

**PRODUCT INFORMATION**

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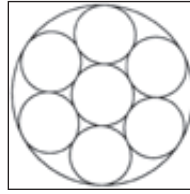
**STEEL ROPE****Stainless steel**

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### 1x7

Stainless steel spiral strand rop

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
1	0,005	0,855	87,1
1,5	0,011	1,92	196
2	0,020	3,42	349
2,5	0,031	5,34	545
3	0,045	7,69	784
4	0,080	13,7	1400
5	0,126	21,4	2180

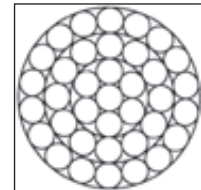


Stability and rust protection...  
Stiff but highly inelastic, ideal as guy rope, extremely corrosion resistant.

### 1x37

Stainless steel spiral strand rope

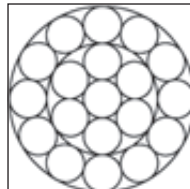
Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
4	0,078	12,9	1310
5	0,122	20,1	2050
6	0,176	29,0	2950
7	0,240	39,4	4020
8	0,313	51,5	5250
9	0,396	65,2	6640
10	0,489	80,5	8200
12	0,704	116	11800
14	0,958	158	16100



### 1x19

Stainless steel spiral strand rope

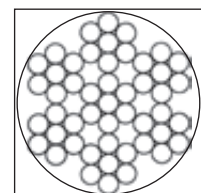
Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
2	0,020	3,30	337
2,5	0,031	5,15	525
3	0,045	7,42	757
4	0,079	13,2	1350
5	0,124	20,6	2100
6	0,178	29,7	3030
7	0,243	40,4	4120
8	0,317	52,8	5390
9	0,401	66,8	6810



### 7x7

Stainless steel round strand rope with steel strand core

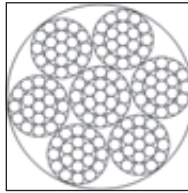
Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
1,5	0,009	1,37	140
2	0,015	2,43	248
3	0,035	5,48	559
4	0,061	9,75	995
5	0,096	15,2	1550
6	0,138	21,9	2230
7	0,188	29,8	3040



## 7x19

Stainless steel round strand rope with steel strand core

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
3	0,034	4,69	478
4	0,061	8,34	851
5	0,095	13,0	1330
6	0,137	18,8	1920
7	0,187	25,5	2600
8	0,244	33,3	3400
9	0,309	42,2	4300
10	0,381	52,1	5310
11	0,461	63,1	6440
12	0,549	75,0	7650

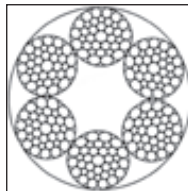


Good runner and rust protection... Flexible, elastic, runs on winches and pulleys, extremely corrosion resistant. But: limited long-term flexural stability.

## Regular...

- Material: Bright steel wire 1.4401 (AISI 316)
- Lubrication: none
- Type/direction of lay: Ordinary lay sZ
- Tensile grade: 1570N/mm<sup>2</sup>

Other requirements? By arrangement we can supply: Different type/direction of lay, or higher tensile grade (1770 instead of 1570 with approx. 12.7% higher breaking force).



## 6x36 FC

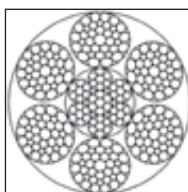
Stainless steel round strand rope with PP fibre core

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
8	0,234	33,2	3390
10	0,367	51,8	5280
12	0,528	74,6	7610
14	0,719	102	10400
16	0,940	133	13600
18	1,19	168	17100
20	1,47	207	21100
22	1,78	251	25600
24	2,11	298	30400
26	2,48	350	35700

## 6x36 IWRC

Stainless steel round strand rope with steel rope core

Nominal Rope Diameter	Rope Weight	Minimum Breaking Force at tensile grade 1570N/mm <sup>2</sup> (160kgf/mm <sup>2</sup> )	
		kN	kgf
mm	~ kg/m		
8	0,262	35,8	3650
10	0,409	55,9	5700
12	0,590	80,5	8210
14	0,800	110	11200
16	1,05	143	14600
18	1,33	181	18500
20	1,64	224	22800
22	1,98	271	27600
24	2,36	322	32800
26	2,76	378	38600



The rope weight is defined as the approximate calculated length mass kg/m (informative). The rope grade is the acronym for the nominal tensile strength of the wires in N/mm<sup>2</sup>. The permitted limit deviation of the rope diameter from nominal diameter is +8-0% for 2 to <4mm, +7-0% for 4 to <6mm, +6-0% for 6 to <8mm and +5-0% for 8mm and more.