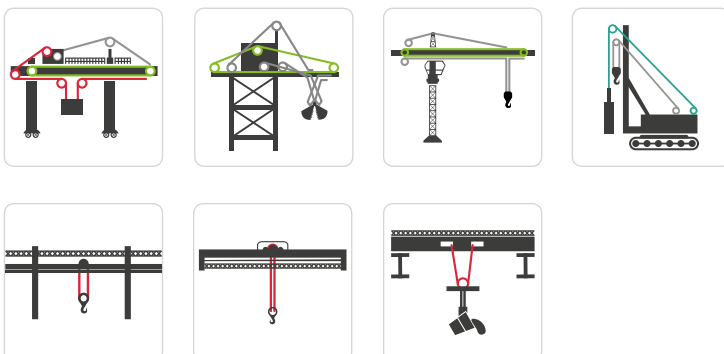
Diameter		Section	Mass	Minimum breaking load
mm	inch	mm <sup>2</sup>	kg/m	kN
				<b>2160 MPa</b>
32	1-1/4	474.5	4.22	883
34	1-3/8	535.7	4.87	1015
36	-	600.5	5.44	1130
38	1-1/2	669.1	6.02	1245
40	-	741.4	6.71	1388
42	1-5/8	817.4	7.26	1502
			<b>f - Fill Factor</b>	<b>k - Spinning Loss Factor</b>
			0.590	0.865

**Please note:** Other diameters with other tolerances than those shown here can be made on studies.







**⚠ Never use with swivel**

Indicative values - Tolerance on diameter: ArcelorMittal design (0; +4%)





## Applications



### KEY

-  Hoist
-  Trolley
-  Boom Luffing
-  Grab
-  Auxiliary Hoist
-  Pipe Handling

## HDHP 6 wire rope properties

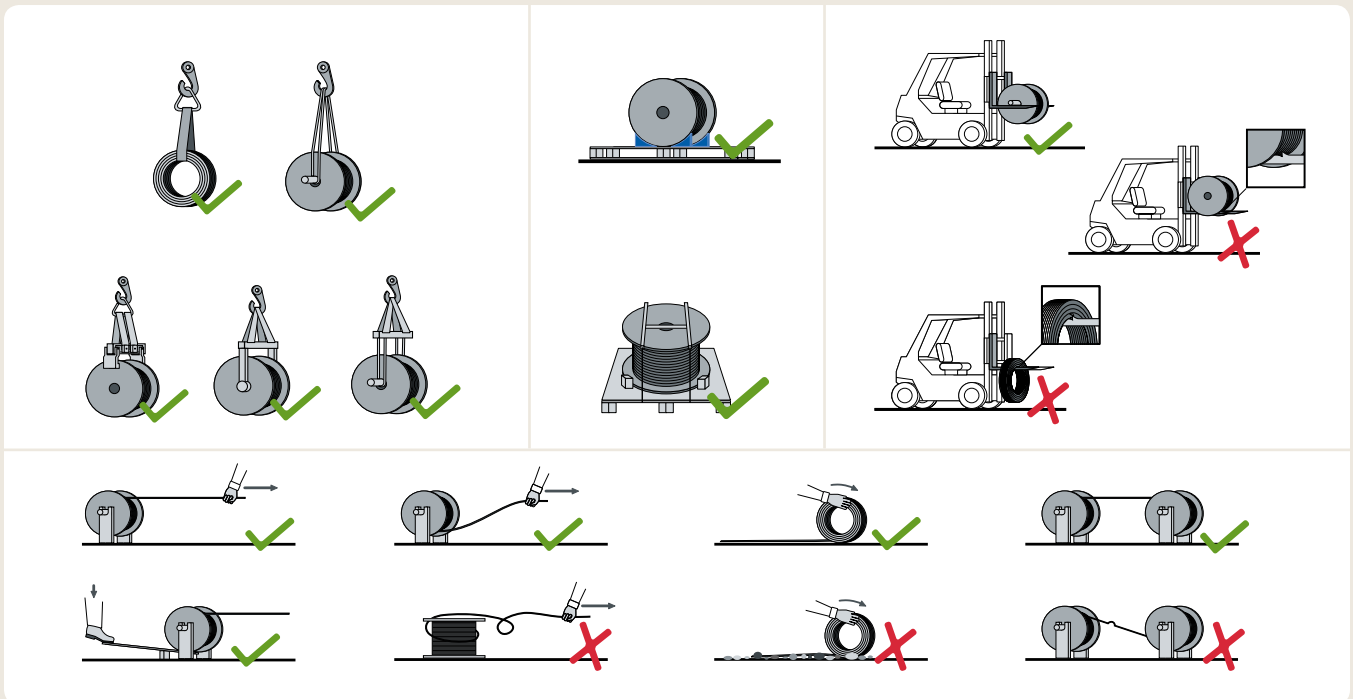
 <p><b>Lubrication</b></p>	 <p><b>Compaction</b></p>	 <p><b>Resistance to Crushing</b></p>	 <p><b>Regular Lay Rope</b></p>
<p>Extends the life and increases rope performance.</p>	<p>Smoother outer surface with increased strength and reduced wear.</p>	<p>Ropes designed to withstand or resist external forces.</p>	<p>Less core sensitivity with a non-rotational property.</p>

## Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

## EWRIS handling recommendations



At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



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