

NAVIGATION

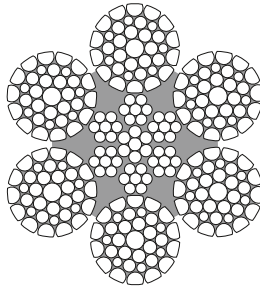
// ROTATION-RESISTANT

// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

HD 8 K (Option PPI)
SC 6 K
 DP 8 K (Option PPI)
 DP 10 K
 LP 5

OLIVEIRA SC 6 K



PROPERTIES



APPLICATIONS

Can be used for all hoist and pulling applications when a higher MBL instead of 6 strands conventional ropes is required. Manufacturing of slings with a high MBL. Mainly used for logging (forest industry).

OVERVIEW

RCN	Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
02	10 – 13	6xK19	6	163	114	0,666	0,86 (1960*)
06	14 – 19	6xK26	6	205	156	0,663	
08	20 – 29	6xK31	6	235	186	0,675	0,84 (1960*)
09	30 – 60	6xK36	6	265	216	0,675	

- Temperature range of use: -50° C to +100°C
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand

nominal diameter		weight		minimum breaking force			
mm	inch	kg/m	lb/ft	1960 N/mm ²		lbs	t [2000 lbs]
10		0,45	0,30	87,7	8,94	19,716	9,86
11	7/16	0,54	0,37	107,0	10,91	24,055	12,03
12		0,64	0,43	125,8	12,83	28,292	14,15
12,70	1/2	0,73	0,49	138,0	14,07	31,024	15,51
13		0,77	0,52	150,1	15,31	33,744	16,87
14		0,89	0,60	169,3	17,26	38,052	19,03
15		1,00	0,67	190,9	19,47	42,916	21,46
15,88	5/8	1,11	0,74	209,0	21,31	46,985	23,49
16		1,15	0,77	218,8	22,31	49,190	24,59
17		1,31	0,88	250,5	25,54	56,315	28,16
18		1,45	0,97	276,7	28,21	62,196	31,10
19	3/4	1,62	1,09	311,1	31,72	69,940	34,97
20		1,78	1,20	344,8	35,16	77,509	38,75
22		2,16	1,45	419,0	42,73	94,195	47,10
22,23	7/8	2,24	1,50	420,0	42,83	94,420	47,21
24		2,61	1,76	504,3	51,42	113,371	56,69
25		2,80	1,88	542,5	55,32	121,959	60,98
25,40	1	2,91	1,96	565,2	57,63	127,062	63,53
26		3,09	2,07	598,2	61,00	134,481	67,24
28		3,54	2,38	681,6	69,50	153,228	76,61
28,58	1 1/8	3,65	2,45	687,0	70,05	154,444	77,22
29		3,81	2,56	737,7	75,22	165,842	82,92
30		4,11	2,76	786,6	80,21	176,826	88,41
31,75	1 1/4	4,58	3,07	850,0	86,68	191,088	95,54
32		4,61	3,09	890,9	90,84	200,276	100,14
34		5,22	3,51	1.011,0	103,09	227,282	113,64
34,93	1 3/8	5,56	3,74	1.030,0	105,03	231,553	115,78
35		5,56	3,74	1.050,0	107,07	236,049	118,02
36		5,85	3,93	1.131,0	115,33	254,259	127,13
38	1 1/2	6,51	4,38	1.261,0	128,59	283,484	141,74
40		7,23	4,86	1.401,0	142,86	314,957	157,48
41,28	1 5/8	7,77	5,22	1.450,0	147,86	325,973	162,99
42		7,91	5,32	1.530,0	156,02	343,958	171,98
44		8,80	5,91	1.701,0	173,45	382,400	191,20
44,45	1 3/4	8,96	6,02	1.710,0	174,37	384,423	192,21
46		9,55	6,41	1.847,0	188,34	415,222	207,61
47,63	1 7/8	10,34	6,95	1.940,0	197,82	436,129	218,06
48		10,40	6,99	2.012,0	205,17	452,316	226,16
50		11,27	7,57	2.178,0	222,09	489,634	244,82
50,80	2	11,54	7,75	2.182,0	222,50	490,533	245,27
52		12,18	8,19	2.340,0	238,61	526,053	263,03
54	2 1/8	12,97	8,71	2.460,0	250,85	553,030	276,51
56		14,01	9,41	2.649,0	270,12	595,519	297,76
57,15	2 1/4	14,64	9,84	2.758,0	281,24	620,023	310,01
58		15,01	10,09	2.840,0	289,60	638,457	319,23
60		16,06	10,79	3.040,0	309,99	683,419	341,71

Special constructions and diameters available - please contact us directly.