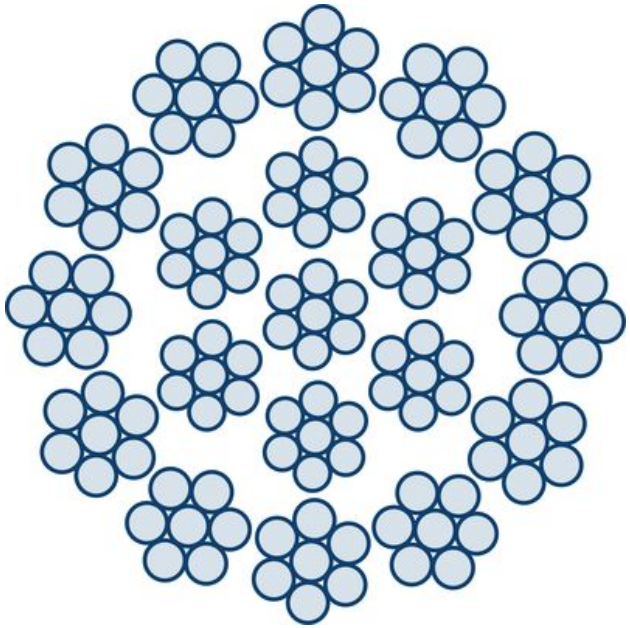
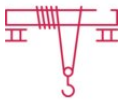


Truck crane

Jib crane

Overhead cranes



Steel Wire Rope ROPETEX S18

Product information

ROPETEX

ROPETEX S18 is a semi-rotation resistant steel wire rope consisting of two layers of strands and a (steel) wire strand core. As the outer strands are closed in the opposite direction of the inner strands this rope is considered as semi-rotation resistant rope.

ROPETEX S18 should not be used with a swivel and for unguided single part in great lifting height, with reference to the rotational properties (see manual).

ROPETEX S18 is mostly used in diameter from 3 to 8 mm in several lifting applications like truck cranes, overhead cranes, jib cranes, electrical hoists and all other applications where a semi-rotation resistant wire rope is good enough.

If you are searching for a rotation-resistant steel wire rope, look at ROPETEX S55.

Rope construction: 18x7-WSC
Marking: According to standard
Temperature range: -40°C up to +200°C, for operating temperatures between 100°C and 200°C reduce MBF by minus 10 %
Standard: EN 12385-4
Note: Ropes of the class 35x7 have to be replaced always by ropes of the same/comparable class and never by ropes of class 18x7. Whereas ropes of the class 18x7 can be replaced also by ropes of 35x7 from a technical point of view.

Fill factor: 0,55
RCN: 23-1

Part Code	Rope Diameter, mm	Steel area mm²	Min. Breaking force kN. 1960 N/mm²	Weight kg/100m
102100304270011	3	3.9	5.79	3.61
102100404270011	4	6.9	10.3	6.42
102100504270011	5	10.8	16.1	10
102100604270011	6	15.6	23.1	14.4
102100704270011	7	21.2	31.5	19.6
102100804270011	8	27.7	41.1	25.7
102100904270011	9	35.1	52.1	32