

Steel Wire Rope ROPETEX S65

Product information

ROPETEX



ROPETEX S65 (and S16) steel wire ropes are the most commonly used type of steel wire ropes in the range from 8 to 38 mm. Both can be used for a variety of applications. Available as S65 with Independent Wire Rope Core (IWRC) or as S16 with Fiber Core (FC). S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums. S16 is more flexible but has a lower breaking strength.

Typical applications:

- Wire rope sling
- Winch rope
- Hoisting installations
- Lifting applications
- Lifting rope
- Mooring rope
- Towing rope
- Cranes
- Hoists

Available in Right Hand Ordinary Lay (RHOL) and Left Hand Ordinary Lay (LHOL).

Alternatives:

- ROPETEX S16 is a very comparable rope with a Fiber Core (FC) instead of an Independent Steel Wire Rope Core (IWRC);

Rope construction: 6x36WS-IWRC

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

Fill factor: 0,58

General use



Winch rope



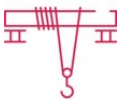
Crawler crane



Piling crane



Overhead cranes



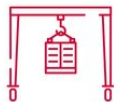
STS crane



Straddle carrier



RTG



Ladle crane



Mobile port crane



Loading crane



Container crane



Offshore crane



Tower crane



Stay rope



Slings



Part Code	Rope Diameter,	Steel area mm ²	Min. Breaking force kN. 1960 N/mm ²	Weight kg/100m
101100804270021	8	29.4	44.7	26.2
101100904270021	9	37.3	56.5	33.1
101101004270021	10	46	69.8	40.9
101101104270021	11	55.7	84.4	49.5
101101204270021	12	66.2	100	58.9
101101304270021	13	77.7	118	69.1
101101404270021	14	90.2	137	80.2
101101604270021	16	118	179	105
101101704270021	17	133	202	118
101101804270021	18	149	226	133
101101904270021	19	166	252	148

101102004270021	20	184	279	164
101102204270021	22	223	338	198
101102404270021	24	265	402	236
101102604270021	26	311	472	276
101102804270021	28	361	547	321
101103003270021	30	414	628	368
101103204270021	32	471	715	419
101103404270021	34	532	807	473
101103604270021	36	596	904	530
101103804270021	38	664	1008	591
101104004270021	40	736	1116	654