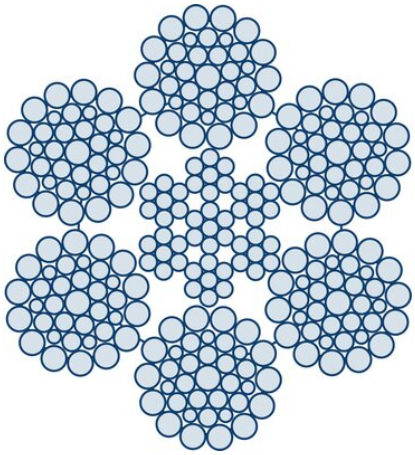
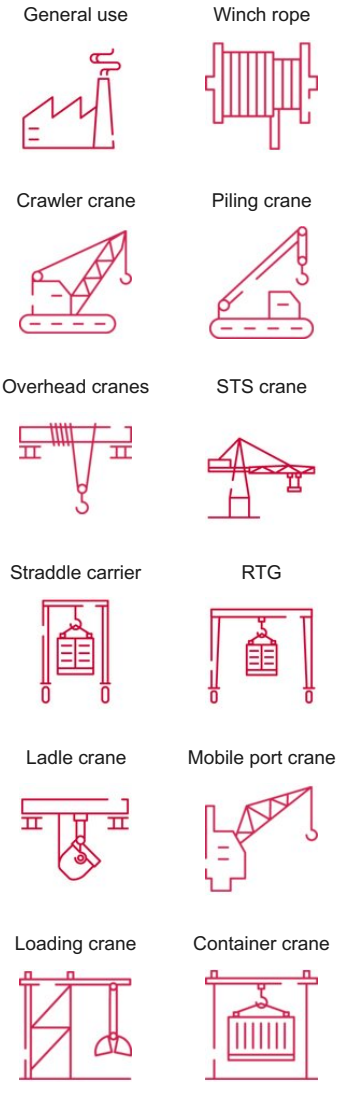
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# Steel Wire Rope ROPETEX S65 6x36WS

**Product information**






ROPETEX

sZ zS zZ sS G

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);

... *Read more*

**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, AS 3569

**Fill factor:** 0,58
**RCN:** 09

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# Steel Wire Rope ROPETEX S65 6x36WS

Offshore crane



Tower crane



Stay rope



Slings



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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101100804270028 | 8 | 1,960 | Galvanized | sZ | 44.7 | 29.4 | No-Lube | 26 |
| 101100803270022 | 8 | 1,960 | Galvanized | zS | 44.7 | 29.4 | A-2 | 26.2 |
| 101100804270022 | 8 | 1,960 | Galvanized | sZ | 44.7 | 29.4 | A-2 | 26.2 |
| 101100804270020 | 8 | 1,960 | Galvanized | sZ | 44.7 | 29.4 | Dry | 26.2 |
| 101100804270021 | 8 | 1,960 | Galvanized | sZ | 44.7 | 29.4 | A-1 | 26.2 |
| 101100803270021 | 8 | 1,960 | Galvanized | zS | 44.7 | 29.4 | A-1 | 26.2 |
| 101100903270022 | 9 | 1,960 | Galvanized | zS | 56.5 | 37.3 | A-2 | 33.1 |
| 101100904270022 | 9 | 1,960 | Galvanized | sZ | 56.5 | 37.3 | A-2 | 33.1 |
| 101100904270020 | 9 | 1,960 | Galvanized | sZ | 56.5 | 37.3 | Dry | 33.1 |
| 101100904270021 | 9 | 1,960 | Galvanized | sZ | 56.5 | 37.3 | A-1 | 33.1 |
| 101100903270021 | 9 | 1,960 | Galvanized | zS | 56.5 | 37.3 | A-1 | 33.1 |
| 101101003270022 | 10 | 1,960 | Galvanized | zS | 69.8 | 46 | A-2 | 40.9 |
| 101101004270022 | 10 | 1,960 | Galvanized | sZ | 69.8 | 46 | A-2 | 40.9 |
| 101101004070023 | 10 | 1,960 | Bright | sZ | 69.8 | 46 | A-3 | 40.9 |
| 101101004270020 | 10 | 1,960 | Galvanized | sZ | 69.8 | 46 | Dry | 40.9 |
| 101101004270021 | 10 | 1,960 | Galvanized | sZ | 69.8 | 46 | A-1 | 40.9 |
| 101101003270021 | 10 | 1,960 | Galvanized | zS | 69.8 | 46 | A-1 | 40.9 |
| 101101004270028 | 10 | 1,960 | Galvanized | sZ | 69.8 | 46 | No-Lube | 41 |
| 101101103270022 | 11 | 1,960 | Galvanized | zS | 84.4 | 55.7 | A-2 | 49.5 |
| 101101104270022 | 11 | 1,960 | Galvanized | sZ | 84.4 | 55.7 | A-2 | 49.5 |
| 101101104270021 | 11 | 1,960 | Galvanized | sZ | 84.4 | 55.7 | A-1 | 49.5 |
| 101101103270021 | 11 | 1,960 | Galvanized | zS | 84.4 | 55.7 | A-1 | 49.5 |
| 101101203270022 | 12 | 1,960 | Galvanized | zS | 100 | 66.2 | A-2 | 58.9 |
| 101101204270022 | 12 | 1,960 | Galvanized | sZ | 100 | 66.2 | A-2 | 58.9 |
| 101101204070023 | 12 | 1,960 | Bright | sZ | 100 | 66.2 | A-3 | 58.9 |
| 101101204270020 | 12 | 1,960 | Galvanized | sZ | 100 | 66.2 | Dry | 58.9 |
| 101101204270021 | 12 | 1,960 | Galvanized | sZ | 100 | 66.2 | A-1 | 58.9 |
| 101101203270021 | 12 | 1,960 | Galvanized | zS | 100 | 66.2 | A-1 | 58.9 |
| 101101204270028 | 12 | 1,960 | Galvanized | sZ | 100 | 66.2 | No-Lube | 59 |
| 101101303270022 | 13 | 1,960 | Galvanized | zS | 118 | 77.7 | A-2 | 69.1 |
| 101101304270022 | 13 | 1,960 | Galvanized | sZ | 118 | 77.7 | A-2 | 69.1 |

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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101101304270021 | 13 | 1,960 | Galvanized | sZ | 118 | 77.7 | A-1 | 69.1 |
| 101101303270021 | 13 | 1,960 | Galvanized | zS | 118 | 77.7 | A-1 | 69.1 |
| 101101404270028 | 14 | 1,960 | Galvanized | sZ | 137 | 90.2 | No-Lube | 80 |
| 101101403270022 | 14 | 1,960 | Galvanized | zS | 137 | 90.2 | A-2 | 80.2 |
| 101101404270022 | 14 | 1,960 | Galvanized | sZ | 137 | 90.2 | A-2 | 80.2 |
| 101101404070023 | 14 | 1,960 | Bright | sZ | 137 | 90.2 | A-3 | 80.2 |
| 101101404270020 | 14 | 1,960 | Galvanized | sZ | 137 | 90.2 | Dry | 80.2 |
| 101101404270021 | 14 | 1,960 | Galvanized | sZ | 137 | 90.2 | A-1 | 80.2 |
| 101101403270021 | 14 | 1,960 | Galvanized | zS | 137 | 90.2 | A-1 | 80.2 |
| 101101603070021 | 16 | 1,960 | Bright | zS | 179 | 118 | A-1 | 105 |
| 101101604070022 | 16 | 1,960 | Bright | sZ | 179 | 118 | A-2 | 105 |
| 101101603270022 | 16 | 1,960 | Galvanized | zS | 179 | 118 | A-2 | 105 |
| 101101604270022 | 16 | 1,960 | Galvanized | sZ | 179 | 118 | A-2 | 105 |
| 101101604070023 | 16 | 1,960 | Bright | sZ | 179 | 118 | A-3 | 105 |
| 101101604270020 | 16 | 1,960 | Galvanized | sZ | 179 | 118 | Dry | 105 |
| 101101604270021 | 16 | 1,960 | Galvanized | sZ | 179 | 118 | A-1 | 105 |
| 101101603270021 | 16 | 1,960 | Galvanized | zS | 179 | 118 | A-1 | 105 |
| 101101703070021 | 17 | 1,960 | Bright | zS | 202 | 133 | A-1 | 118 |
| 101101704070022 | 17 | 1,960 | Bright | sZ | 202 | 133 | A-2 | 118 |
| 101101703270022 | 17 | 1,960 | Galvanized | zS | 202 | 133 | A-2 | 118 |
| 101101704270022 | 17 | 1,960 | Galvanized | sZ | 202 | 133 | A-2 | 118 |
| 101101704270021 | 17 | 1,960 | Galvanized | sZ | 202 | 133 | A-1 | 118 |
| 101101703270021 | 17 | 1,960 | Galvanized | zS | 202 | 133 | A-1 | 118 |
| 101101803070021 | 18 | 1,960 | Bright | zS | 226 | 149 | A-1 | 133 |
| 101101804070022 | 18 | 1,960 | Bright | sZ | 226 | 149 | A-2 | 133 |
| 101101803270022 | 18 | 1,960 | Galvanized | zS | 226 | 149 | A-2 | 133 |
| 101101804270022 | 18 | 1,960 | Galvanized | sZ | 226 | 149 | A-2 | 133 |
| 101101804270028 | 18 | 1,960 | Galvanized | sZ | 226 | 149 | No-Lube | 133 |
| 101101804070023 | 18 | 1,960 | Bright | sZ | 226 | 149 | A-3 | 133 |
| 101101804270021 | 18 | 1,960 | Galvanized | sZ | 226 | 149 | A-1 | 133 |
| 101101803270021 | 18 | 1,960 | Galvanized | zS | 226 | 149 | A-1 | 133 |

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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101101903070021 | 19 | 1,960 | Bright | zS | 252 | 166 | A-1 | 148 |
| 101101904070022 | 19 | 1,960 | Bright | sZ | 252 | 166 | A-2 | 148 |
| 101101903270022 | 19 | 1,960 | Galvanized | zS | 252 | 166 | A-2 | 148 |
| 101101904270022 | 19 | 1,960 | Galvanized | sZ | 252 | 166 | A-2 | 148 |
| 101101904270021 | 19 | 1,960 | Galvanized | sZ | 252 | 166 | A-1 | 148 |
| 101101903270021 | 19 | 1,960 | Galvanized | zS | 252 | 166 | A-1 | 148 |
| 101102003070021 | 20 | 1,960 | Bright | zS | 279 | 184 | A-1 | 164 |
| 101102004070022 | 20 | 1,960 | Bright | sZ | 279 | 184 | A-2 | 164 |
| 101102003270022 | 20 | 1,960 | Galvanized | zS | 279 | 184 | A-2 | 164 |
| 101102004270022 | 20 | 1,960 | Galvanized | sZ | 279 | 184 | A-2 | 164 |
| 101102004270028 | 20 | 1,960 | Galvanized | sZ | 279 | 184 | No-Lube | 164 |
| 101102004070023 | 20 | 1,960 | Bright | sZ | 279 | 184 | A-3 | 164 |
| 101102004270020 | 20 | 1,960 | Galvanized | sZ | 279 | 184 | Dry | 164 |
| 101102004270021 | 20 | 1,960 | Galvanized | sZ | 279 | 184 | A-1 | 164 |
| 101102003270021 | 20 | 1,960 | Galvanized | zS | 279 | 184 | A-1 | 164 |
| 101102203070021 | 22 | 1,960 | Bright | zS | 338 | 223 | A-1 | 198 |
| 101102204070022 | 22 | 1,960 | Bright | sZ | 338 | 223 | A-2 | 198 |
| 101102203270022 | 22 | 1,960 | Galvanized | zS | 338 | 223 | A-2 | 198 |
| 101102204270022 | 22 | 1,960 | Galvanized | sZ | 338 | 223 | A-2 | 198 |
| 101102204070023 | 22 | 1,960 | Bright | sZ | 338 | 223 | A-3 | 198 |
| 101102204270021 | 22 | 1,960 | Galvanized | sZ | 338 | 223 | A-1 | 198 |
| 101102203270021 | 22 | 1,960 | Galvanized | zS | 338 | 223 | A-1 | 198 |
| 101102403070021 | 24 | 1,960 | Bright | zS | 402 | 265 | A-1 | 236 |
| 101102404070022 | 24 | 1,960 | Bright | sZ | 402 | 265 | A-2 | 236 |
| 101102403270022 | 24 | 1,960 | Galvanized | zS | 402 | 265 | A-2 | 236 |
| 101102404270022 | 24 | 1,960 | Galvanized | sZ | 402 | 265 | A-2 | 236 |
| 101102403070023 | 24 | 1,960 | Bright | zS | 402 | 265 | A-3 | 236 |
| 101102404070023 | 24 | 1,960 | Bright | sZ | 402 | 265 | A-3 | 236 |
| 101102404270021 | 24 | 1,960 | Galvanized | sZ | 402 | 265 | A-1 | 236 |
| 101102403270021 | 24 | 1,960 | Galvanized | zS | 402 | 265 | A-1 | 236 |
| 101102504070023 | 25 | 1,960 | Bright | sZ | 436 | 288 | A-3 | 256 |

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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101102504270023 | 25 | 1,960 | Galvanized | sZ | 436 | 288 | A-3 | 256 |
| 101102603070021 | 26 | 1,960 | Bright | zS | 472 | 311 | A-1 | 276 |
| 101102604070022 | 26 | 1,960 | Bright | sZ | 472 | 311 | A-2 | 276 |
| 101102603270022 | 26 | 1,960 | Galvanized | zS | 472 | 311 | A-2 | 276 |
| 101102604270022 | 26 | 1,960 | Galvanized | sZ | 472 | 311 | A-2 | 276 |
| 101102603070023 | 26 | 1,960 | Bright | zS | 472 | 311 | A-3 | 276 |
| 101102604070023 | 26 | 1,960 | Bright | sZ | 472 | 311 | A-3 | 276 |
| 101102604270020 | 26 | 1,960 | Galvanized | sZ | 472 | 311 | Dry | 276 |
| 101102604270021 | 26 | 1,960 | Galvanized | sZ | 472 | 311 | A-1 | 276 |
| 101102603270021 | 26 | 1,960 | Galvanized | zS | 472 | 311 | A-1 | 276 |
| 101102803070021 | 28 | 1,960 | Bright | zS | 547 | 361 | A-1 | 321 |
| 101102804070022 | 28 | 1,960 | Bright | sZ | 547 | 361 | A-2 | 321 |
| 101102803270022 | 28 | 1,960 | Galvanized | zS | 547 | 361 | A-2 | 321 |
| 101102804270022 | 28 | 1,960 | Galvanized | sZ | 547 | 361 | A-2 | 321 |
| 101102804270028 | 28 | 1,960 | Galvanized | sZ | 547 | 361 | No-Lube | 321 |
| 101102803070023 | 28 | 1,960 | Bright | zS | 547 | 361 | A-3 | 321 |
| 101102804070023 | 28 | 1,960 | Bright | sZ | 547 | 361 | A-3 | 321 |
| 101102804270021 | 28 | 1,960 | Galvanized | sZ | 547 | 361 | A-1 | 321 |
| 101102803270021 | 28 | 1,960 | Galvanized | zS | 547 | 361 | A-1 | 321 |
| 101103003070021 | 30 | 1,960 | Bright | zS | 628 | 414 | A-1 | 368 |
| 101103003270022 | 30 | 1,960 | Galvanized | zS | 628 | 414 | A-2 | 368 |
| 101103003270021 | 30 | 1,960 | Galvanized | zS | 628 | 414 | A-1 | 368 |
| 101103004070022 | 30 | 1,960 | Bright | sZ | 629 | 414 | A-2 | 368 |
| 101103004270022 | 30 | 1,960 | Galvanized | sZ | 629 | 414 | A-2 | 368 |
| 101103004270021 | 30 | 1,960 | Galvanized | sZ | 629 | 414 | A-1 | 368 |
| 101103203070021 | 32 | 1,960 | Bright | zS | 715 | 471 | A-1 | 419 |
| 101103204070022 | 32 | 1,960 | Bright | sZ | 715 | 471 | A-2 | 419 |
| 101103203270022 | 32 | 1,960 | Galvanized | zS | 715 | 471 | A-2 | 419 |
| 101103204270022 | 32 | 1,960 | Galvanized | sZ | 715 | 471 | A-2 | 419 |
| 101103203070023 | 32 | 1,960 | Bright | zS | 715 | 471 | A-3 | 419 |
| 101103204070023 | 32 | 1,960 | Bright | sZ | 715 | 471 | A-3 | 419 |

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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101103204270021 | 32 | 1,960 | Galvanized | sZ | 715 | 471 | A-1 | 419 |
| 101103203270021 | 32 | 1,960 | Galvanized | zS | 715 | 471 | A-1 | 419 |
| 101103403070021 | 34 | 1,960 | Bright | zS | 807 | 532 | A-1 | 473 |
| 101103404070022 | 34 | 1,960 | Bright | sZ | 807 | 532 | A-2 | 473 |
| 101103403270022 | 34 | 1,960 | Galvanized | zS | 807 | 532 | A-2 | 473 |
| 101103404270022 | 34 | 1,960 | Galvanized | sZ | 807 | 532 | A-2 | 473 |
| 101103404270021 | 34 | 1,960 | Galvanized | sZ | 807 | 532 | A-1 | 473 |
| 101103403270021 | 34 | 1,960 | Galvanized | zS | 807 | 532 | A-1 | 473 |
| 101103504070022 | 35 | 1,960 | Bright | sZ | 855 | 564 | A-2 | 501 |
| 101103504270022 | 35 | 1,960 | Galvanized | sZ | 855 | 564 | A-2 | 501 |
| 101103603070021 | 36 | 1,960 | Bright | zS | 904 | 596 | A-1 | 530 |
| 101103604070022 | 36 | 1,960 | Bright | sZ | 904 | 596 | A-2 | 530 |
| 101103603270022 | 36 | 1,960 | Galvanized | zS | 904 | 596 | A-2 | 530 |
| 101103604270022 | 36 | 1,960 | Galvanized | sZ | 904 | 596 | A-2 | 530 |
| 101103604270021 | 36 | 1,960 | Galvanized | sZ | 904 | 596 | A-1 | 530 |
| 101103603270021 | 36 | 1,960 | Galvanized | zS | 904 | 596 | A-1 | 530 |
| 101103604270028 | 36 | 1,960 | Galvanized | sZ | - | - | No-Lube | - |
| 101103804270022 | 38 | 1,960 | Galvanized | sZ | 1,008 | 664 | A-2 | 591 |
| 101103803070021 | 38 | 1,960 | Bright | zS | 1,010 | 664 | A-1 | 591 |
| 101103804070022 | 38 | 1,960 | Bright | sZ | 1,010 | 664 | A-2 | 591 |
| 101103803270022 | 38 | 1,960 | Galvanized | zS | 1,010 | 664 | A-2 | 591 |
| 101103803070022 | 38 | 1,960 | Bright | zS | 1,010 | 664 | A-2 | 591 |
| 101103803270021 | 38 | 1,960 | Galvanized | zS | 1,010 | 664 | A-1 | 591 |
| 101103804270021 | 38 | 1,960 | Galvanized | sZ | 1,010 | 664 | A-1 | 591 |
| 101103803270021 | 38 | 1,960 | Galvanized | zS | 1,010 | 664 | A-1 | 591 |
| 101104004270021 | 40 | 1,960 | Galvanized | sZ | 1,120 | 736 | A-1 | 654 |
| 101104003270021 | 40 | 1,960 | Galvanized | zS | 1,120 | 736 | A-1 | 654 |
| 101104004270022 | 40 | 1,960 | Galvanized | sZ | 1,120 | 736 | A-2 | 654 |
| 101104403270021 | 44 | 1,960 | Galvanized | zS | 1,250 | 891 | A-1 | 792 |
| 101104404270021 | 44 | 1,960 | Galvanized | sZ | 1,350 | 891 | A-1 | 792 |
| 101104803270021 | 48 | 1,960 | Galvanized | zS | 1,610 | 1,060 | A-1 | 942 |

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# Steel Wire Rope ROPETEX S65 6x36WS

## Technical data

| Part code | Rope diameter mm | Tensile strength N/mm² | Finish | Rope lay | Min. breaking force kN | Steel area mm² | Lubrication | Weight kg/100m |
|---|---|---|---|---|---|---|---|---|
| 101104804270021 | 48 | 1,960 | Galvanized | sZ | 1,610 | 1,060 | A-1 | 942 |
| 101105204270021 | 52 | 1,960 | Galvanized | sZ | 1,890 | 1,244 | A-1 | 1,106 |
| 101105604270021 | 56 | 1,960 | Galvanized | sZ | 2,190 | 1,443 | A-1 | 1,283 |
| 101106004270021 | 60 | 1,960 | Galvanized | sZ | 2,510 | 1,656 | A-1 | 1,472 |
| 101106404270021 | 64 | 1,960 | Galvanized | sZ | 2,860 | 1,884 | A-1 | 1,675 |
| 101106803270021 | 68 | 1,960 | Galvanized | zS | 3,230 | 2,127 | A-1 | 1,891 |
| 101106804270021 | 68 | 1,960 | Galvanized | sZ | 3,230 | 2,127 | A-1 | 1,891 |

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