

## Steel Wire Rope ROPETEX S65 6x36WS

### Product information

**ROPETEX**



ROPETEX S65 (and S16) steel wire ropes are the most commonly used type of steel wire ropes in the range from 8 to 38 mm. Both can be used for a variety of applications. Available as S65 with Independent Wire Rope Core (IWRC) or as S16 with Fiber Core (FC). S65 is less flexible but has higher strength and is more dimensionally stable, especially when used on sheaves or drums. S16 is more flexible but has a lower breaking strength.

#### Typical applications:

- Wire rope sling
- Winch rope
- Hoisting installations
- Lifting applications
- Lifting rope
- Mooring rope
- Towing rope
- Cranes
- Hoists

Available in Right Hand Ordinary Lay (RHOL) and Left Hand Ordinary Lay (LHOL).

#### Alternatives:

- ROPETEX S16 is a very comparable rope with a Fiber Core (FC) instead of an Independent Steel Wire Rope Core (IWRC);

**Rope construction:** 6x36WS-IWRC

**Marking:** According to standard

**Temperature range:** -40°C up to +200°C, for operating temperatures between 100°C and 200°C reduce MBF by minus 10 %

**Standard:** EN 12385-4

**Fill factor:** 0,58

**RCN:** 09

General use



Winch rope



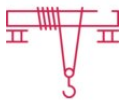
Crawler crane



Piling crane



Overhead cranes



STS crane



Straddle carrier



RTG



Ladle crane



Mobile port crane



Loading crane



Container crane



Offshore crane



Tower crane



Stay rope



Slings



Part Code	Rope Diameter,	Tensile strength N/mm <sup>2</sup>	Steel area mm <sup>2</sup>	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
101100804270028	8	1,960	29.4	44.7	Galvanized	sZ	26
101100803070021	8	1,960	29.4	44.7	Bright	zS	26.2
101100804070022	8	1,960	29.4	44.7	Bright	sZ	26.2
101100803270022	8	1,960	29.4	44.7	Galvanized	zS	26.2
101100804270022	8	1,960	29.4	44.7	Galvanized	sZ	26.2
101100804270020	8	1,960	29.4	44.7	Galvanized	sZ	26.2
101100804270021	8	1,960	29.4	44.7	Galvanized	sZ	26.2
101100803270021	8	1,960	29.4	44.7	Galvanized	zS	26.2
101100903070021	9	1,960	37.3	56.5	Bright	zS	33.1
101100904070022	9	1,960	37.3	56.5	Bright	sZ	33.1
101100903270022	9	1,960	37.3	56.5	Galvanized	zS	33.1
101100904270022	9	1,960	37.3	56.5	Galvanized	sZ	33.1

101100904270020	9	1,960	37.3	56.5	Galvanized	sZ	33.1
101100904270021	9	1,960	37.3	56.5	Galvanized	sZ	33.1
101100903270021	9	1,960	37.3	56.5	Galvanized	zS	33.1
101101003070021	10	1,960	46	69.8	Bright	zS	40.9
101101004070022	10	1,960	46	69.8	Bright	sZ	40.9
101101003270022	10	1,960	46	69.8	Galvanized	zS	40.9
101101004270022	10	1,960	46	69.8	Galvanized	sZ	40.9
101101004070023	10	1,960	46	69.8	Bright	sZ	40.9
101101004270020	10	1,960	46	69.8	Galvanized	sZ	40.9
101101004270021	10	1,960	46	69.8	Galvanized	sZ	40.9
101101003270021	10	1,960	46	69.8	Galvanized	zS	40.9
101101004270028	10	1,960	46	69.8	Galvanized	sZ	41
101101103070021	11	1,960	55.7	84.4	Bright	zS	49.5
101101104070022	11	1,960	55.7	84.4	Bright	sZ	49.5
101101103270022	11	1,960	55.7	84.4	Galvanized	zS	49.5
101101104270022	11	1,960	55.7	84.4	Galvanized	sZ	49.5
101101104270021	11	1,960	55.7	84.4	Galvanized	sZ	49.5
101101103270021	11	1,960	55.7	84.4	Galvanized	zS	49.5
101101203070021	12	1,960	66.2	100	Bright	zS	58.9
101101204070022	12	1,960	66.2	100	Bright	sZ	58.9
101101203270022	12	1,960	66.2	100	Galvanized	zS	58.9
101101204270022	12	1,960	66.2	100	Galvanized	sZ	58.9
101101204070023	12	1,960	66.2	100	Bright	sZ	58.9

101101204270020	12	1,960	66.2	100	Galvanized	sZ	58.9
101101204270021	12	1,960	66.2	100	Galvanized	sZ	58.9
101101203270021	12	1,960	66.2	100	Galvanized	zS	58.9
101101204270028	12	1,960	66.2	100	Galvanized	sZ	59
101101303070021	13	1,960	77.7	118	Bright	zS	69.1
101101304070022	13	1,960	77.7	118	Bright	sZ	69.1
101101303270022	13	1,960	77.7	118	Galvanized	zS	69.1
101101304270022	13	1,960	77.7	118	Galvanized	sZ	69.1
101101304270021	13	1,960	77.7	118	Galvanized	sZ	69.1
101101303270021	13	1,960	77.7	118	Galvanized	zS	69.1
101101404270028	14	1,960	90.2	137	Galvanized	sZ	80
101101403070021	14	1,960	90.2	137	Bright	zS	80.2
101101404070022	14	1,960	90.2	137	Bright	sZ	80.2
101101403270022	14	1,960	90.2	137	Galvanized	zS	80.2
101101404270022	14	1,960	90.2	137	Galvanized	sZ	80.2
101101404070023	14	1,960	90.2	137	Bright	sZ	80.2
101101404270020	14	1,960	90.2	137	Galvanized	sZ	80.2
101101404270021	14	1,960	90.2	137	Galvanized	sZ	80.2
101101403270021	14	1,960	90.2	137	Galvanized	zS	80.2
101101603070021	16	1,960	118	179	Bright	zS	105
101101604070022	16	1,960	118	179	Bright	sZ	105
101101603270022	16	1,960	118	179	Galvanized	zS	105
101101604270022	16	1,960	118	179	Galvanized	sZ	105

101101604070023	16	1,960	118	179	Bright	sZ	105
101101604270020	16	1,960	118	179	Galvanized	sZ	105
101101604270021	16	1,960	118	179	Galvanized	sZ	105
101101603270021	16	1,960	118	179	Galvanized	zS	105
101101703070021	17	1,960	133	202	Bright	zS	118
101101704070022	17	1,960	133	202	Bright	sZ	118
101101703270022	17	1,960	133	202	Galvanized	zS	118
101101704270022	17	1,960	133	202	Galvanized	sZ	118
101101704270021	17	1,960	133	202	Galvanized	sZ	118
101101703270021	17	1,960	133	202	Galvanized	zS	118
101101803070021	18	1,960	149	226	Bright	zS	133
101101804070022	18	1,960	149	226	Bright	sZ	133
101101803270022	18	1,960	149	226	Galvanized	zS	133
101101804270022	18	1,960	149	226	Galvanized	sZ	133
101101804270028	18	1,960	149	226	Galvanized	sZ	133
101101804070023	18	1,960	149	226	Bright	sZ	133
101101804270021	18	1,960	149	226	Galvanized	sZ	133
101101803270021	18	1,960	149	226	Galvanized	zS	133
101101903070021	19	1,960	166	252	Bright	zS	148
101101904070022	19	1,960	166	252	Bright	sZ	148
101101903270022	19	1,960	166	252	Galvanized	zS	148
101101904270022	19	1,960	166	252	Galvanized	sZ	148
101101904270021	19	1,960	166	252	Galvanized	sZ	148

101101903270021	19	1,960	166	252	Galvanized	zS	148
101102003070021	20	1,960	184	279	Bright	zS	164
101102004070022	20	1,960	184	279	Bright	sZ	164
101102003270022	20	1,960	184	279	Galvanized	zS	164
101102004270022	20	1,960	184	279	Galvanized	sZ	164
101102004270028	20	1,960	184	279	Galvanized	sZ	164
101102004070023	20	1,960	184	279	Bright	sZ	164
101102004270020	20	1,960	184	279	Galvanized	sZ	164
101102004270021	20	1,960	184	279	Galvanized	sZ	164
101102003270021	20	1,960	184	279	Galvanized	zS	164
101102203070021	22	1,960	223	338	Bright	zS	198
101102204070022	22	1,960	223	338	Bright	sZ	198
101102203270022	22	1,960	223	338	Galvanized	zS	198
101102204270022	22	1,960	223	338	Galvanized	sZ	198
101102204070023	22	1,960	223	338	Bright	sZ	198
101102204270021	22	1,960	223	338	Galvanized	sZ	198
101102203270021	22	1,960	223	338	Galvanized	zS	198
101102403070021	24	1,960	265	402	Bright	zS	236
101102404070022	24	1,960	265	402	Bright	sZ	236
101102403270022	24	1,960	265	402	Galvanized	zS	236
101102404270022	24	1,960	265	402	Galvanized	sZ	236
101102403070023	24	1,960	265	402	Bright	zS	236
101102404070023	24	1,960	265	402	Bright	sZ	236

101102404270021	24	1,960	265	402	Galvanized	sZ	236
101102403270021	24	1,960	265	402	Galvanized	zS	236
101102504070023	25	1,960	288	436	Bright	sZ	256
101102504270023	25	1,960	288	436	Galvanized	sZ	256
101102603070021	26	1,960	311	472	Bright	zS	276
101102604070022	26	1,960	311	472	Bright	sZ	276
101102603270022	26	1,960	311	472	Galvanized	zS	276
101102604270022	26	1,960	311	472	Galvanized	sZ	276
101102603070023	26	1,960	311	472	Bright	zS	276
101102604070023	26	1,960	311	472	Bright	sZ	276
101102604270020	26	1,960	311	472	Galvanized	sZ	276
101102604270021	26	1,960	311	472	Galvanized	sZ	276
101102603270021	26	1,960	311	472	Galvanized	zS	276
101102803070021	28	1,960	361	547	Bright	zS	321
101102804070022	28	1,960	361	547	Bright	sZ	321
101102803270022	28	1,960	361	547	Galvanized	zS	321
101102804270022	28	1,960	361	547	Galvanized	sZ	321
101102804270028	28	1,960	361	547	Galvanized	sZ	321
101102803070023	28	1,960	361	547	Bright	zS	321
101102804070023	28	1,960	361	547	Bright	sZ	321
101102804270021	28	1,960	361	547	Galvanized	sZ	321
101102803270021	28	1,960	361	547	Galvanized	zS	321
101103003070021	30	1,960	414	628	Bright	zS	368

101103003270022	30	1,960	414	628	Galvanized	zS	368
101103003270021	30	1,960	414	628	Galvanized	zS	368
101103004070022	30	1,960	414	629	Bright	sZ	368
101103004270022	30	1,960	414	629	Galvanized	sZ	368
101103004270021	30	1,960	414	629	Galvanized	sZ	368
101103203070021	32	1,960	471	715	Bright	zS	419
101103204070022	32	1,960	471	715	Bright	sZ	419
101103203270022	32	1,960	471	715	Galvanized	zS	419
101103204270022	32	1,960	471	715	Galvanized	sZ	419
101103203070023	32	1,960	471	715	Bright	zS	419
101103204070023	32	1,960	471	715	Bright	sZ	419
101103204270021	32	1,960	471	715	Galvanized	sZ	419
101103203270021	32	1,960	471	715	Galvanized	zS	419
101103403070021	34	1,960	532	807	Bright	zS	473
101103404070022	34	1,960	532	807	Bright	sZ	473
101103403270022	34	1,960	532	807	Galvanized	zS	473
101103404270022	34	1,960	532	807	Galvanized	sZ	473
101103404270021	34	1,960	532	807	Galvanized	sZ	473
101103403270021	34	1,960	532	807	Galvanized	zS	473
101103504070022	35	1,960	564	855	Bright	sZ	501
101103504270022	35	1,960	564	855	Galvanized	sZ	501
101103603070021	36	1,960	596	904	Bright	zS	530
101103604070022	36	1,960	596	904	Bright	sZ	530



101103603270022	36	1,960	596	904	Galvanized	zS	530
101103604270022	36	1,960	596	904	Galvanized	sZ	530
101103604270021	36	1,960	596	904	Galvanized	sZ	530
101103603270021	36	1,960	596	904	Galvanized	zS	530
101103604270028	36	1,960	-	-	Galvanized	sZ	-
101103804270022	38	1,960	664	1,008	Galvanized	sZ	591
101103803070021	38	1,960	664	1,010	Bright	zS	591
101103804070022	38	1,960	664	1,010	Bright	sZ	591
101103803270022	38	1,960	664	1,010	Galvanized	zS	591
101103803070022	38	1,960	664	1,010	Bright	zS	591
101103803270021	38	1,960	664	1,010	Galvanized	zS	591
101103804270021	38	1,960	664	1,010	Galvanized	sZ	591
101103803270021	38	1,960	664	1,010	Galvanized	zS	591
101104004270021	40	1,960	736	1,120	Galvanized	sZ	654
101104003270021	40	1,960	736	1,120	Galvanized	zS	654
101104004270022	40	1,960	736	1,120	Galvanized	sZ	654
101104403270021	44	1,960	891	1,250	Galvanized	zS	792
101104404270021	44	1,960	891	1,350	Galvanized	sZ	792
101104803270021	48	1,960	1,060	1,610	Galvanized	zS	942
101104804270021	48	1,960	1,060	1,610	Galvanized	sZ	942
101105204270021	52	1,960	1,244	1,890	Galvanized	sZ	1,106
101105604270021	56	1,960	1,443	2,190	Galvanized	sZ	1,283
101106004270021	60	1,960	1,656	2,510	Galvanized	sZ	1,472

101106404270021	64	1,960	1,884	2,860	Galvanized	sZ	1,675
101106803270021	68	1,960	2,127	3,230	Galvanized	zS	1,891
101106804270021	68	1,960	2,127	3,230	Galvanized	sZ	1,891