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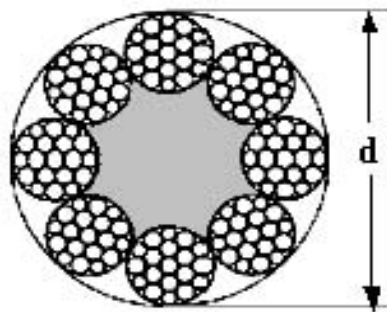
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STEEL ROPES with fiber core 8 x 19 WARRINGTON (DIN 3063)

8 x (1+6+(6+6))



Nominal diameter & acceptable tolerance		Weight per meter	Calculated Breaking Force (CBF)				Minimum Breaking Force (MBF)				
d mm	%		G1 kg/m ~	for wire nominal strength							
		1570 N/mm ² (160 kp/mm ²)		1770 N/mm ² (180 kp/mm ²)		1570 N/mm ² (160 kp/mm ²)		1770 N/mm ² (180 kp/mm ²)			
				kN	kp	kN	kp	kN	kp	kN	kp
10		0,348	53,6	5,470	60,5	6,150	45,1	4,590	50,8	5,170	
11	+5	0,422	64,9	6,610	73,2	7,440	54,5	5,560	61,5	6,250	
12	-0	0,502	77,2	7,870	87,1	8,850	64,9	6,610	73,2	7,440	
13		0,589	90,7	9,240	102	10,400	76,1	7,760	85,9	8,730	
14	+5	0,683	105	10,700	119	12,100	88,3	9,000	99,6	10,100	
15	-0	0,784	121	12,300	136	13,800	101	10,300	114	11,600	
16		0,892	137	14,000	155	15,700	115	11,800	130	13,200	
17	+5	1,01	155	15,800	175	17,800	130	13,300	147	14,900	
18	-0	1,13	174	17,700	196	19,900	146	14,900	165	16,700	
19		1,26	194	19,700	218	22,200	163	16,600	183	18,600	
20	+5	1,39	215	21,900	242	24,600	180	18,400	203	20,700	
22	-0	1,69	260	26,500	293	29,800	218	22,200	246	25,000	
24		2,01	309	31,500	348	35,400	260	26,400	293	29,800	
26	+5	2,36	363	36,900	409	41,600	305	31,000	343	34,900	
28	-0	2,73	421	42,900	474	48,200	353	36,000	398	40,500	
32		3,57	549	56,000	619	63,000	461	47,000	520	52,900	
36	+5	4,52	695	70,800	784	79,700	584	59,500	658	66,900	
40	-0	5,57	858	87,500	968	98,400	721	73,500	813	82,600	
44		6,75	1,040	106,000	1,170	119,000	872	88,900	983	100,000	

In case a steel core replaces the fiber core

1. The weight increases 22%
2. The CBF increases 32%
3. The MBF increases 18%