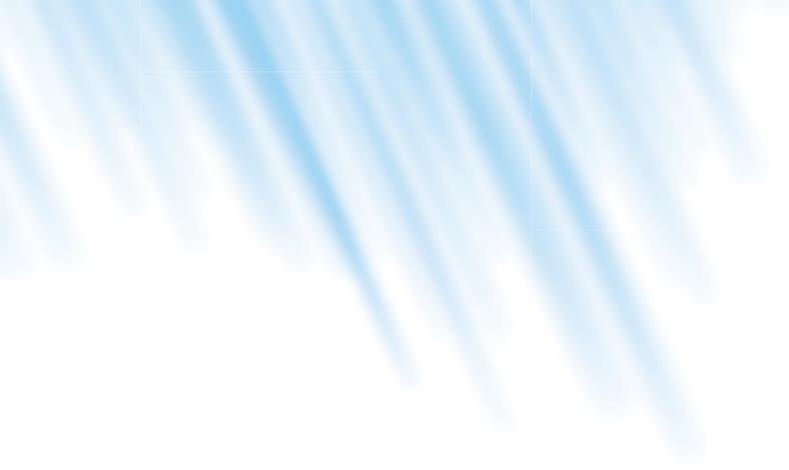




A background image showing a close-up of a large metal hook and shackle, likely part of a crane or lifting equipment. In the background, a cable-stayed bridge is visible over a body of water, with a city skyline in the distance. Two seagulls are flying in the sky.

SPECIALITY ROPES CATALOG





Valimar ltd. is registered in 1989. The company is specialized In the steel wire and steel wire ropes sector since 1993.

Valimar ltd. is main supplier of steel wire products for the territory of Bulgaria, Macedonia, Serbia, Croatia, Monte Negro and Bosna & Herzegovina.

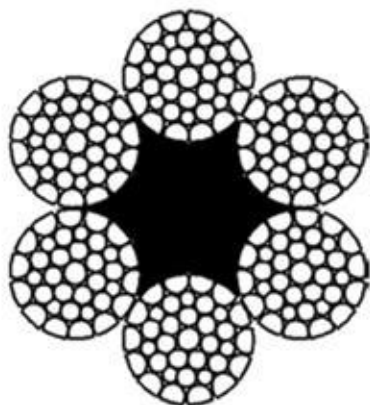
CONTENT

1. *Wire Rope with Compacted Outer Strands with Fibre Core*
2. *8 Strand Rope with Compacted Outer Strands*
3. *Drilling Rope with Combined Core*
4. *Wire Rope*
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18. *Octopus 8K Ropes*
19. *Octopus 8KF Ropes*
20. *Octopus 8 KP Ropes*
21. *Octopus 817 Ropes*
22. *Anaconda 36 Multistrand Ropes*
23. *Anaconda 36 K Multistrand Ropes*
24. *Anaconda 36 KP Multistrand Ropes*
25. *Anaconda 24 Multistrand Ropes*

Wire Rope with Compacted Outer Strands with Fibre Core

STO 71915393-TU 040-2007

Product description



As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

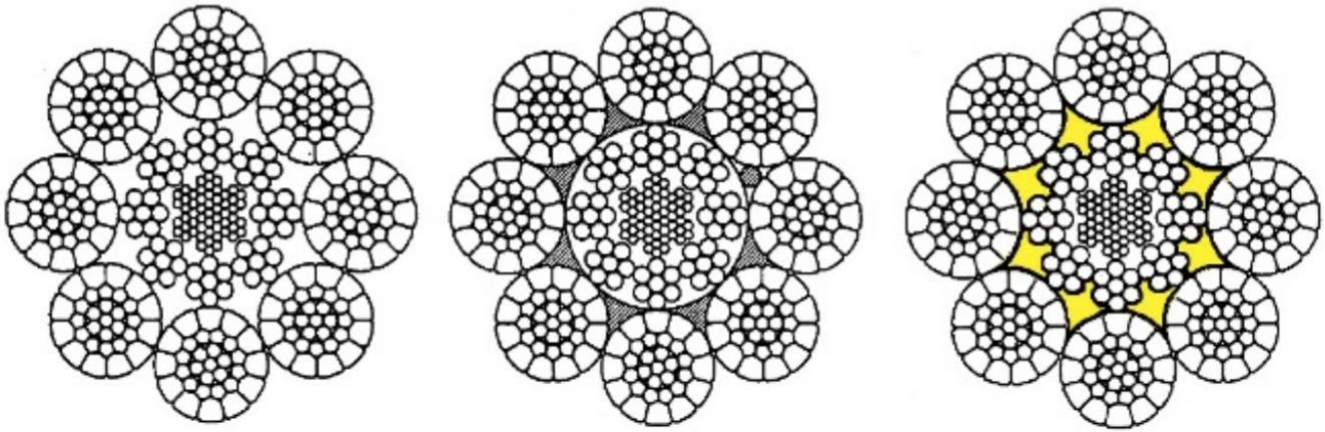
6x36WS + FC

Technical characteristics

Diameter, mm	Weight 1000 m, kg	Minimum breaking load, kN			
		1670 N/mm ²	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
20,0	1 626	246	260	275	289
22,0	1 958	295	312	330	347
24,0	2 356	354	374	395	416
26,0	2 788	417	441	466	490
28,0	3 236	484	512	540	568
30,0	3 801	631	592	625	658
32,0	4 554	631	668	705	742
34,0	4 862	718	761	803	845
36,5	5 303	778	824	870	916
38,0	5 597	823	871	920	968
39,5	6 159	907	959	1 013	1 066
42,0	6 956	1 023	1 083	1 144	1 204
43,0	7 290	1 073	1 136	1 199	1 262
44,5	7 967	1 172	1 240	1 309	1 378
46,5	8 499	1 249	1 323	1 396	1 470
48,5	9 177	1 352	1 431	1 510	1 590
50,5	9 798	1 444	1 529	1 614	1 699
53,5	11 195	1 655	1 752	1 850	1 947
56,0	12 393	1 826	1 934	2 042	2 149
58,5	13 088	1 934	2 048	2 162	2 276
60,5	14 959	2 204	2 334	2 463	2 593
63,0	15 344	2 269	2 402	2 535	2 669
65,0	16 592	2 449	2 593	2 737	2 881
68,0	18 686	2 755	2 916	3 078	3 240

8 Strand Rope with Compacted Outer Strands

STO 71915393-TU 043-2007



Product description

The ropes are applied for hoisting at P&H 2800 type excavators

As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

Organic fillers (OF) inside the rope serve as additional lubrication source which enables to protect the core from corrosion and reduce friction between rope core and outer strands.

Polymer material between the independent wire rope core and the outer strands protects the core from corrosion and decreases wire wear caused by strand friction on the core

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

8x37(1+6; 6+12+12) + 8 OF + 8x7 + 6x7 + 1x7

- Type 1 - with compacted outer strands
- Type 2 - with compacted outer strands and 6 organic fillers between the external and internal layers of the rope
- Type 3 - with compacted outer strands and polymeric filling between the independent wire rope core and outer strands

Technical characteristics

Diameter, mm	Weight 1000 m, kg			MBL, kN
	Type I	Type II	Type III	
60,3	16 879	17 073	17 110	2 648

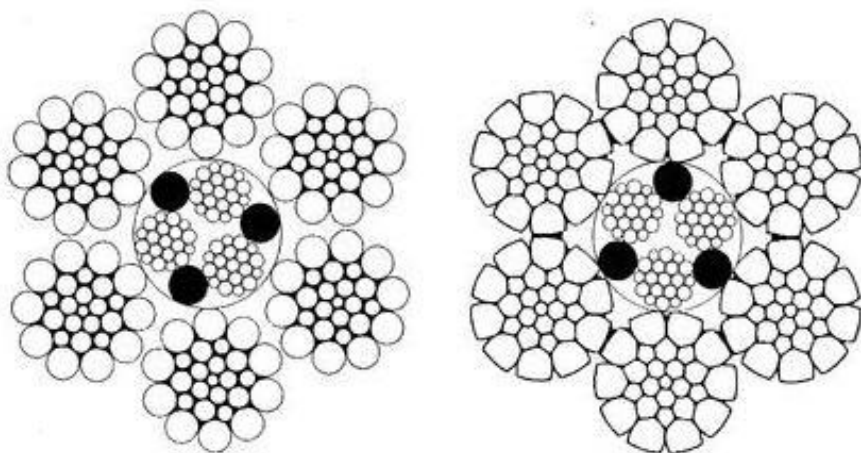
The ropes of 1670 N/mm² grade are manufactured from bright wire of the following grades:

1570 N/mm² – outer layer of external strands; 1770 N/mm² – the rest of the wires

Due to the use of a lower grade wire in the outer layer of strands wire deformation takes place, and the contact area of wire with a block groove increases. It all results in less abrasive wear of the wires as well as the block grooves.

Drilling Rope with Combined Core

STO 71915393-TU 049-2007



Product description

These wire ropes have a combined three-wire core and three organic fillers and offer a set of technological advantages compared to ropes manufactured according to GOST 16853-88: increased wear resistance and reduced impact load on the rope.

Basic advantages of ropes with compacted outer strands TU049 (type 2) are: high tensile strength, increased abrasive resistance of strand wires and rope strands, reduced wear of blocks and drums due to the increased area of contact with the rope bearing surface.

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

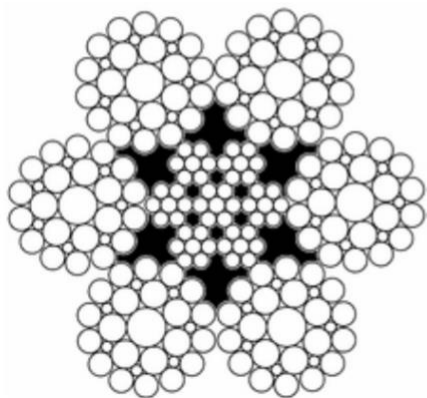
- Type 1- 6x26WS + 3x19W+3 organic fillers (OF) without compacted strands;
- Type 2- 6x26WS + 3x19W + 3 OF with compacted outer strands.

Technical characteristics

Diameter, mm	Type 1		Type 2	
	Weight 1000 m, kg	Minimum breaking load, kN	Weight 1000 m, kg	Minimum breaking load, kN
25,0	2 556	425	2 669	444
28,0	3 192	533	3 366	560
30,0	3 704	619	3 885	649
32,0	4 229	687	4 318	717
35,0	5 046	841	5 291	881
38,0	5 861	978	6 149	1 025

Wire Rope

STO 71915393-TU 059-2008



Product description

LK-Z type ropes are applied almost in a wide range of industries; however they should not be exposed to hostile environment conditions. The ropes have thin filling wires which are non-corrosion-resistant and thus should not bear hostile environment influence. In comparison with the standard ropes GOST 7667-80, these ropes are characterized by better flexibility and higher tensile strength.

Construction

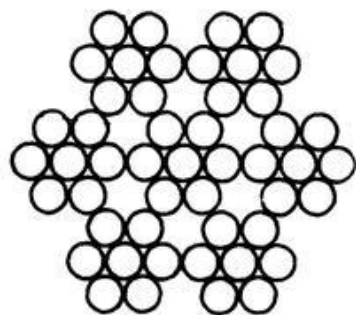
6x29F + 6x7 + 1x7

Technical characteristics

Diameter, mm	Weight 1000 m, kg	Minimum breaking load, kN	
		1860 N/mm ²	1960 N/mm ²
18,0	1 370	241	254
22,0	2 035	365	374
22,4	2 128	375	394
23,1	2 225	392	413
25,0	2 672	471	496
29,4	3 538	624	657
37,1	5 847	1 015	1 069

Rope for Anchorage Manufacture

STO 71915393-TU 048-2007



Product description

Applied for manufacturing of deep burial anchors – mining rock fixing

Construction

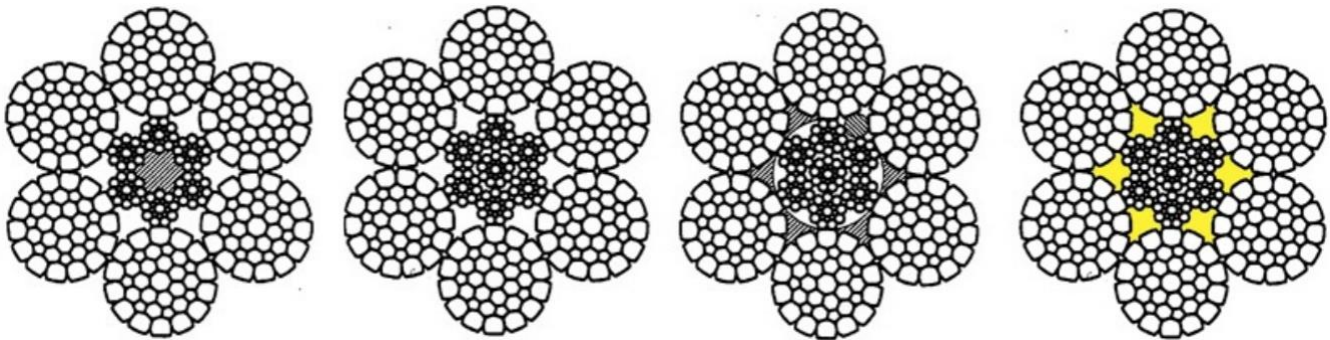
6x7(1+6) + 1x7(1+6)

Technical characteristics

Diameter, mm	Weight 1000 m, kg	Aggregate breaking force, kN
20,0	1 550	281

Wire Rope with Compacted Outer Strands

STO 71915393-TU 057-2014



Product description

As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

Organic fillers inside the rope serve as additional lubrication source which enables to protect the core from corrosion and reduce friction between rope core and outer strands.

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

- Type 1 - 6x36WS + 6x19S + FC with compacted outer strands
- Type 2 - 6x36WS + 6x19S + 1x19S
- Subtype 1 - with compacted outer strands;
- Subtype 2 - with compacted outer strands and 6 organic fillers between the external and internal layers of the rope;
- Subtype 3 - with compacted outer strands and plastic coated wire rope core.

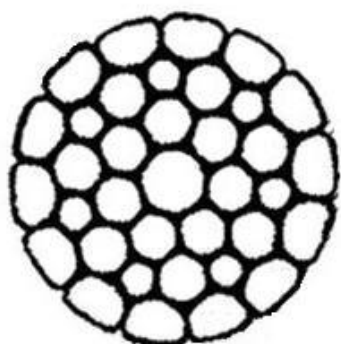
Technical characteristics

Diameter, mm	Weight 1000 m, kg				Minimum breaking load, kN							
	Type 1	Type 2			Type 1				Type 2			
		Subtype I	Subtype II	Subtype III	1670 N/mm ²	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²	1670 N/mm ²	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
35.5	5 712	5 797	-	5 857	885	932	979	1 032	908	955	1 003	1 058
36.5	6 060	6 153	-	6 223	938	987	1 037	1 092	962	1 011	1 063	1 120
39.0	6 757	6 858	6 940	6 928	1 045	1 100	1 156	1 218	1 072	1 126	1 183	1 247
41.0	7 599	7 716	7 809	7 796	1 172	1 233	1 295	1 365	1 202	1 263	1 327	1 399
42.0	7 935	8 057	8 154	8 147	1 223	1 287	1 352	1 425	1 256	1 320	1 387	1 461
45.5	9 276	9 421	9 534	9 521	1 423	1 499	1 574	1 659	1 461	1 536	1 614	1 701
49.0	10 831	10 999	11 131	11 109	1 658	1 746	1 834	1 933	1 703	1 789	1 881	1 982
52.0	12 338	12 516	12 666	12 646	1 886	1 986	2 087	2 198	1 933	2 033	2 136	2 251
57.0	14 506	14 729	14 905	-	2 213	2 331	2 449	2 581	2 272	2 389	2 511	2 646
60.5	16 610	16 859	17 061	-	2 528	2 660	2 796	2 945	2 593	2 725	2 864	3 017
61.5	17 057	17 316	17 523	-	2 594	2 730	2 869	3 023	2 662	2 798	2 940	3 099
64.0	18 387	18 672	18 896	-	2 796	2 943	3 093	3 259	2 870	3 018	3 172	3 342
68.0	20 857	21 162	21 416	-	3 160	3 325	3 494	3 681	3 242	3 406	3 579	3 772

The ropes of 1670 N/mm² grade are manufactured from bright wire of the following grades:
 1570 N/mm² – outer layer of external strands; 1770 N/mm² – the rest of the wires
 Due to the use of a lower grade wire in the outer layer of strands wire deformation takes place,
 and the contact area of wire with a block groove increases. It all results in less abrasive wear of
 the wires as well as the block grooves.

Ground Wire for Overhead Power Transmission Lines

STO 71915393-TU 062–2008



Product description

Intended to be hung up on power transmission lines as
 protection from direct lightning strikes

Construction

1x36WS

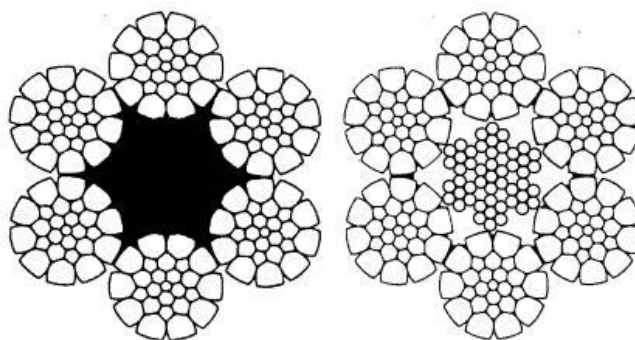
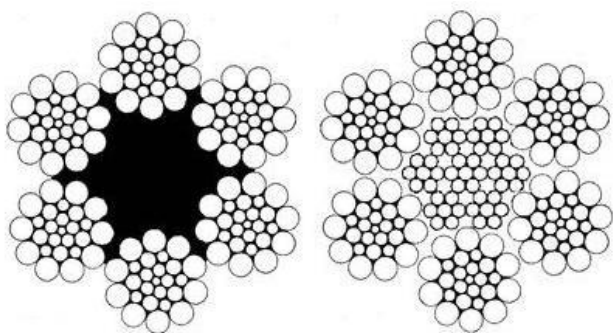
Manufactured from galvanized wire with a heavy zinc coating

Technical characteristics

Diameter, mm	Weight 1000 m, kg	Aggregate breaking force, kN		
		1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
8,0	366	78,4	82,3	87,2
9,2	490	103	109	115
10,0	575	122	129	136
11,0	695	147	154	163
12,5	890	190	200	210
13,0	982	208	220	232
14,0	1 125	239	252	265
15,0	1 305	278	293	308
16,0	1 470	318	336	353
17,0	1 670	354	375	394
18,5	1 995	424	447	471
21,0	2 560	544	575	605
22,5	2 935	624	689	693

Drilling Rope

STO 71915393-TU 068-2008



Product description

These wire ropes can be manufactured of 2 types:

- type 1 - without compacted outer strands, with fibre (FC) or independent wire rope core (IWRC)
 - type 2 - with compacted outer strands, with fibre (FC) independent wire rope core (IWRC)
- and offer a set of technological advantages compared to GOST 16853-88:
- increased wear resistance
 - higher flexibility
 - reduced impact load on the rope.

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

6x26WS + FC/ 6x26WS + 7x7

Technical characteristics

- Type 1 - without compacted outer strands/ Type 2 - with compacted outer strands

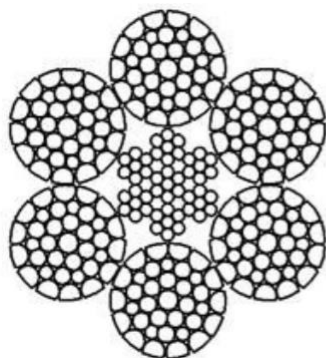
mm		FC				MC				
Weight 1000 m, kg		Minimal breaking load, kN				Weight 1000 m, kg	Minimal breaking load, kN			
		1570N/mm ²	1670N/mm ²	1770N/mm ²	1860N/mm ²		1570N/mm ²	1670N/mm ²	1770N/mm ²	1860N/mm ²
25,0	2 277	325	346	366	386	2 566	385	409	433	457
28,0	2 839	406	432	457	483	3 191	480	510	540	570
30,0	3 307	474	504	534	563	3 710	558	593	628	663
32,0	3 683	525	558	590	623	4 126	618	656	695	734
35,0	4 494	642	682	722	762	5 043	757	804	851	899
38,0	5 253	750	794	841	888	5 886	880	936	991	1 046

Diameter, mm		FC				MC				
Weight 1000 m, kg		Minimal breaking load, kN				Weight 1000 m, kg	Minimal breaking load, kN			
		1570N/mm ²	1670N/mm ²	1770N/mm ²	1860N/mm ²		1570N/mm ²	1670N/mm ²	1770N/mm ²	1860N/mm ²
25,0	2 439	349	371	393	415	2 724	409	434	460	486
28,0	3 056	438	466	493	521	3 402	512	544	576	608
30,0	3 597	517	549	582	614	3 991	601	639	677	714
32,0	3 951	564	599	635	670	4 387	657	698	739	780
35,0	4 875	698	741	785	829	5 413	813	863	914	965
38,0	5 657	807	857	908	958	6 280	940	999	1 057	1 116

Wire Rope with Compacted Outer Strands

STO 71915393-TU 090-2010

Product description



As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

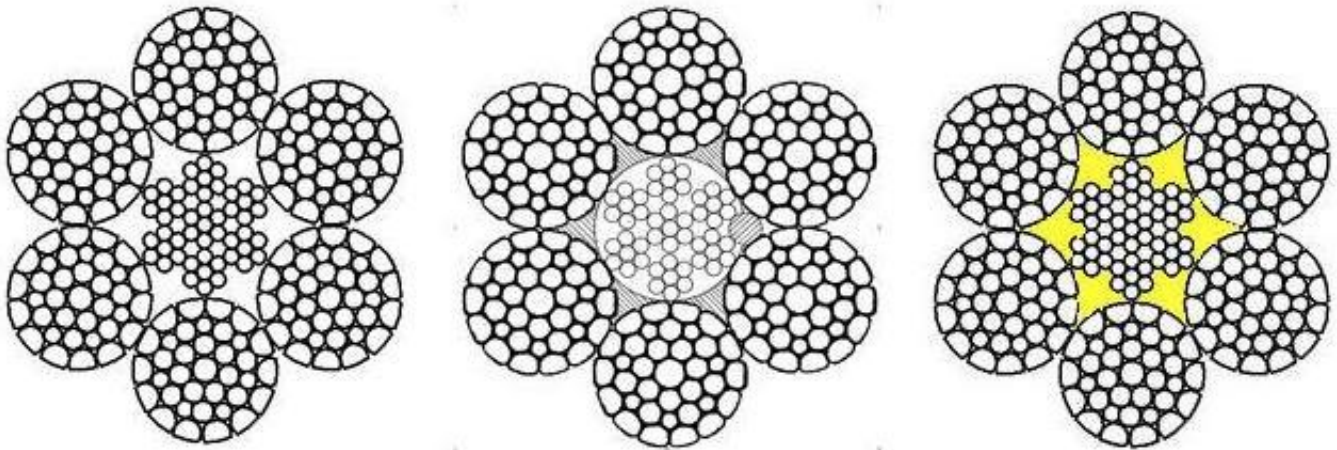
6x36WS + 7x7

Technical characteristics

Diameter, mm	Weight 1000 m, kg	Minimum breaking load, kN		
		1670	1770	1860
16,0	1 190	181	192	203
18,0	1 510	230	244	257
20,0	1 840	283	299	316
22,0	2 220	341	361	381
24,0	2 640	406	430	454
26,0	3 100	478	507	535
28,0	3 580	555	588	620
30,0	4 110	642	680	718
32,0	4 690	727	770	813
34,0	5 330	827	876	925
35,5	5 770	893	946	999
36,0	5 910	929	983	1 038
36,5	6 090	944	1 000	1 055
39,0	6 720	1 043	1 104	1 166
41,0	7 600	1 178	1 248	1 317
42,0	7 970	1 237	1 310	1 382
45,5	9 270	1 435	1 519	1 604
49,0	10 790	1 674	1 772	1 870
52,0	12 290	1 906	2 018	2 130
57,0	14 390	2 234	2 366	2 497
60,5	16 410	2 548	2 698	2 848
61,5	16 910	2 626	2 781	2 935
64,0	18 220	2 848	3 016	3 184
68,0	20 520	3 189	3 377	3 564

Wire Rope with Compacted Outer Strands

STO 71915393-TU 091-2010



Product description

As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

Organic fillers inside the rope serve as additional lubrication source which enables to protect the core from corrosion and reduce friction between rope core and outer strands.

Polymer material between the independent wire rope core and the outer strands protects the core from corrosion and decreases wire wear caused by strand friction on the core

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

6x36WS + 6x7 + 1x7

- Type 1 - with compacted outer strands
- Type 2 - with compacted outer strands and 6 organic fillers between the external and internal layers of the rope
- Type 3 - with compacted outer strands and polymeric filling between the independent wire rope core and outer strands

T Technical characteristics

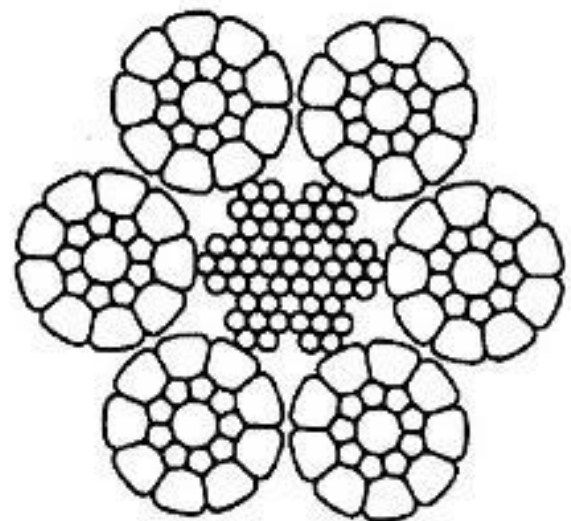
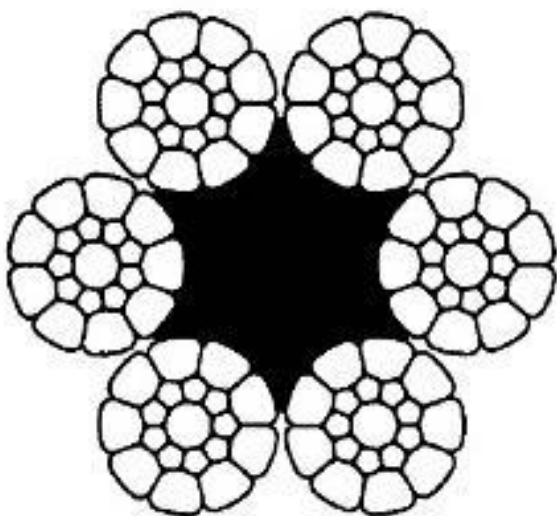
Diameter, mm	Weight 1000 m, kg			Minimum breaking load, kN
	Type 1	Type 2	Type 3	
35,5	5 770	5 840	5 830	900
36,5	6 090	6 160	6 160	951
39,0	6 720	6 800	6 790	1 052
41,0	7 600	7 690	7 668	1 187
42,0	7 970	8 070	8 060	1 247
45,5	9 270	9 380	9 370	1 447
49,0	10 790	10 920	10 900	1 686
52,0	12 290	12 440	12 420	1 921
57,0	14 390	14 560	14 550	2 251
60,5	16 410	16 610	16 590	2 567
61,5	16 910	17 110	17 090	2 646
64,0	18 220	18 430	18 410	2 852
68,0	20 520	20 760	20 740	3 215

The ropes of 1670 N/mm² grade are manufactured from bright wire of the following grades:
1570 N/mm² – outer layer of external strands; 1770 N/mm² – the rest of the wires

Due to the use of a lower grade wire in the outer layer of strands wire deformation takes place, and the contact area of wire with a block groove increases. It all results in less abrasive wear of the wires as well as the block grooves.

Wire Rope with Compacted Outer Strands

STO 71915393-TU 115-2011



Product description

As outer strands of the rope go through crimping wheels, the strand becomes thicker – metal cross sectional area increases, strand form becomes smoother, and round, therefore the following advantages are achieved:

- increased wear resistance of wires
- decreased blocks groove wearing
- high tensile strength
- higher lateral compression strength

These advantages extend the operational life of the rope and significantly reduce operating costs.

Construction

6x19S + FC

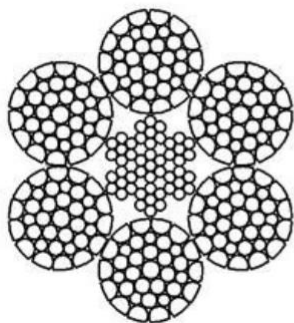
6x19S + 7x7

Technical characteristics

Diameter, mm	Weight 1000 m, kg		Minimum breaking load, kN					
	6x19S + FC	6x19S + 7x7	6x19S + FC			6x19S + 7x7		
			1570 N/mm ²	1760 N/mm ²	1960 N/mm ²	1570 N/mm ²	1760 N/mm ²	1960 N/mm ²
10,5	426	463	59	66	73	68	76	84
11,5	543	590	75	85	94	86	97	108
12,0	611	-	85	95	106	-	-	-
12,5	-	715	-	-	-	105	118	131
13,0	658	-	91	103	114	-	-	-
14,0	822	891	115	129	143	131	148	164
15,0	935	1 019	130	147	163	150	169	186
16,5	1 160	1 260	162	182	202	186	209	231
17,5	1 273	-	177	200	222	-	-	-
19,5	1 515	-	211	238	263	-	-	-
20,5	1 800	-	251	283	313	-	-	-
22,0	1 910	-	266	300	332	-	-	-
23,0	2 128	-	296	334	370	-	-	-
25,5	2 617	-	364	411	455	-	-	-
28,0	3 180	-	443	499	553	-	-	-
30,5	3 687	-	513	579	641	-	-	-
32,5	4 155	-	578	652	722	-	-	-
35,0	4 857	-	676	762	844	-	-	-
37,0	5 326	-	741	835	925	-	-	-
39,0	6 059	-	844	951	1 053	-	-	-
40,0	6 427	-	895	1 009	1 117	-	-	-
41,0	6 880	-	959	1 081	1 197	-	-	-
43,5	7 856	-	1 095	1 235	1 367	-	-	-
45,0	8 529	-	1 189	1 341	1 485	-	-	-
46,0	8 792	-	1 226	1 382	1 530	-	-	-

Octopus 825 Ropes

STO 71915393-TU 051-2007



Product description:

These wire ropes are manufactured from bright or galvanized wire.

Construction:

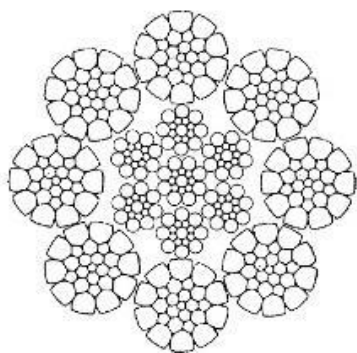
8x25F+6x17S+1x17S

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
			Minimum breaking load, kN		
STO 71915393-TU 051-2007	21	1 937	316	334	351
	31	4 167	687	725	763
	37	5 976	989	1 044	1 098
	42	7 903	1 309	1 382	1 454

Octopus 826K Ropes

STO 71915393-TU 051-2007



Product description:

These ropes are manufactured from bright and galvanized wire, with compacted strands.

Construction:

8x26WS + 6x17S + 1x17S

Advantages:

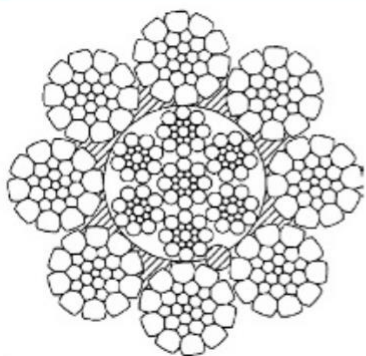
- increased wear resistance of wires
- reduced wear of block grooves
- improved breaking strength parameters
- higher lateral compression strength

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1770 N/mm ²	1870 N/mm ²	1960 N/mm ²	2160 N/mm ²
K8-IWRC						
STO 71915393-TU 051-2007	12	688	112,4	118,2	124,5	129,1
	13	808	132,2	138,9	146,3	151,8
	14	930	150,7	159	168,2	174,5
	15	1067	173,2	183,2	192,3	200,4
	16	1215	198,2	209	219,8	229,1
	17	1360	221,5	234	246,5	256,0
	18	1550	253,2	267,3	281,5	292,4
	19	1695	277,3	292,3	308,2	319,8
	20	1905	312,3	329,8	347,3	360,8
	21	2060	337,3	356,4	374,8	389,6
	22	2280	374,8	395,6	416,5	432,5
	23	2500	411,4	433,9	457,3	474,5
	24	2760	455,6	480,5	506,4	525,5
	25	2940	483,9	510,5	537,2	557,8
	26	3200	528,9	558,1	587,2	610,2
	27	3400	560,5	592,1	623	646,7
	28	3730	618,8	653	687,2	713,4
	29	3960	653	689,6	726,3	753,5
	30	4240	703	742,1	781,3	810,8
	31	4535	751,3	792,9	834,6	866,1
	32	4835	800,4	844,6	889,6	923,1
	33	5110	845,4	892	939,5	974,8
	34	5490	910,4	961,2	1011,2	1049,0
	35	5840	967	1020,4	1074,5	1115,0
	36	6155	1017,8	1074,5	1131,1	1173,0
	37	6355	1052,8	1112	1170,3	1214,0
	38	6825	1133,6	1196,9	1260,2	1307,0
	39	7180	1190,3	1256,9	1322,7	
	40	7480	1246,1	1315,2	1384,3	
	41	7840	1301	1372,7	1445,2	
	42	8335	1390,2	1466,8	1544,3	
	44	8926	1495	1578	1661	
	46	9727	1629	1720	1811	
	48	10601	1777	1875	1974	
	50	11561	1938	2046	2154	
	52	12460	2090	2206	2322	

Octopus 826KF Ropes

STO 71915393-TU 051-2007



Product description:

These ropes are manufactured from bright and galvanized wire, with compacted strands and organic fillers.

Construction:

8x26WS + 6x17S + 1x17S

Advantages:

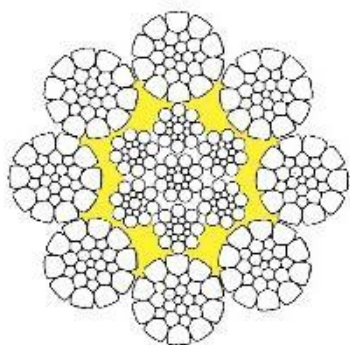
- increased wear resistance of wires
- reduced wear of block grooves
- high tensile strength
- higher lateral compression strength
- organic fillers serve as additional lubrication source
- increased corrosion resistance
- longer operation life

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000m, kg	1770 N/mm ²	1870 N/mm ²	1960 N/mm ²	2160 N/mm ²
K8-EFIWRC 8x26+6x17+1x17 with organic fillers STO 71915393-TU 051-2007			Minimum breaking load, kN			
	38	6898	1133,6	1196,9	1260,2	1307,0
	39	7262	1190,3	1256,9	1322,7	
	40	7561	1246,1	1315,2	1384,3	
	41	7930	1301	1372,7	1445,2	
	42	8427	1390,2	1466,8	1544,3	
	44	9030	1495	1578	1661	
	46	9840	1629	1720	1811	
	48	10724	1777	1875	1974	
	50	11696	1938	2046	2154	
	52	12606	2090	2206	2322	

Octopus 826KP Ropes

STO 71915393-TU 051-2007



Product description:

These ropes are manufactured from bright and galvanized wire, with compacted strands and plastic coated wire rope core.

Construction:

8x26WS + 6x17S + 1x17S

Advantages:

- steadier operation of wire rope elements due to the plastic coated core
- decreased wear of wires at the points of strand contact
- better impact and lateral load resistance
- higher corrosion resistance
- longer operation life

Technical characteristics

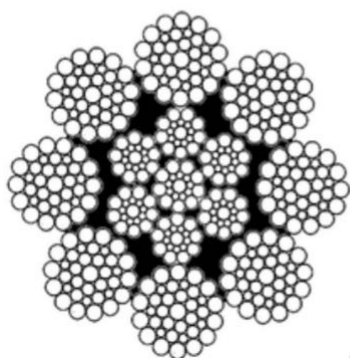
Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm ²			
			1770	1870	1960	2160
			Minimum breaking load, kN			
STO 71915393-TU 051-2007	22	2 310	374	395	416	432,5
	23	2 535	411	433	457	474,5
	24	2 800	455	480	506	525,5
	25	2 980	483	510	537	557,8
	26	3 245	528	558	587	610,2
	27	3 445	560	592	623	646,7
	28	3 780	618	653	687	713,4
	29	4 015	653	689	726	753,5
	30	4 300	703	742	781	810,8
	31	4 600	751	792	834	866,1
	32	4 900	800	844	889	923,1
	33	5 180	845	892	939	974,8
	34	5 565	910	961	1 011	1049,0
	35	5 920	967	1 020	1 074	1115,0
	36	6 240	1 017	1 074	1 131	1173,0
	37	6 445	1 052	1 112	1 170	1214,0
	38	6 920	1 133	1 196	1 260	1307,0
	39	7 280	1 190	1 256	1 322	
	40	7 580	1 246	1 315	1 384	
	41	7 945	1 301	1 372	1 445	
	42	8 450	1 390	1 466	1 544	
	44	9 050	1 495	1 578	1 661	
	46	9 860	1 629	1 720	1 811	
	48	10 745	1 777	1 875	1 974	
	50	11 720	1 938	2 046	2 154	
	52	12 630	2 090	2 206	2 322	

Octopus 8 Ropes

STO 71915393-TU 052-2008

Product description:

These ropes are manufactured from bright or galvanized wire.



Construction:

8x36WS + 6x19S + 1x19S

Advantages:

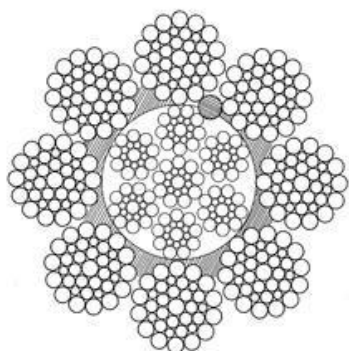
- better flexibility compared with 6 strand ropes
- high tensile strength
- reduced friction between the outer wires of strands and the surface of block grooves

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1670 N/mm2	1770 N/mm2	1860 N/mm2	1960 N/mm2
			Minimum breaking load, kN			
8x36+6x19+1x19						
STO 71915393-TU 052-2008	20	1 727	243	254	268	283
	22	2 163	306	319	337	356
	24	2 521	357	373	393	416
	26	3 031	430	449	474	501
	28	3 446	489	511	539	570
	30	3 930	559	583	616	651
	32	4 589	654	682	720	761
	34	5 179	738	772	815	861
	36	5 747	820	856	903	955
	38	6 382	911	951	1 004	1 061
	39	6 565	940	983	1 037	1 096
	40	6 989	997	1 042	1 099	1 162
	42	7 620	1 089	1 137	1 200	1 268
	44	8 351	1 208	1 261	1 331	1 406
	45,5	9 027	1 292	1 351	1 426	1 507
	46,5	9 586	1 362	1 422	1 501	1 587
	52	11 642	1 667	1 743	1 839	1 944
	57	14 142	2 020	2 112	2 229	2 356
	64	17 637	2 527	2 641	2 788*	2 946*
	76,2	25 128	-	-	4 088*	-

Octopus 8F Ropes

STO 71915393-TU 052-2008



Product description:

These wire ropes are manufactured with organic fillers, and from bright or galvanized wire.

Construction:

8x36WS + 6x19S + 1x19S

Advantages:

- good flexibility compared with 6 strand ropes
- high tensile strength
- reduced friction between the outer wires of strands and the surface of block grooves
- additional lubrication source inside the rope (organic fillers)
- increased corrosion resistance

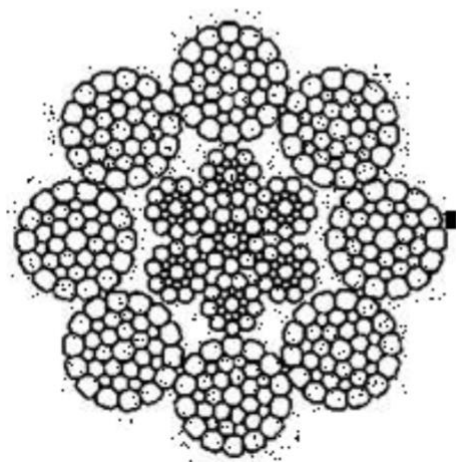
Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm2			
			1670	1770	1860	1960
			Minimum breaking load, kN			
8x36+6x19+1x19 STO 71915393-TU 052-2008						
	39	6 645	940	983	1 037	1 096
	40	7 070	997	1 042	1 099	1 162
	42	7 709	1 089	1 137	1 200	1 268
	44	8 448	1 208	1 261	1 331	1 406
	45,5	9 132	1 292	1 351	1 426	1 507
	46,5	9 702	1 362	1 422	1 501	1 587
	52	11 775	1 667	1 743	1 839	1 944
	57	14 305	2 020	2 112	2 229	2 356
	64	17 835	2 527	2 641	2 788*	2 946*
76,2	25 448	-	-	4 088*	-	

- *Octopus 8F wire ropes grade range 1860-1960 and diameter 64 mm, as well as the ropes grade 1860 and diameter 76,2 are manufactured from bright wire only.

Octopus 8K Ropes

STO 71915393-TU 053-2008



Product description:

These ropes are manufactured with compacted outer strands, from bright or galvanized wire.

Construction:

8x36WS + 6x19S + 1x19S

Advantages:

- good flexibility
- increased wear resistance of wires
- high tensile strength
- reduced wear of block grooves
- increased lateral compression strength

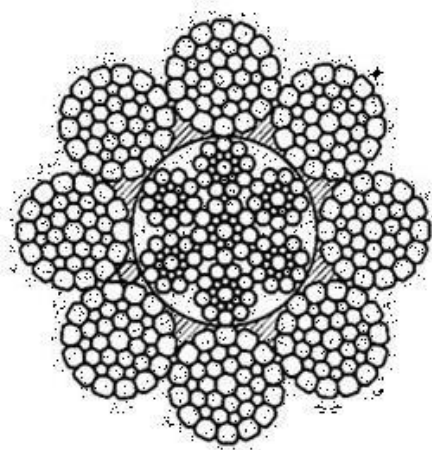
Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1670 N/mm ²	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
			Minimum breaking load, kN			
8-IWRC						
8x36+6x19+1x19						
STO 71915393-TU 053-2008	39	6986	1110	1160	1219	1285
	45,5	9601	1524	1594	1675	1765
	46,5	10176	1615	1689	1775	1871
	52	12507	1984	2077	2182	2300
	57	15081	2393	2505	2632	2774
	64	18728	2962	3099	3257	3432
	67	20509	3252	3404	3577	-
	70	22050	3515	3676	3863	-
	80	29170	4674	4844	5091	-

- *Octopus 8K wire ropes grade range 1670-1960 and diameter 67 and 80 mm, as well as the ropes grade range 1860-1960 and diameter 64 mm are manufactured from bright wire only.

Octopus 8KF Ropes

STO 71915393-TU 053-2008



Product description:

These ropes are manufactured from bright and galvanized wire, with compacted strands and organic fillers.

Construction:

8x36WS + 6x19S + 1x19S

Advantages:

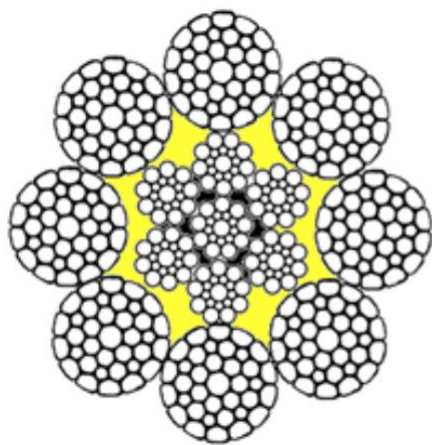
- improved wear resistance of wires
- reduced wear of block grooves
- high tensile strength
- increased lateral compression strength
- organic fillers serve as additional lubrication source
- higher corrosion resistance
- longer operation life

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strenght N/mm2			
			1670 N/mm2	1770 N/mm2	1860 N/mm2	1960 N/mm2
			Minimum breaking load, kN			
K8-EFIWRC						
8x36+6x19+1x19 with organic fillers						
STO 71915393-TU 053-2008	39	7066	1110	1160	1219	1285
	45,5	9705	1524	1594	1675	1765
	46,5	10298	1615	1689	1775	1871
	52	12638	1984	2077	2182	2300
	57	15244	2393	2505	2632	2774
	64	18926	2962	3099	3257	3432
	67	20757	3252	3404	3577	-
	70	22300	3515	3676	3863	-
	80	29520	4674	4844	5091	-

Octopus 8 KP Ropes

STO 71915393-TU 053-2008



Product description:

These ropes are manufactured from bright and galvanized wire, with compacted strands and plastic coated wire rope core.

Construction:

8x36WS + 6x19S + 1x19S

Advantages:

- steadier operation of wire rope elements due to the plastic coated core
- decreased wear of wires at the points of strand contact
- better impact and lateral load resistance
- higher corrosion resistance
- longer operation life

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1670 N/mm ²	1770 N/mm ²	1860 N/mm ²	1960 N/mm ²
			Minimum breaking load, kN			
K8-EPIWRC						
8x36+6x19+1x19						
STO 71915393-TU 053-2008	39	7080	1110	1160	1219	1285
	45,5	9730	1524	1594	1675	1765
	46,5	10315	1615	1689	1775	1871
	52	12680	1984	2077	2182	2300

Octopus 817 Ropes

STO 71915393-TU 072-2009

Product description:

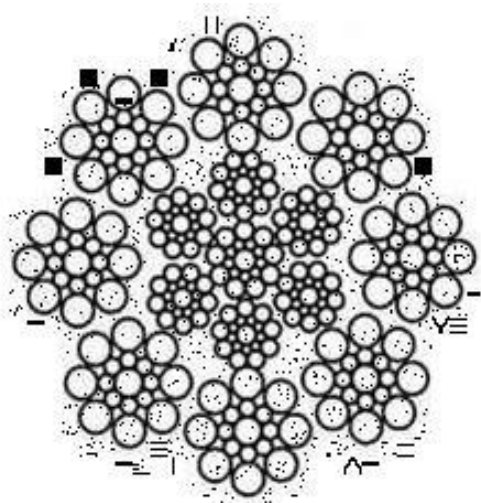
These wire ropes are manufactured of bright or galvanized wire.

Construction:

8x17S + 6x19S + 1x19S

Advantages:

- better flexibility compared with 6 strand ropes
- high tensile strength
- reduced friction between the outer wires of strands and the surface of block grooves

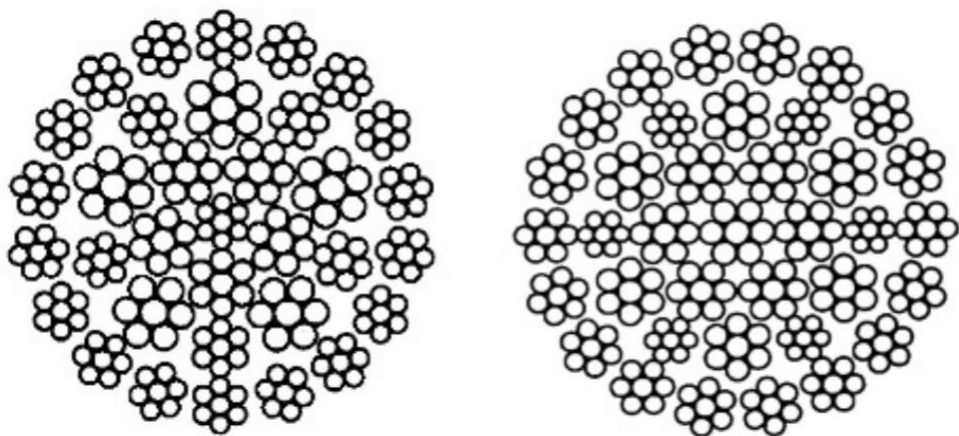


Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm ²		
			1570	1670	1770
			Minimum breaking load, kN		
8x17+6x19 + 1x19					
STO 71915393-TU 072-2009	25	2 630	345	366	388
	28	3 355	441	468	496
	30	3 750	493	524	554
	32	4 285	563	598	633
	35	5 040	666	708	749
	38	6 095	802	853	903

Anaconda 36 Multistrand Ropes

STO 71915393-TU 061-2008, STO 71915393-TU 102-2010



Product description:

These ropes are manufactured from bright or galvanized wire.

Construction:

18x7+5x7/5x7+5x7+1x7 (diameters 18-36 mm)

18x7+6x7/6x7+6x7+1x7 (diameters 38-54 mm)

Advantages:

- excellent flexibility
- high tensile strength
- reduced friction between the outer wires of strands and the surface of block grooves
- no rotation around axis

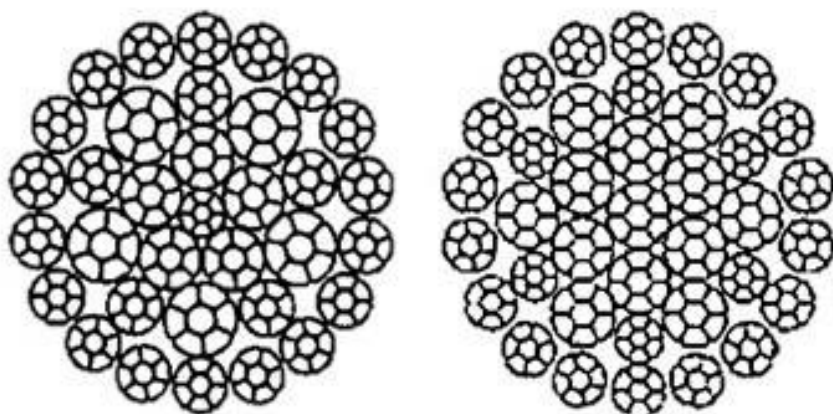
Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm2		
			1770	1960	2160
			Minimum breaking load, kN		
18x7(1+6) + 5x7(1+6)/5x7(1+6) + 5x7(1+6) + 1x7(1+6)					
STO 71915393-TU 061-2008	18	1 452	232	255	277
	19	1 579	259	285	309
	20	1 825	292	321	348
	21	1 967	315	346	376
	22	2 183	350	384	418

$18 \times 7(1+6) + 6 \times 7(1+6)/6 \times 7(1+6) + 6 \times 7(1+6) + 1 \times 7(1+6)$	23	2 366	380	417	453
	24	2 579	414	455	494
	25	2 829	454	499	542
	26	3 085	496	544	592
	27	3 316	533	586	636
	28	3 507	565	620	674
	29	3 720	612	669	729
	30	3 986	643	706	767
	32	4 567	741	813	884
	34	5 097	840	922	1 002
	36	5 723	942	1 035	1 124
STO 71915393-TU 102-2010	38	6 439	1 054	1 130	
	40	7 043	1 154	1 237	
	42	7 770	1 274	1 366	
	44	8 521	1 397	1 498	
	46	9 402	1 545	1 656	
	48	10 245	1 681	1 803	
	50	11 002	1 807	1 937	
	52	11 866	1 949	2 090	
	54	12 841	2 110	2 262	

Anaconda 36 K Multistrand Ropes

STO 71915393-TU 061-2008, STO 71915393-TU 102-2010



Product description:

These ropes are manufactured with compacted outer strands, from bright or galvanized wire.

Construction:

18x7+5x7/5x7+5x7+1x7 (diameters 18-36 mm)

18x7+6x7/6x7+6x7+1x7 (diameters 38-52 mm)

Advantages:

- excellent strength
- high wear resistance
- higher lateral compression strength
- increased area of contact with the rope bearing surface
- reduced friction between the outer wires of strands and the surface of block grooves
- no rotation around axis

Technical characteristics

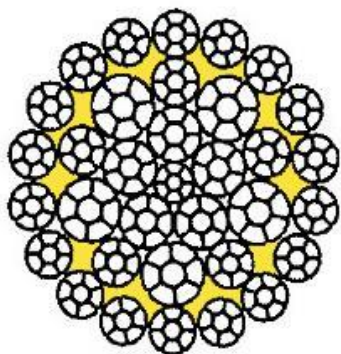
Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm ²	
			1770	1960
			Minimum breaking load, kN	
18x7(1+6) + 5x7(1+6)/5x7(1+6) + 5x7(1+6) + 1x7(1+6)				
STO 71915393-TU 061-2008	18	1 593	261	286
	19	1 801	295	324
	20	1 995	326	358
	21	2 180	358	393
	22	2 410	395	433
	23	2 627	432	474
	24	2 848	469	515
	25	3 100	512	562
	26	3 374	556	610
	27	3 615	596	655
	28	3 883	641	703
	29	4 200	695	760
	30	4 506	742	815
	32	5 199	849	933
	34	5 792	957	1 051
	36	6 484	1 074	1 179
18x7(1+6) + 6x7(1+6)/6x7(1+6) + 6x7(1+6) + 1x7(1+6)				
STO 71915393-TU 102-2010	38	7 166	1 187	1 303
	40	7 918	1 312	1 441
	42	8 716	1 445	1 587
	44	9 513	1 578	1 732
	46	10 622	1 765	1 937
	48	11 554	1 918	2 105
	50	12 357	2 052	2 253
	52	13 331	2 214	2 431

- * Anaconda 36K ropes construction 18x7+6x7/6x7+6x7+1x7 and diameter ε46 mm are manufactured of bright steel only.

Anaconda 36 KP

Multistrand Ropes

STO 71915393-TU 061-2014



Product description:

These ropes are manufactured in diameters range from 18-36 mm, of bright or galvanized wire. Ropes are produced with compacted strands and plastic coated metal core.

Construction:

18x7 (1+6)+5x7 (1+6)/5x7 (1+6)+5x7 (1+6)+1x7 (1+6)

Advantages:

- steadier operation of wire rope elements due to the plastic coated core
- decreased wear of wires at the points of strand contact reduced friction between the outer wires of strands and the surface of block grooves due to increased area of contact with the rope bearing surface
- higher corrosion resistance
- longer operation life
- no rotation around axis

Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	Tensile strength, N/mm2	
			1770	1960
			Minimum breaking load, kN	
18x7(1+6) + 5x7(1+6)/5x7(1+6) + 5x7(1+6) + 1x7(1+6)				
STO 71915393-TU 061-2008	18	1 665	261	286
	19	1 883	295	324
	20	2 085	326	358
	21	2 278	358	393
	22	2 519	395	433
	23	2 746	432	474
	24	2 977	469	515
	25	3 240	512	562
	26	3 526	556	610
	27	3 778	596	655
	28	4 058	641	703
	29	4 390	695	760
	30	4 679	742	815
	32	5 433	849	933
	34	6 053	957	1 051
	36	6 776	1 074	1 179

Anaconda 24 Multistrand Ropes

STO 71915393-TU 064-2008

Product description:

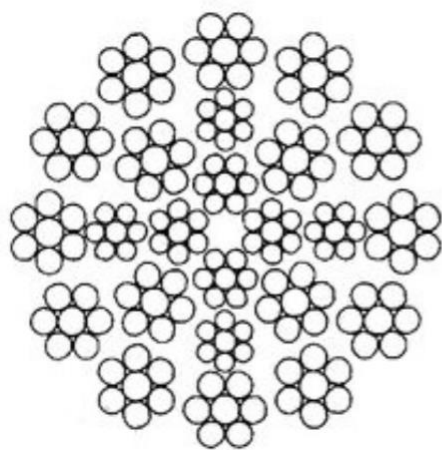
These ropes are manufactured from bright and galvanized wire.

Construction:

12x7+4x7/4x7+4x7

Advantages:

- excellent flexibility
- high tensile strength
- reduced friction between the outer wires of strands and the surface of block grooves
- no rotation around axis



Technical characteristics

Construction, standard	Diameter, mm	Weight 1000 m, kg	1770 N/mm ²	1960 N/mm ²	2160 N/mm ²
			Minimum breaking load, kN		
12x7+4x7/4x7+4x7					
STO 71915393-TU 064-2008	14	847	133	148	163
	15	975	154	170	187
	16	1 099	173	193	211
	17	1 252	197	218	240
	18	1 398	219	244	268
	19	1 558	245	272	299
	20	1 734	272	303	333





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