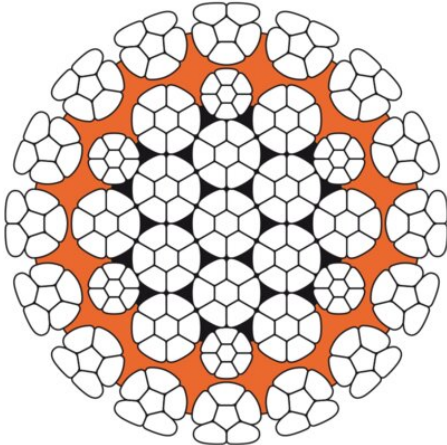


## Steel Wire Rope verotop XP

### Product information



Offshore crane



**Wire rope construction:** verotop XP is a rotary swaged rotation-resistant rope with compacted strands and a rope core covered with a plastic layer.

#### Features:

- The strongest of all rotation-resistant ropes.
- Very stable rope structure and achieves good bending fatigue results.
- It also avoids internal wear and protects the core in corrosive environments.
- Offers superior crushing resistance and best resistance to abrasion.
- Possesses perfect spooling behavior on multilayer drum.

**ISO 4309 Rope Category No:** All Diameters **RCN.23-1**

... [Read more](#)

**Marking:** According to standard

**Standard:** EN 12385-4

**Note:** verotop XP can be used either with or without swivel.

**Fill factor:** 0.745

**RCN:** 23-1

**Tolerance Ø:** +2% to +4%

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104101205070169 | 12                  | 1,960                                 | Bright     | sS       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101206070169 | 12                  | 1,960                                 | Bright     | zZ       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101205270169 | 12                  | 1,960                                 | Galvanized | sS       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101206270169 | 12                  | 1,960                                 | Galvanized | zZ       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101204070169 | 12                  | 1,960                                 | Bright     | sZ       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101204270169 | 12                  | 1,960                                 | Galvanized | sZ       | 140.4                     | 84                            | SupplierStandard | 72                |
| 104101205100169 | 12                  | 2,160                                 | Bright     | sS       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101206100169 | 12                  | 2,160                                 | Bright     | zZ       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101205300169 | 12                  | 2,160                                 | Galvanized | sS       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101206300169 | 12                  | 2,160                                 | Galvanized | zZ       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101204100169 | 12                  | 2,160                                 | Bright     | sZ       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101204300169 | 12                  | 2,160                                 | Galvanized | sZ       | 152.9                     | 84                            | SupplierStandard | 72                |
| 104101275070169 | 12.7                | 1,960                                 | Bright     | sS       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101276070169 | 12.7                | 1,960                                 | Bright     | zZ       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101275270169 | 12.7                | 1,960                                 | Galvanized | sS       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101276270169 | 12.7                | 1,960                                 | Galvanized | zZ       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101274070169 | 12.7                | 1,960                                 | Bright     | sZ       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101274270169 | 12.7                | 1,960                                 | Galvanized | sZ       | 157.2                     | 94                            | SupplierStandard | 81                |
| 104101275100169 | 12.7                | 2,160                                 | Bright     | sS       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101276100169 | 12.7                | 2,160                                 | Bright     | zZ       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101275300169 | 12.7                | 2,160                                 | Galvanized | sS       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101276300169 | 12.7                | 2,160                                 | Galvanized | zZ       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101274100169 | 12.7                | 2,160                                 | Bright     | sZ       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101274300169 | 12.7                | 2,160                                 | Galvanized | sZ       | 171.2                     | 94                            | SupplierStandard | 81                |
| 104101305070169 | 13                  | 1,960                                 | Bright     | sS       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101306070169 | 13                  | 1,960                                 | Bright     | zZ       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101305270169 | 13                  | 1,960                                 | Galvanized | sS       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101306270169 | 13                  | 1,960                                 | Galvanized | zZ       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101304070169 | 13                  | 1,960                                 | Bright     | sZ       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101304270169 | 13                  | 1,960                                 | Galvanized | sZ       | 164.7                     | 99                            | SupplierStandard | 84                |
| 104101305100169 | 13                  | 2,160                                 | Bright     | sS       | 179.4                     | 99                            | SupplierStandard | 84                |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104101306100169 | 13                  | 2,160                                 | Bright     | zZ       | 179.4                     | 99                            | SupplierStandard | 84                |
| 104101305300169 | 13                  | 2,160                                 | Galvanized | sS       | 179.4                     | 99                            | SupplierStandard | 84                |
| 104101306300169 | 13                  | 2,160                                 | Galvanized | zZ       | 179.4                     | 99                            | SupplierStandard | 84                |
| 104101304100169 | 13                  | 2,160                                 | Bright     | sZ       | 179.4                     | 99                            | SupplierStandard | 84                |
| 104101304300169 | 13                  | 2,160                                 | Galvanized | sZ       | 179.4                     | 99                            | SupplierStandard | 84                |
| 104101405070169 | 14                  | 1,960                                 | Bright     | sS       | 191                       | 115                           | SupplierStandard | 98                |
| 104101406070169 | 14                  | 1,960                                 | Bright     | zZ       | 191                       | 115                           | SupplierStandard | 98                |
| 104101405270169 | 14                  | 1,960                                 | Galvanized | sS       | 191                       | 115                           | SupplierStandard | 98                |
| 104101406270169 | 14                  | 1,960                                 | Galvanized | zZ       | 191                       | 115                           | SupplierStandard | 98                |
| 104101404070169 | 14                  | 1,960                                 | Bright     | sZ       | 191                       | 115                           | SupplierStandard | 98                |
| 104101404270169 | 14                  | 1,960                                 | Galvanized | sZ       | 191                       | 115                           | SupplierStandard | 98                |
| 104101405100169 | 14                  | 2,160                                 | Bright     | sS       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101406100169 | 14                  | 2,160                                 | Bright     | zZ       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101405300169 | 14                  | 2,160                                 | Galvanized | sS       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101406300169 | 14                  | 2,160                                 | Galvanized | zZ       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101404100169 | 14                  | 2,160                                 | Bright     | sZ       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101404300169 | 14                  | 2,160                                 | Galvanized | sZ       | 208.1                     | 115                           | SupplierStandard | 98                |
| 104101505070169 | 15                  | 1,960                                 | Bright     | sS       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101506070169 | 15                  | 1,960                                 | Bright     | zZ       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101505270169 | 15                  | 1,960                                 | Galvanized | sS       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101506270169 | 15                  | 1,960                                 | Galvanized | zZ       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101504070169 | 15                  | 1,960                                 | Bright     | sZ       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101504270169 | 15                  | 1,960                                 | Galvanized | sZ       | 219.3                     | 132                           | SupplierStandard | 113               |
| 104101505100169 | 15                  | 2,160                                 | Bright     | sS       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101506100169 | 15                  | 2,160                                 | Bright     | zZ       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101505300169 | 15                  | 2,160                                 | Galvanized | sS       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101506300169 | 15                  | 2,160                                 | Galvanized | zZ       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101504100169 | 15                  | 2,160                                 | Bright     | sZ       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101504300169 | 15                  | 2,160                                 | Galvanized | sZ       | 238.9                     | 132                           | SupplierStandard | 113               |
| 104101605070169 | 16                  | 1,960                                 | Bright     | sS       | 249.6                     | 150                           | SupplierStandard | 128               |
| 104101606070169 | 16                  | 1,960                                 | Bright     | zZ       | 249.6                     | 150                           | SupplierStandard | 128               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104101605270169 | 16                  | 1,960                                 | Galvanized | sS       | 249.6                     | 150                           | SupplierStandard | 128               |
| 104101606270169 | 16                  | 1,960                                 | Galvanized | zZ       | 249.6                     | 150                           | SupplierStandard | 128               |
| 104101604070169 | 16                  | 1,960                                 | Bright     | sZ       | 249.6                     | 150                           | SupplierStandard | 128               |
| 104101604270169 | 16                  | 1,960                                 | Galvanized | sZ       | 249.6                     | 150                           | SupplierStandard | 128               |
| 104101605100169 | 16                  | 2,160                                 | Bright     | sS       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101606100169 | 16                  | 2,160                                 | Bright     | zZ       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101605300169 | 16                  | 2,160                                 | Galvanized | sS       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101606300169 | 16                  | 2,160                                 | Galvanized | zZ       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101604100169 | 16                  | 2,160                                 | Bright     | sZ       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101604300169 | 16                  | 2,160                                 | Galvanized | sZ       | 271.8                     | 150                           | SupplierStandard | 128               |
| 104101705070169 | 17                  | 1,960                                 | Bright     | sS       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101706070169 | 17                  | 1,960                                 | Bright     | zZ       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101705270169 | 17                  | 1,960                                 | Galvanized | sS       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101706270169 | 17                  | 1,960                                 | Galvanized | zZ       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101704070169 | 17                  | 1,960                                 | Bright     | sZ       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101704270169 | 17                  | 1,960                                 | Galvanized | sZ       | 281.7                     | 169                           | SupplierStandard | 145               |
| 104101705100169 | 17                  | 2,160                                 | Bright     | sS       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101706100169 | 17                  | 2,160                                 | Bright     | zZ       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101705300169 | 17                  | 2,160                                 | Galvanized | sS       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101706300169 | 17                  | 2,160                                 | Galvanized | zZ       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101704100169 | 17                  | 2,160                                 | Bright     | sZ       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101704300169 | 17                  | 2,160                                 | Galvanized | sZ       | 306.8                     | 169                           | SupplierStandard | 145               |
| 104101805070169 | 18                  | 1,960                                 | Bright     | sS       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101806070169 | 18                  | 1,960                                 | Bright     | zZ       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101805270169 | 18                  | 1,960                                 | Galvanized | sS       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101806270169 | 18                  | 1,960                                 | Galvanized | zZ       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101804070169 | 18                  | 1,960                                 | Bright     | sZ       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101804270169 | 18                  | 1,960                                 | Galvanized | sZ       | 315.8                     | 190                           | SupplierStandard | 162               |
| 104101805100169 | 18                  | 2,160                                 | Bright     | sS       | 344                       | 190                           | SupplierStandard | 162               |
| 104101806100169 | 18                  | 2,160                                 | Bright     | zZ       | 344                       | 190                           | SupplierStandard | 162               |
| 104101805300169 | 18                  | 2,160                                 | Galvanized | sS       | 344                       | 190                           | SupplierStandard | 162               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104101806300169 | 18                  | 2,160                                 | Galvanized | zZ       | 344                       | 190                           | SupplierStandard | 162               |
| 104101804100169 | 18                  | 2,160                                 | Bright     | sZ       | 344                       | 190                           | SupplierStandard | 162               |
| 104101804300169 | 18                  | 2,160                                 | Galvanized | sZ       | 344                       | 190                           | SupplierStandard | 162               |
| 104101905070169 | 19                  | 1,960                                 | Bright     | sS       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101906070169 | 19                  | 1,960                                 | Bright     | zZ       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101905270169 | 19                  | 1,960                                 | Galvanized | sS       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101906270169 | 19                  | 1,960                                 | Galvanized | zZ       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101904070169 | 19                  | 1,960                                 | Bright     | sZ       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101904270169 | 19                  | 1,960                                 | Galvanized | sZ       | 351.9                     | 211                           | SupplierStandard | 181               |
| 104101905100169 | 19                  | 2,160                                 | Bright     | sS       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104101906100169 | 19                  | 2,160                                 | Bright     | zZ       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104101905300169 | 19                  | 2,160                                 | Galvanized | sS       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104101906300169 | 19                  | 2,160                                 | Galvanized | zZ       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104101904100169 | 19                  | 2,160                                 | Bright     | sZ       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104101904300169 | 19                  | 2,160                                 | Galvanized | sZ       | 383.3                     | 211                           | SupplierStandard | 181               |
| 104102005070169 | 20                  | 1,960                                 | Bright     | sS       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102006070169 | 20                  | 1,960                                 | Bright     | zZ       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102005270169 | 20                  | 1,960                                 | Galvanized | sS       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102006270169 | 20                  | 1,960                                 | Galvanized | zZ       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102004070169 | 20                  | 1,960                                 | Bright     | sZ       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102004270169 | 20                  | 1,960                                 | Galvanized | sZ       | 389.9                     | 234                           | SupplierStandard | 200               |
| 104102005100169 | 20                  | 2,160                                 | Bright     | sS       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102006100169 | 20                  | 2,160                                 | Bright     | zZ       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102005300169 | 20                  | 2,160                                 | Galvanized | sS       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102006300169 | 20                  | 2,160                                 | Galvanized | zZ       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102004100169 | 20                  | 2,160                                 | Bright     | sZ       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102004300169 | 20                  | 2,160                                 | Galvanized | sZ       | 424.7                     | 234                           | SupplierStandard | 200               |
| 104102105070169 | 21                  | 1,960                                 | Bright     | sS       | 429.9                     | 258                           | SupplierStandard | 221               |
| 104102106070169 | 21                  | 1,960                                 | Bright     | zZ       | 429.9                     | 258                           | SupplierStandard | 221               |
| 104102105270169 | 21                  | 1,960                                 | Galvanized | sS       | 429.9                     | 258                           | SupplierStandard | 221               |
| 104102106270169 | 21                  | 1,960                                 | Galvanized | zZ       | 429.9                     | 258                           | SupplierStandard | 221               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104102104070169 | 21                  | 1,960                                 | Bright     | sZ       | 429.9                     | 258                           | SupplierStandard | 221               |
| 104102104270169 | 21                  | 1,960                                 | Galvanized | sZ       | 429.9                     | 258                           | SupplierStandard | 221               |
| 104102105100169 | 21                  | 2,160                                 | Bright     | sS       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102106100169 | 21                  | 2,160                                 | Bright     | zZ       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102105300169 | 21                  | 2,160                                 | Galvanized | sS       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102106300169 | 21                  | 2,160                                 | Galvanized | zZ       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102104100169 | 21                  | 2,160                                 | Bright     | sZ       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102104300169 | 21                  | 2,160                                 | Galvanized | sZ       | 468.2                     | 258                           | SupplierStandard | 221               |
| 104102205070169 | 22                  | 1,960                                 | Bright     | sS       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102206070169 | 22                  | 1,960                                 | Bright     | zZ       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102205270169 | 22                  | 1,960                                 | Galvanized | sS       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102206270169 | 22                  | 1,960                                 | Galvanized | zZ       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102204070169 | 22                  | 1,960                                 | Bright     | sZ       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102204270169 | 22                  | 1,960                                 | Galvanized | sZ       | 471.8                     | 283                           | SupplierStandard | 242               |
| 104102205100169 | 22                  | 2,160                                 | Bright     | sS       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102206100169 | 22                  | 2,160                                 | Bright     | zZ       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102205300169 | 22                  | 2,160                                 | Galvanized | sS       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102206300169 | 22                  | 2,160                                 | Galvanized | zZ       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102204100169 | 22                  | 2,160                                 | Bright     | sZ       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102204300169 | 22                  | 2,160                                 | Galvanized | sZ       | 513.8                     | 283                           | SupplierStandard | 242               |
| 104102245070169 | 22.4                | 1,960                                 | Bright     | sS       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102246070169 | 22.4                | 1,960                                 | Bright     | zZ       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102245270169 | 22.4                | 1,960                                 | Galvanized | sS       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102246270169 | 22.4                | 1,960                                 | Galvanized | zZ       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102244070169 | 22.4                | 1,960                                 | Bright     | sZ       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102244270169 | 22.4                | 1,960                                 | Galvanized | sZ       | 489.1                     | 288                           | SupplierStandard | 251               |
| 104102245100169 | 22.4                | 2,160                                 | Bright     | sS       | 532.7                     | 288                           | SupplierStandard | 251               |
| 104102246100169 | 22.4                | 2,160                                 | Bright     | zZ       | 532.7                     | 288                           | SupplierStandard | 251               |
| 104102245300169 | 22.4                | 2,160                                 | Galvanized | sS       | 532.7                     | 288                           | SupplierStandard | 251               |
| 104102246300169 | 22.4                | 2,160                                 | Galvanized | zZ       | 532.7                     | 288                           | SupplierStandard | 251               |
| 104102244100169 | 22.4                | 2,160                                 | Bright     | sZ       | 532.7                     | 288                           | SupplierStandard | 251               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104102244300169 | 22.4                | 2,160                                 | Galvanized | sZ       | 532.7                     | 288                           | SupplierStandard | 251               |
| 104102305070169 | 23                  | 1,960                                 | Bright     | sS       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102306070169 | 23                  | 1,960                                 | Bright     | zZ       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102305270169 | 23                  | 1,960                                 | Galvanized | sS       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102306270169 | 23                  | 1,960                                 | Galvanized | zZ       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102304070169 | 23                  | 1,960                                 | Bright     | sZ       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102304270169 | 23                  | 1,960                                 | Galvanized | sZ       | 515.7                     | 310                           | SupplierStandard | 265               |
| 104102305100169 | 23                  | 2,160                                 | Bright     | sS       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102306100169 | 23                  | 2,160                                 | Bright     | zZ       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102305300169 | 23                  | 2,160                                 | Galvanized | sS       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102306300169 | 23                  | 2,160                                 | Galvanized | zZ       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102304100169 | 23                  | 2,160                                 | Bright     | sZ       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102304300169 | 23                  | 2,160                                 | Galvanized | sZ       | 561.6                     | 310                           | SupplierStandard | 265               |
| 104102405070169 | 24                  | 1,960                                 | Bright     | sS       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102406070169 | 24                  | 1,960                                 | Bright     | zZ       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102405270169 | 24                  | 1,960                                 | Galvanized | sS       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102406270169 | 24                  | 1,960                                 | Galvanized | zZ       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102404070169 | 24                  | 1,960                                 | Bright     | sZ       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102404270169 | 24                  | 1,960                                 | Galvanized | sZ       | 561.5                     | 337                           | SupplierStandard | 288               |
| 104102405100169 | 24                  | 2,160                                 | Bright     | sS       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102406100169 | 24                  | 2,160                                 | Bright     | zZ       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102405300169 | 24                  | 2,160                                 | Galvanized | sS       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102406300169 | 24                  | 2,160                                 | Galvanized | zZ       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102404100169 | 24                  | 2,160                                 | Bright     | sZ       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102404300169 | 24                  | 2,160                                 | Galvanized | sZ       | 611.5                     | 337                           | SupplierStandard | 288               |
| 104102505070169 | 25                  | 1,960                                 | Bright     | sS       | 609.3                     | 366                           | SupplierStandard | 313               |
| 104102506070169 | 25                  | 1,960                                 | Bright     | zZ       | 609.3                     | 366                           | SupplierStandard | 313               |
| 104102505270169 | 25                  | 1,960                                 | Galvanized | sS       | 609.3                     | 366                           | SupplierStandard | 313               |
| 104102506270169 | 25                  | 1,960                                 | Galvanized | zZ       | 609.3                     | 366                           | SupplierStandard | 313               |
| 104102504070169 | 25                  | 1,960                                 | Bright     | sZ       | 609.3                     | 366                           | SupplierStandard | 313               |
| 104102504270169 | 25                  | 1,960                                 | Galvanized | sZ       | 609.3                     | 366                           | SupplierStandard | 313               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104102505100169 | 25                  | 2,160                                 | Bright     | sS       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102506100169 | 25                  | 2,160                                 | Bright     | zZ       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102505300169 | 25                  | 2,160                                 | Galvanized | sS       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102506300169 | 25                  | 2,160                                 | Galvanized | zZ       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102504100169 | 25                  | 2,160                                 | Bright     | sZ       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102504300169 | 25                  | 2,160                                 | Galvanized | sZ       | 663.5                     | 366                           | SupplierStandard | 313               |
| 104102544270169 | 25.4                | 1,960                                 | Galvanized | sZ       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102546270169 | 25.4                | 1,960                                 | Galvanized | zZ       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102545270169 | 25.4                | 1,960                                 | Galvanized | sS       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102544070169 | 25.4                | 1,960                                 | Bright     | sZ       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102546070169 | 25.4                | 1,960                                 | Bright     | zZ       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102545070169 | 25.4                | 1,960                                 | Bright     | sS       | 628.9                     | 377                           | SupplierStandard | 323               |
| 104102544300169 | 25.4                | 2,160                                 | Galvanized | sZ       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102546300169 | 25.4                | 2,160                                 | Galvanized | zZ       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102545300169 | 25.4                | 2,160                                 | Galvanized | sS       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102544100169 | 25.4                | 2,160                                 | Bright     | sZ       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102546100169 | 25.4                | 2,160                                 | Bright     | zZ       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102545100169 | 25.4                | 2,160                                 | Bright     | sS       | 684.9                     | 377                           | SupplierStandard | 323               |
| 104102604270169 | 26                  | 1,960                                 | Galvanized | sZ       | 659                       | 396                           | SupplierStandard | 338               |
| 104102606270169 | 26                  | 1,960                                 | Galvanized | zZ       | 659                       | 396                           | SupplierStandard | 338               |
| 104102605270169 | 26                  | 1,960                                 | Galvanized | sS       | 659                       | 396                           | SupplierStandard | 338               |
| 104102604070169 | 26                  | 1,960                                 | Bright     | sZ       | 659                       | 396                           | SupplierStandard | 338               |
| 104102606070169 | 26                  | 1,960                                 | Bright     | zZ       | 659                       | 396                           | SupplierStandard | 338               |
| 104102605070169 | 26                  | 1,960                                 | Bright     | sS       | 659                       | 396                           | SupplierStandard | 338               |
| 104102604300169 | 26                  | 2,160                                 | Galvanized | sZ       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102606300169 | 26                  | 2,160                                 | Galvanized | zZ       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102605300169 | 26                  | 2,160                                 | Galvanized | sS       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102604100169 | 26                  | 2,160                                 | Bright     | sZ       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102606100169 | 26                  | 2,160                                 | Bright     | zZ       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102605100169 | 26                  | 2,160                                 | Bright     | sS       | 717.7                     | 396                           | SupplierStandard | 338               |
| 104102704270169 | 27                  | 1,960                                 | Galvanized | sZ       | 710.6                     | 427                           | SupplierStandard | 365               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104102706270169 | 27                  | 1,960                                 | Galvanized | zZ       | 710.6                     | 427                           | SupplierStandard | 365               |
| 104102705270169 | 27                  | 1,960                                 | Galvanized | sS       | 710.6                     | 427                           | SupplierStandard | 365               |
| 104102704070169 | 27                  | 1,960                                 | Bright     | sZ       | 710.6                     | 427                           | SupplierStandard | 365               |
| 104102706070169 | 27                  | 1,960                                 | Bright     | zZ       | 710.6                     | 427                           | SupplierStandard | 365               |
| 104102705070169 | 27                  | 1,960                                 | Bright     | sS       | 710.6                     | 427                           | SupplierStandard | 365               |
| 104102704300169 | 27                  | 2,160                                 | Galvanized | sZ       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102706300169 | 27                  | 2,160                                 | Galvanized | zZ       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102705300169 | 27                  | 2,160                                 | Galvanized | sS       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102704100169 | 27                  | 2,160                                 | Bright     | sZ       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102706100169 | 27                  | 2,160                                 | Bright     | zZ       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102705100169 | 27                  | 2,160                                 | Bright     | sS       | 773.9                     | 427                           | SupplierStandard | 365               |
| 104102804270169 | 28                  | 1,960                                 | Galvanized | sZ       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102806270169 | 28                  | 1,960                                 | Galvanized | zZ       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102805270169 | 28                  | 1,960                                 | Galvanized | sS       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102804070169 | 28                  | 1,960                                 | Bright     | sZ       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102806070169 | 28                  | 1,960                                 | Bright     | zZ       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102805070169 | 28                  | 1,960                                 | Bright     | sS       | 764.3                     | 459                           | SupplierStandard | 392               |
| 104102804300169 | 28                  | 2,160                                 | Galvanized | sZ       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102806300169 | 28                  | 2,160                                 | Galvanized | zZ       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102805300169 | 28                  | 2,160                                 | Galvanized | sS       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102804100169 | 28                  | 2,160                                 | Bright     | sZ       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102806100169 | 28                  | 2,160                                 | Bright     | zZ       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102805100169 | 28                  | 2,160                                 | Bright     | sS       | 832.3                     | 459                           | SupplierStandard | 392               |
| 104102864270169 | 28.6                | 1,960                                 | Galvanized | sZ       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102866270169 | 28.6                | 1,960                                 | Galvanized | zZ       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102865270169 | 28.6                | 1,960                                 | Galvanized | sS       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102864070169 | 28.6                | 1,960                                 | Bright     | sZ       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102866070169 | 28.6                | 1,960                                 | Bright     | zZ       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102865070169 | 28.6                | 1,960                                 | Bright     | sS       | 797.4                     | 479                           | SupplierStandard | 409               |
| 104102864300169 | 28.6                | 2,160                                 | Galvanized | sZ       | 868.4                     | 479                           | SupplierStandard | 409               |
| 104102866300169 | 28.6                | 2,160                                 | Galvanized | zZ       | 868.4                     | 479                           | SupplierStandard | 409               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104102865300169 | 28.6                | 2,160                                 | Galvanized | sS       | 868.4                     | 479                           | SupplierStandard | 409               |
| 104102864100169 | 28.6                | 2,160                                 | Bright     | sZ       | 868.4                     | 479                           | SupplierStandard | 409               |
| 104102866100169 | 28.6                | 2,160                                 | Bright     | zZ       | 868.4                     | 479                           | SupplierStandard | 409               |
| 104102865100169 | 28.6                | 2,160                                 | Bright     | sS       | 868.4                     | 479                           | SupplierStandard | 409               |
| 104102904270169 | 29                  | 1,960                                 | Galvanized | sZ       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102906270169 | 29                  | 1,960                                 | Galvanized | zZ       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102905270169 | 29                  | 1,960                                 | Galvanized | sS       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102904070169 | 29                  | 1,960                                 | Bright     | sZ       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102906070169 | 29                  | 1,960                                 | Bright     | zZ       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102905070169 | 29                  | 1,960                                 | Bright     | sS       | 819.8                     | 492                           | SupplierStandard | 421               |
| 104102904300169 | 29                  | 2,160                                 | Galvanized | sZ       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104102906300169 | 29                  | 2,160                                 | Galvanized | zZ       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104102905300169 | 29                  | 2,160                                 | Galvanized | sS       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104102904100169 | 29                  | 2,160                                 | Bright     | sZ       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104102906100169 | 29                  | 2,160                                 | Bright     | zZ       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104102905100169 | 29                  | 2,160                                 | Bright     | sS       | 892.8                     | 492                           | SupplierStandard | 421               |
| 104103004270169 | 30                  | 1,960                                 | Galvanized | sZ       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103006270169 | 30                  | 1,960                                 | Galvanized | zZ       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103005270169 | 30                  | 1,960                                 | Galvanized | sS       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103004070169 | 30                  | 1,960                                 | Bright     | sZ       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103006070169 | 30                  | 1,960                                 | Bright     | zZ       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103005070169 | 30                  | 1,960                                 | Bright     | sS       | 877.3                     | 527                           | SupplierStandard | 450               |
| 104103004300169 | 30                  | 2,160                                 | Galvanized | sZ       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103006300169 | 30                  | 2,160                                 | Galvanized | zZ       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103005300169 | 30                  | 2,160                                 | Galvanized | sS       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103004100169 | 30                  | 2,160                                 | Bright     | sZ       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103006100169 | 30                  | 2,160                                 | Bright     | zZ       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103005100169 | 30                  | 2,160                                 | Bright     | sS       | 955.5                     | 527                           | SupplierStandard | 450               |
| 104103104270169 | 31                  | 1,960                                 | Galvanized | sZ       | 936.8                     | 562                           | SupplierStandard | 481               |
| 104103106270169 | 31                  | 1,960                                 | Galvanized | zZ       | 936.8                     | 562                           | SupplierStandard | 481               |
| 104103105270169 | 31                  | 1,960                                 | Galvanized | sS       | 936.8                     | 562                           | SupplierStandard | 481               |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter mm | Tensile strength N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force kN | Steel area mm <sup>2</sup> | Lubrication      | Weight kg/100m |
|-----------------|------------------|------------------------------------|------------|----------|------------------------|----------------------------|------------------|----------------|
| 104103104070169 | 31               | 1,960                              | Bright     | sZ       | 936.8                  | 562                        | SupplierStandard | 481            |
| 104103106070169 | 31               | 1,960                              | Bright     | zZ       | 936.8                  | 562                        | SupplierStandard | 481            |
| 104103105070169 | 31               | 1,960                              | Bright     | sS       | 936.8                  | 562                        | SupplierStandard | 481            |
| 104103104300169 | 31               | 2,160                              | Galvanized | sZ       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103106300169 | 31               | 2,160                              | Galvanized | zZ       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103105300169 | 31               | 2,160                              | Galvanized | sS       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103104100169 | 31               | 2,160                              | Bright     | sZ       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103106100169 | 31               | 2,160                              | Bright     | zZ       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103105100169 | 31               | 2,160                              | Bright     | sS       | 1,020                  | 562                        | SupplierStandard | 481            |
| 104103204270169 | 32               | 1,960                              | Galvanized | sZ       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103206270169 | 32               | 1,960                              | Galvanized | zZ       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103205270169 | 32               | 1,960                              | Galvanized | sS       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103204070169 | 32               | 1,960                              | Bright     | sZ       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103206070169 | 32               | 1,960                              | Bright     | zZ       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103205070169 | 32               | 1,960                              | Bright     | sS       | 998.2                  | 599                        | SupplierStandard | 512            |
| 104103204300169 | 32               | 2,160                              | Galvanized | sZ       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103206300169 | 32               | 2,160                              | Galvanized | zZ       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103205300169 | 32               | 2,160                              | Galvanized | sS       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103204100169 | 32               | 2,160                              | Bright     | sZ       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103206100169 | 32               | 2,160                              | Bright     | zZ       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103205100169 | 32               | 2,160                              | Bright     | sS       | 1,087                  | 599                        | SupplierStandard | 512            |
| 104103304270169 | 33               | 1,960                              | Galvanized | sZ       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103306270169 | 33               | 1,960                              | Galvanized | zZ       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103305270169 | 33               | 1,960                              | Galvanized | sS       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103304070169 | 33               | 1,960                              | Bright     | sZ       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103306070169 | 33               | 1,960                              | Bright     | zZ       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103305070169 | 33               | 1,960                              | Bright     | sS       | 1,062                  | 637                        | SupplierStandard | 545            |
| 104103304300169 | 33               | 2,160                              | Galvanized | sZ       | 1,156                  | 637                        | SupplierStandard | 545            |
| 104103306300169 | 33               | 2,160                              | Galvanized | zZ       | 1,156                  | 637                        | SupplierStandard | 545            |
| 104103305300169 | 33               | 2,160                              | Galvanized | sS       | 1,156                  | 637                        | SupplierStandard | 545            |
| 104103304100169 | 33               | 2,160                              | Bright     | sZ       | 1,156                  | 637                        | SupplierStandard | 545            |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter mm | Tensile strength N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force kN | Steel area mm <sup>2</sup> | Lubrication      | Weight kg/100m |
|-----------------|------------------|------------------------------------|------------|----------|------------------------|----------------------------|------------------|----------------|
| 104103306100169 | 33               | 2,160                              | Bright     | zZ       | 1,156                  | 637                        | SupplierStandard | 545            |
| 104103305100169 | 33               | 2,160                              | Bright     | sS       | 1,156                  | 637                        | SupplierStandard | 545            |
| 104103404270169 | 34               | 1,960                              | Galvanized | sZ       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103406270169 | 34               | 1,960                              | Galvanized | zZ       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103405270169 | 34               | 1,960                              | Galvanized | sS       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103404070169 | 34               | 1,960                              | Bright     | sZ       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103406070169 | 34               | 1,960                              | Bright     | zZ       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103405070169 | 34               | 1,960                              | Bright     | sS       | 1,127                  | 676                        | SupplierStandard | 578            |
| 104103404300169 | 34               | 2,160                              | Galvanized | sZ       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103406300169 | 34               | 2,160                              | Galvanized | zZ       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103405300169 | 34               | 2,160                              | Galvanized | sS       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103404100169 | 34               | 2,160                              | Bright     | sZ       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103406100169 | 34               | 2,160                              | Bright     | zZ       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103405100169 | 34               | 2,160                              | Bright     | sS       | 1,227                  | 676                        | SupplierStandard | 578            |
| 104103504270169 | 35               | 1,960                              | Galvanized | sZ       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103506270169 | 35               | 1,960                              | Galvanized | zZ       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103505270169 | 35               | 1,960                              | Galvanized | sS       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103504070169 | 35               | 1,960                              | Bright     | sZ       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103506070169 | 35               | 1,960                              | Bright     | zZ       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103505070169 | 35               | 1,960                              | Bright     | sS       | 1,194                  | 717                        | SupplierStandard | 613            |
| 104103504300169 | 35               | 2,160                              | Galvanized | sZ       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103506300169 | 35               | 2,160                              | Galvanized | zZ       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103505300169 | 35               | 2,160                              | Galvanized | sS       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103504100169 | 35               | 2,160                              | Bright     | sZ       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103506100169 | 35               | 2,160                              | Bright     | zZ       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103505100169 | 35               | 2,160                              | Bright     | sS       | 1,301                  | 717                        | SupplierStandard | 613            |
| 104103604270169 | 36               | 1,960                              | Galvanized | sZ       | 1,263                  | 758                        | SupplierStandard | 648            |
| 104103606270169 | 36               | 1,960                              | Galvanized | zZ       | 1,263                  | 758                        | SupplierStandard | 648            |
| 104103605270169 | 36               | 1,960                              | Galvanized | sS       | 1,263                  | 758                        | SupplierStandard | 648            |
| 104103604070169 | 36               | 1,960                              | Bright     | sZ       | 1,263                  | 758                        | SupplierStandard | 648            |
| 104103606070169 | 36               | 1,960                              | Bright     | zZ       | 1,263                  | 758                        | SupplierStandard | 648            |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter mm | Tensile strength N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force kN | Steel area mm <sup>2</sup> | Lubrication      | Weight kg/100m |
|-----------------|------------------|------------------------------------|------------|----------|------------------------|----------------------------|------------------|----------------|
| 104103605070169 | 36               | 1,960                              | Bright     | sS       | 1,263                  | 758                        | SupplierStandard | 648            |
| 104103604300169 | 36               | 2,160                              | Galvanized | sZ       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103606300169 | 36               | 2,160                              | Galvanized | zZ       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103605300169 | 36               | 2,160                              | Galvanized | sS       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103604100169 | 36               | 2,160                              | Bright     | sZ       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103606100169 | 36               | 2,160                              | Bright     | zZ       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103605100169 | 36               | 2,160                              | Bright     | sS       | 1,376                  | 758                        | SupplierStandard | 648            |
| 104103804270169 | 38               | 1,960                              | Galvanized | sZ       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103806270169 | 38               | 1,960                              | Galvanized | zZ       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103805270169 | 38               | 1,960                              | Galvanized | sS       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103804070169 | 38               | 1,960                              | Bright     | sZ       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103806070169 | 38               | 1,960                              | Bright     | zZ       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103805070169 | 38               | 1,960                              | Bright     | sS       | 1,408                  | 845                        | SupplierStandard | 722            |
| 104103804300169 | 38               | 2,160                              | Galvanized | sZ       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104103806300169 | 38               | 2,160                              | Galvanized | zZ       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104103805300169 | 38               | 2,160                              | Galvanized | sS       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104103804100169 | 38               | 2,160                              | Bright     | sZ       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104103806100169 | 38               | 2,160                              | Bright     | zZ       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104103805100169 | 38               | 2,160                              | Bright     | sS       | 1,533                  | 845                        | SupplierStandard | 722            |
| 104104004270169 | 40               | 1,960                              | Galvanized | sZ       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104006270169 | 40               | 1,960                              | Galvanized | zZ       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104005270169 | 40               | 1,960                              | Galvanized | sS       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104004070169 | 40               | 1,960                              | Bright     | sZ       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104006070169 | 40               | 1,960                              | Bright     | zZ       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104005070169 | 40               | 1,960                              | Bright     | sS       | 1,560                  | 936                        | SupplierStandard | 800            |
| 104104004300169 | 40               | 2,160                              | Galvanized | sZ       | 1,699                  | 936                        | SupplierStandard | 800            |
| 104104006300169 | 40               | 2,160                              | Galvanized | zZ       | 1,699                  | 936                        | SupplierStandard | 800            |
| 104104005300169 | 40               | 2,160                              | Galvanized | sS       | 1,699                  | 936                        | SupplierStandard | 800            |
| 104104004100169 | 40               | 2,160                              | Bright     | sZ       | 1,699                  | 936                        | SupplierStandard | 800            |
| 104104006100169 | 40               | 2,160                              | Bright     | zZ       | 1,699                  | 936                        | SupplierStandard | 800            |
| 104104005100169 | 40               | 2,160                              | Bright     | sS       | 1,699                  | 936                        | SupplierStandard | 800            |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter mm | Tensile strength N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force kN | Steel area mm <sup>2</sup> | Lubrication      | Weight kg/100m |
|-----------------|------------------|------------------------------------|------------|----------|------------------------|----------------------------|------------------|----------------|
| 104104134270169 | 41.3             | 1,960                              | Galvanized | sZ       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104136270169 | 41.3             | 1,960                              | Galvanized | zZ       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104135270169 | 41.3             | 1,960                              | Galvanized | sS       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104134070169 | 41.3             | 1,960                              | Bright     | sZ       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104136070169 | 41.3             | 1,960                              | Bright     | zZ       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104135070169 | 41.3             | 1,960                              | Bright     | sS       | 1,663                  | 998                        | SupplierStandard | 853            |
| 104104134300169 | 41.3             | 2,160                              | Galvanized | sZ       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104136300169 | 41.3             | 2,160                              | Galvanized | zZ       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104135300169 | 41.3             | 2,160                              | Galvanized | sS       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104134100169 | 41.3             | 2,160                              | Bright     | sZ       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104136100169 | 41.3             | 2,160                              | Bright     | zZ       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104135100169 | 41.3             | 2,160                              | Bright     | sS       | 1,811                  | 998                        | SupplierStandard | 853            |
| 104104204270169 | 42               | 1,960                              | Galvanized | sZ       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104206270169 | 42               | 1,960                              | Galvanized | zZ       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104205270169 | 42               | 1,960                              | Galvanized | sS       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104204070169 | 42               | 1,960                              | Bright     | sZ       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104206070169 | 42               | 1,960                              | Bright     | zZ       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104205070169 | 42               | 1,960                              | Bright     | sS       | 1,720                  | 1,032                      | SupplierStandard | 883            |
| 104104204300169 | 42               | 2,160                              | Galvanized | sZ       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104206300169 | 42               | 2,160                              | Galvanized | zZ       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104205300169 | 42               | 2,160                              | Galvanized | sS       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104204100169 | 42               | 2,160                              | Bright     | sZ       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104206100169 | 42               | 2,160                              | Bright     | zZ       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104205100169 | 42               | 2,160                              | Bright     | sS       | 1,873                  | 1,032                      | SupplierStandard | 883            |
| 104104404270169 | 44               | 1,960                              | Galvanized | sZ       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104406270169 | 44               | 1,960                              | Galvanized | zZ       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104405270169 | 44               | 1,960                              | Galvanized | sS       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104404070169 | 44               | 1,960                              | Bright     | sZ       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104406070169 | 44               | 1,960                              | Bright     | zZ       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104405070169 | 44               | 1,960                              | Bright     | sS       | 1,887                  | 1,133                      | SupplierStandard | 969            |
| 104104404300169 | 44               | 2,160                              | Galvanized | sZ       | 2,055                  | 1,133                      | SupplierStandard | 969            |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104104406300169 | 44                  | 2,160                                 | Galvanized | zZ       | 2,055                     | 1,133                         | SupplierStandard | 969               |
| 104104405300169 | 44                  | 2,160                                 | Galvanized | sS       | 2,055                     | 1,133                         | SupplierStandard | 969               |
| 104104404100169 | 44                  | 2,160                                 | Bright     | sZ       | 2,055                     | 1,133                         | SupplierStandard | 969               |
| 104104406100169 | 44                  | 2,160                                 | Bright     | zZ       | 2,055                     | 1,133                         | SupplierStandard | 969               |
| 104104405100169 | 44                  | 2,160                                 | Bright     | sS       | 2,055                     | 1,133                         | SupplierStandard | 969               |
| 104104504270169 | 45                  | 1,960                                 | Galvanized | sZ       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104506270169 | 45                  | 1,960                                 | Galvanized | zZ       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104505270169 | 45                  | 1,960                                 | Galvanized | sS       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104504070169 | 45                  | 1,960                                 | Bright     | sZ       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104506070169 | 45                  | 1,960                                 | Bright     | zZ       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104505070169 | 45                  | 1,960                                 | Bright     | sS       | 1,974                     | 1,185                         | SupplierStandard | 1,013             |
| 104104504300169 | 45                  | 2,160                                 | Galvanized | sZ       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104506300169 | 45                  | 2,160                                 | Galvanized | zZ       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104505300169 | 45                  | 2,160                                 | Galvanized | sS       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104504100169 | 45                  | 2,160                                 | Bright     | sZ       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104506100169 | 45                  | 2,160                                 | Bright     | zZ       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104505100169 | 45                  | 2,160                                 | Bright     | sS       | 2,150                     | 1,185                         | SupplierStandard | 1,013             |
| 104104604270169 | 46                  | 1,960                                 | Galvanized | sZ       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104606270169 | 46                  | 1,960                                 | Galvanized | zZ       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104605270169 | 46                  | 1,960                                 | Galvanized | sS       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104604070169 | 46                  | 1,960                                 | Bright     | sZ       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104606070169 | 46                  | 1,960                                 | Bright     | zZ       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104605070169 | 46                  | 1,960                                 | Bright     | sS       | 2,063                     | 1,238                         | SupplierStandard | 1,059             |
| 104104604300169 | 46                  | 2,160                                 | Galvanized | sZ       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104606300169 | 46                  | 2,160                                 | Galvanized | zZ       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104605300169 | 46                  | 2,160                                 | Galvanized | sS       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104604100169 | 46                  | 2,160                                 | Bright     | sZ       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104606100169 | 46                  | 2,160                                 | Bright     | zZ       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104605100169 | 46                  | 2,160                                 | Bright     | sS       | 2,246                     | 1,238                         | SupplierStandard | 1,059             |
| 104104754270169 | 47.5                | 1,960                                 | Galvanized | sZ       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |
| 104104756270169 | 47.5                | 1,960                                 | Galvanized | zZ       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |

## Steel Wire Rope verotop XP

### Technical data

| Part code       | Rope diameter<br>mm | Tensile strength<br>N/mm <sup>2</sup> | Finish     | Rope lay | Min. breaking force<br>kN | Steel area<br>mm <sup>2</sup> | Lubrication      | Weight<br>kg/100m |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104104755270169 | 47.5                | 1,960                                 | Galvanized | sS       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |
| 104104754070169 | 47.5                | 1,960                                 | Bright     | sZ       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |
| 104104756070169 | 47.5                | 1,960                                 | Bright     | zZ       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |
| 104104755070169 | 47.5                | 1,960                                 | Bright     | sS       | 2,199                     | 1,320                         | SupplierStandard | 1,129             |
| 104104754300169 | 47.5                | 2,160                                 | Galvanized | sZ       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104756300169 | 47.5                | 2,160                                 | Galvanized | zZ       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104755300169 | 47.5                | 2,160                                 | Galvanized | sS       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104754100169 | 47.5                | 2,160                                 | Bright     | sZ       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104756100169 | 47.5                | 2,160                                 | Bright     | zZ       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104755100169 | 47.5                | 2,160                                 | Bright     | sS       | 2,395                     | 1,320                         | SupplierStandard | 1,129             |
| 104104804270169 | 48                  | 1,960                                 | Galvanized | sZ       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104806270169 | 48                  | 1,960                                 | Galvanized | zZ       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104805270169 | 48                  | 1,960                                 | Galvanized | sS       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104804070169 | 48                  | 1,960                                 | Bright     | sZ       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104806070169 | 48                  | 1,960                                 | Bright     | zZ       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104805070169 | 48                  | 1,960                                 | Bright     | sS       | 2,246                     | 1,347                         | SupplierStandard | 1,153             |
| 104104804300169 | 48                  | 2,160                                 | Galvanized | sZ       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |
| 104104806300169 | 48                  | 2,160                                 | Galvanized | zZ       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |
| 104104805300169 | 48                  | 2,160                                 | Galvanized | sS       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |
| 104104804100169 | 48                  | 2,160                                 | Bright     | sZ       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |
| 104104806100169 | 48                  | 2,160                                 | Bright     | zZ       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |
| 104104805100169 | 48                  | 2,160                                 | Bright     | sS       | 2,446                     | 1,347                         | SupplierStandard | 1,153             |