

EVOLUTION TK27

The new high-end hoisting rope for extreme breaking forces at rope grade 1960. Its new rope construction incorporates all the required characteristics for using a hoisting rope in multilayer spooling and with extreme lifting heights.

UNBEATABLE BREAKING FORCE

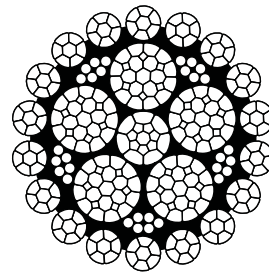
Specifications

- Lang lay, right or left lay
- 16-19 mm: 18xK6-IWRC(K), RCN 23-2
- 21-42 mm: 18xK7-IWRC(K), RCN 23-3

- ✓ Multilayer Spooling
- ✓ SUPERFILL®
- ✗ PLASTFILL

Benefits

- Reliability and safety during operation: unbeatable high breaking forces achieved through the innovative rope design featuring compacted strands and a compacted core
- Less abrasion: highest degree of compaction in the market
- Smooth, easy installation and reeving: due to high flexibility
- Extremely rotation-resistant even at enormous lifting heights: ensured by its balanced construction



Technical data

Construction	Nominal Ø		Weight		Minimum breaking forces at rope grade 1960	
	mm	inch	kg/m	lbs/ft	kN	lbf
18xK6-IWRC(K)	16	5/8	1.31	0.88	268	60,249
	18		1.66	1.12	339	76,210
	19	3/4	1.85	1.24	378	84,978
18xK7-IWRC(K)	21		2.26	1.52	462	103,862
	22	7/8	2.48	1.66	507	113,978
	23		2.71	1.82	554	124,544
	24		2.95	1.98	603	135,560
	25		3.21	2.15	654	147,025
	25.4	1	3.31	2.22	675	151,746
	26		3.47	2.33	708	159,165
	28		4.02	2.70	821	184,568
	28.57	1 1/8	4.19	2.81	854	191,987
	30		4.62	3.10	942	211,770
	32	1 1/4	5.25	3.52	1,072	240,995
	34		5.93	3.98	1,210	272,019
	36		6.65	4.46	1,357	305,066
	38	1 1/2	7.41	4.97	1,512	339,911
40		8.21	5.51	1,675	376,555	
42		9.05	6.07	1,812	407,354	

Other rope diameters are available on request.