



General use



Overhead cranes



Slings



Steel Wire Rope ROPETEX S16

Product information

ROPETEX



ROPETEX S16 (and S65) 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 S16 with Fiber Core (FC) or as S65 with Independent Wire Rope Core (IWRC). S16 is more flexible but has a lower breaking strength.

S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums.

Typical applications:

- Wire rope sling
- Hoisting installations
- Lifting rope
- Mooring cable
- Towing rope
- Lifting applications

Alternatives:

- ROPETEX S65 is a very comparable rope with an Independent Steel Wire Rope Core (IWRC) instead of a Fiber Core (FC);

Rope construction: 6x36WS-FC

Marking: According to standard

Temperature range: -40°C up to +100°C

Standard: EN 12385-4

Fill factor: 0,5

RCN: 09

Part Code	Rope Diameter,	Tensile strength N/mm ²	Finish	Rope lay.	Min. Breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
101100804270011	8	1,960	Galvanized	sZ	41.4	25.2	A-1	23.5
101100904270011	9	1,960	Galvanized	sZ	52.4	31.8	A-1	29.7
101101004270011	10	1,960	Galvanized	sZ	64.7	39.3	A-1	36.7
101101104270011	11	1,960	Galvanized	sZ	78.3	47.6	A-1	44.4
101101204270011	12	1,960	Galvanized	sZ	93.1	56.6	A-1	52.8
101101304270011	13	1,960	Galvanized	sZ	109	66.4	A-1	62
101101404270011	14	1,960	Galvanized	sZ	127	77	A-1	71.9
101101504270011	15	1,960	Galvanized	sZ	146	88.4	A-1	82.6
101101604270011	16	1,960	Galvanized	sZ	166	101	A-1	94
101101704270011	17	1,960	Galvanized	sZ	187	114	A-1	106
101101804270011	18	1,960	Galvanized	sZ	210	127.3	A-1	119
101101904270011	19	1,960	Galvanized	sZ	233	142	A-1	132
101102004270011	20	1,960	Galvanized	sZ	259	157	A-1	147
101102204270011	22	1,960	Galvanized	sZ	313	190	A-1	178
101102404270011	24	1,960	Galvanized	sZ	373	226	A-1	211
101102604270011	26	1,960	Galvanized	sZ	437	266	A-1	248
101102804270011	28	1,960	Galvanized	sZ	507	308	A-1	288
101103004270011	30	1,960	Galvanized	sZ	582	354	A-1	330
101103204270011	32	1,960	Galvanized	sZ	662	402	A-1	376
101103604270011	36	1,960	Galvanized	sZ	838	509	A-1	476
101103804270011	38	1,960	Galvanized	sZ	934	567	A-1	530