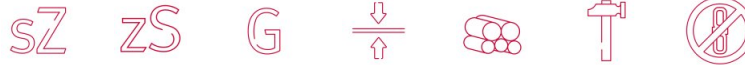


Steel wire rope veropower 8

Product information



Wire rope construction: veropower 8 is a rotary swaged 8-strand, non-rotation-resistant rope in parallel lay construction with compacted outerstrands and a rope core covered with a plastic layer. It provides the highest breaking strength of all non rotation-resistant wire ropes and offers superior resistance to drum crushing.

Features:

- All strands are compacted and rotary swaged.
- Extremely high breaking strength and is very resistant against abrasion.
- Suitable for multi layer spooling systems with guided loads.
- Fully lubricated

ISO 4309

Rope Category No: Up to 40mm **RCN.09**, 41-46mm **RCN.11**, > 46mm **RCN.13**.

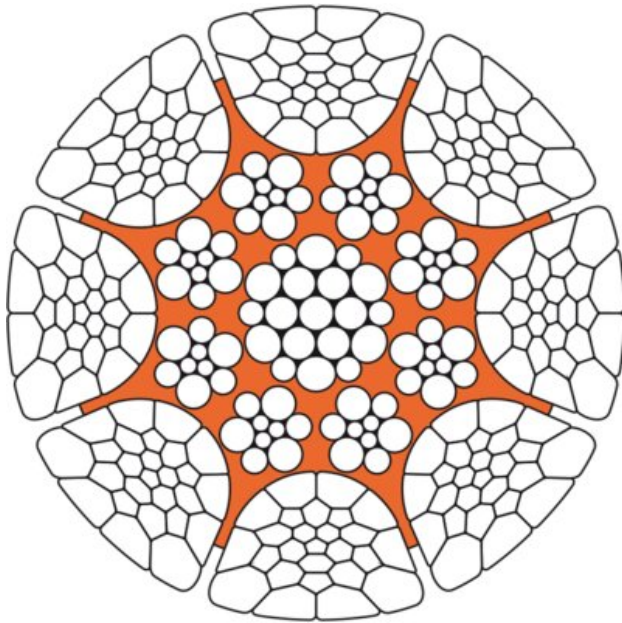
Marking: According to standard

Standard: EN 12385-4

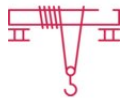
Warning: veropower 8 may not be used with a swivel.

RCN: 09

Tolerance Ø: +2% to +4%



Overhead cranes



Mobile port crane



Offshore crane



Loading crane



Crawler crane



Container crane



Piling crane



Tower crane



Ladle crane



STS crane



| Part Code | Rope Diameter, mm | Tensile strength N/mm ² | Finish | Rope lay. | Min. Breaking force, kN | Steel area mm ² | Lubrication | Weight kg/100m | Delivery time |
|-----------------|-------------------|------------------------------------|------------|-----------|-------------------------|----------------------------|------------------|----------------|---------------|
| 103101204070279 | 12 | 1,960 | Bright | sZ | 147.4 | 84 | SupplierStandard | 72 | 30 |
| 103101203070279 | 12 | 1,960 | Bright | zS | 147.4 | 84 | SupplierStandard | 72 | 30 |
| 103101204270279 | 12 | 1,960 | Galvanized | sZ | 147.4 | 84 | SupplierStandard | 72 | 30 |
| 103101203270279 | 12 | 1,960 | Galvanized | zS | 147.4 | 84 | SupplierStandard | 72 | 30 |
| 103101204100279 | 12 | 2,160 | Bright | sZ | 158.8 | 84 | SupplierStandard | 72 | 30 |
| 103101203100279 | 12 | 2,160 | Bright | zS | 158.8 | 84 | SupplierStandard | 72 | 30 |
| 103101204300279 | 12 | 2,160 | Galvanized | sZ | 158.8 | 84 | SupplierStandard | 72 | 30 |
| 103101203300279 | 12 | 2,160 | Galvanized | zS | 158.8 | 84 | SupplierStandard | 72 | 30 |
| 103101304070279 | 13 | 1,960 | Bright | sZ | 173 | 99 | SupplierStandard | 84 | 30 |
| 103101303070279 | 13 | 1,960 | Bright | zS | 173 | 99 | SupplierStandard | 84 | 30 |
| 103101304270279 | 13 | 1,960 | Galvanized | sZ | 173 | 99 | SupplierStandard | 84 | 30 |
| 103101303270279 | 13 | 1,960 | Galvanized | zS | 173 | 99 | SupplierStandard | 84 | 30 |
| 103101304100279 | 13 | 2,160 | Bright | sZ | 186.4 | 99 | SupplierStandard | 84 | 30 |
| 103101303100279 | 13 | 2,160 | Bright | zS | 186.4 | 99 | SupplierStandard | 84 | 30 |
| 103101304300279 | 13 | 2,160 | Galvanized | sZ | 186.4 | 99 | SupplierStandard | 84 | 30 |
| 103101303300279 | 13 | 2,160 | Galvanized | zS | 186.4 | 99 | SupplierStandard | 84 | 30 |
| 103101404070279 | 14 | 1,960 | Bright | sZ | 200.6 | 115 | SupplierStandard | 98 | 30 |
| 103101403070279 | 14 | 1,960 | Bright | zS | 200.6 | 115 | SupplierStandard | 98 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103101404270279 | 14 | 1,960 | Galvanized | sZ | 200.6 | 115 | SupplierStandard | 98 | 30 |
| 103101403270279 | 14 | 1,960 | Galvanized | zS | 200.6 | 115 | SupplierStandard | 98 | 30 |
| 103101404100279 | 14 | 2,160 | Bright | sZ | 216.2 | 115 | SupplierStandard | 98 | 30 |
| 103101403100279 | 14 | 2,160 | Bright | zS | 216.2 | 115 | SupplierStandard | 98 | 30 |
| 103101404300279 | 14 | 2,160 | Galvanized | sZ | 216.2 | 115 | SupplierStandard | 98 | 30 |
| 103101403300279 | 14 | 2,160 | Galvanized | zS | 216.2 | 115 | SupplierStandard | 98 | 30 |
| 103101504070279 | 15 | 1,960 | Bright | sZ | 230.3 | 132 | SupplierStandard | 112 | 30 |
| 103101503070279 | 15 | 1,960 | Bright | zS | 230.3 | 132 | SupplierStandard | 112 | 30 |
| 103101504270279 | 15 | 1,960 | Galvanized | sZ | 230.3 | 132 | SupplierStandard | 112 | 30 |
| 103101503270279 | 15 | 1,960 | Galvanized | zS | 230.3 | 132 | SupplierStandard | 112 | 30 |
| 103101504100279 | 15 | 2,160 | Bright | sZ | 248.2 | 132 | SupplierStandard | 112 | 30 |
| 103101503100279 | 15 | 2,160 | Bright | zS | 248.2 | 132 | SupplierStandard | 112 | 30 |
| 103101504300279 | 15 | 2,160 | Galvanized | sZ | 248.2 | 132 | SupplierStandard | 112 | 30 |
| 103101503300279 | 15 | 2,160 | Galvanized | zS | 248.2 | 132 | SupplierStandard | 112 | 30 |
| 103101604070279 | 16 | 1,960 | Bright | sZ | 262 | 150 | SupplierStandard | 128 | 30 |
| 103101603070279 | 16 | 1,960 | Bright | zS | 262 | 150 | SupplierStandard | 128 | 30 |
| 103101604270279 | 16 | 1,960 | Galvanized | sZ | 262 | 150 | SupplierStandard | 128 | 30 |
| 103101603270279 | 16 | 1,960 | Galvanized | zS | 262 | 150 | SupplierStandard | 128 | 30 |
| 103101604100279 | 16 | 2,160 | Bright | sZ | 282.3 | 150 | SupplierStandard | 128 | 30 |
| 103101603100279 | 16 | 2,160 | Bright | zS | 282.3 | 150 | SupplierStandard | 128 | 30 |
| 103101604300279 | 16 | 2,160 | Galvanized | sZ | 282.3 | 150 | SupplierStandard | 128 | 30 |
| 103101603300279 | 16 | 2,160 | Galvanized | zS | 282.3 | 150 | SupplierStandard | 128 | 30 |
| 103101704070279 | 17 | 1,960 | Bright | sZ | 296.8 | 170 | SupplierStandard | 144 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103101703070279 | 17 | 1,960 | Bright | zS | 296.8 | 170 | SupplierStandard | 144 | 30 |
| 103101704270279 | 17 | 1,960 | Galvanized | sZ | 296.8 | 170 | SupplierStandard | 144 | 30 |
| 103101703270279 | 17 | 1,960 | Galvanized | zS | 296.8 | 170 | SupplierStandard | 144 | 30 |
| 103101704100279 | 17 | 2,160 | Bright | sZ | 318.7 | 170 | SupplierStandard | 144 | 30 |
| 103101703100279 | 17 | 2,160 | Bright | zS | 318.7 | 170 | SupplierStandard | 144 | 30 |
| 103101704300279 | 17 | 2,160 | Galvanized | sZ | 318.7 | 170 | SupplierStandard | 144 | 30 |
| 103101703300279 | 17 | 2,160 | Galvanized | zS | 318.7 | 170 | SupplierStandard | 144 | 30 |
| 103101804070279 | 18 | 1,960 | Bright | sZ | 331.6 | 190 | SupplierStandard | 161 | 30 |
| 103101803070279 | 18 | 1,960 | Bright | zS | 331.6 | 190 | SupplierStandard | 161 | 30 |
| 103101804270279 | 18 | 1,960 | Galvanized | sZ | 331.6 | 190 | SupplierStandard | 161 | 30 |
| 103101803270279 | 18 | 1,960 | Galvanized | zS | 331.6 | 190 | SupplierStandard | 161 | 30 |
| 103101804100279 | 18 | 2,160 | Bright | sZ | 357.3 | 190 | SupplierStandard | 161 | 30 |
| 103101803100279 | 18 | 2,160 | Bright | zS | 357.3 | 190 | SupplierStandard | 161 | 30 |
| 103101804300279 | 18 | 2,160 | Galvanized | sZ | 357.3 | 190 | SupplierStandard | 161 | 30 |
| 103101803300279 | 18 | 2,160 | Galvanized | zS | 357.3 | 190 | SupplierStandard | 161 | 30 |
| 103101904070279 | 19 | 1,960 | Bright | sZ | 369.5 | 212 | SupplierStandard | 180 | 30 |
| 103101903070279 | 19 | 1,960 | Bright | zS | 369.5 | 212 | SupplierStandard | 180 | 30 |
| 103101904270279 | 19 | 1,960 | Galvanized | sZ | 369.5 | 212 | SupplierStandard | 180 | 30 |
| 103101903270279 | 19 | 1,960 | Galvanized | zS | 369.5 | 212 | SupplierStandard | 180 | 30 |
| 103101904100279 | 19 | 2,160 | Bright | sZ | 398.1 | 212 | SupplierStandard | 180 | 30 |
| 103101903100279 | 19 | 2,160 | Bright | zS | 398.1 | 212 | SupplierStandard | 180 | 30 |
| 103101904300279 | 19 | 2,160 | Galvanized | sZ | 398.1 | 212 | SupplierStandard | 180 | 30 |
| 103101903300279 | 19 | 2,160 | Galvanized | zS | 398.1 | 212 | SupplierStandard | 180 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103102004070279 | 20 | 1,960 | Bright | sZ | 409.4 | 235 | SupplierStandard | 199 | 30 |
| 103102003070279 | 20 | 1,960 | Bright | zS | 409.4 | 235 | SupplierStandard | 199 | 30 |
| 103102004270279 | 20 | 1,960 | Galvanized | sZ | 409.4 | 235 | SupplierStandard | 199 | 30 |
| 103102003270279 | 20 | 1,960 | Galvanized | zS | 409.4 | 235 | SupplierStandard | 199 | 30 |
| 103102004100279 | 20 | 2,160 | Bright | sZ | 441.2 | 235 | SupplierStandard | 199 | 30 |
| 103102003100279 | 20 | 2,160 | Bright | zS | 441.2 | 235 | SupplierStandard | 199 | 30 |
| 103102004300279 | 20 | 2,160 | Galvanized | sZ | 441.2 | 235 | SupplierStandard | 199 | 30 |
| 103102003300279 | 20 | 2,160 | Galvanized | zS | 441.2 | 235 | SupplierStandard | 199 | 30 |
| 103102104070279 | 21 | 1,960 | Bright | sZ | 451.3 | 259 | SupplierStandard | 220 | 30 |
| 103102103070279 | 21 | 1,960 | Bright | zS | 451.3 | 259 | SupplierStandard | 220 | 30 |
| 103102104270279 | 21 | 1,960 | Galvanized | sZ | 451.3 | 259 | SupplierStandard | 220 | 30 |
| 103102103270279 | 21 | 1,960 | Galvanized | zS | 451.3 | 259 | SupplierStandard | 220 | 30 |
| 103102104100279 | 21 | 2,160 | Bright | sZ | 486.4 | 259 | SupplierStandard | 220 | 30 |
| 103102103100279 | 21 | 2,160 | Bright | zS | 486.4 | 259 | SupplierStandard | 220 | 30 |
| 103102104300279 | 21 | 2,160 | Galvanized | sZ | 486.4 | 259 | SupplierStandard | 220 | 30 |
| 103102103300279 | 21 | 2,160 | Galvanized | zS | 486.4 | 259 | SupplierStandard | 220 | 30 |
| 103102204070279 | 22 | 1,960 | Bright | sZ | 495.3 | 284 | SupplierStandard | 241 | 30 |
| 103102203070279 | 22 | 1,960 | Bright | zS | 495.3 | 284 | SupplierStandard | 241 | 30 |
| 103102204270279 | 22 | 1,960 | Galvanized | sZ | 495.3 | 284 | SupplierStandard | 241 | 30 |
| 103102203270279 | 22 | 1,960 | Galvanized | zS | 495.3 | 284 | SupplierStandard | 241 | 30 |
| 103102204100279 | 22 | 2,160 | Bright | sZ | 533.8 | 284 | SupplierStandard | 241 | 30 |
| 103102203100279 | 22 | 2,160 | Bright | zS | 533.8 | 284 | SupplierStandard | 241 | 30 |
| 103102204300279 | 22 | 2,160 | Galvanized | sZ | 533.8 | 284 | SupplierStandard | 241 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103102203300279 | 22 | 2,160 | Galvanized | zS | 533.8 | 284 | SupplierStandard | 241 | 30 |
| 103102304070279 | 23 | 1,960 | Bright | sZ | 541.4 | 310 | SupplierStandard | 264 | 30 |
| 103102303070279 | 23 | 1,960 | Bright | zS | 541.4 | 310 | SupplierStandard | 264 | 30 |
| 103102304270279 | 23 | 1,960 | Galvanized | sZ | 541.4 | 310 | SupplierStandard | 264 | 30 |
| 103102303270279 | 23 | 1,960 | Galvanized | zS | 541.4 | 310 | SupplierStandard | 264 | 30 |
| 103102304100279 | 23 | 2,160 | Bright | sZ | 583.4 | 310 | SupplierStandard | 264 | 30 |
| 103102303100279 | 23 | 2,160 | Bright | zS | 583.4 | 310 | SupplierStandard | 264 | 30 |
| 103102304300279 | 23 | 2,160 | Galvanized | sZ | 583.4 | 310 | SupplierStandard | 264 | 30 |
| 103102303300279 | 23 | 2,160 | Galvanized | zS | 583.4 | 310 | SupplierStandard | 264 | 30 |
| 103102404070279 | 24 | 1,960 | Bright | sZ | 589.5 | 338 | SupplierStandard | 287 | 30 |
| 103102403070279 | 24 | 1,960 | Bright | zS | 589.5 | 338 | SupplierStandard | 287 | 30 |
| 103102404270279 | 24 | 1,960 | Galvanized | sZ | 589.5 | 338 | SupplierStandard | 287 | 30 |
| 103102403270279 | 24 | 1,960 | Galvanized | zS | 589.5 | 338 | SupplierStandard | 287 | 30 |
| 103102404100279 | 24 | 2,160 | Bright | sZ | 635.3 | 338 | SupplierStandard | 287 | 30 |
| 103102403100279 | 24 | 2,160 | Bright | zS | 635.3 | 338 | SupplierStandard | 287 | 30 |
| 103102404300279 | 24 | 2,160 | Galvanized | sZ | 635.3 | 338 | SupplierStandard | 287 | 30 |
| 103102403300279 | 24 | 2,160 | Galvanized | zS | 635.3 | 338 | SupplierStandard | 287 | 30 |
| 103102504070279 | 25 | 1,960 | Bright | sZ | 639.6 | 367 | SupplierStandard | 311 | 30 |
| 103102503070279 | 25 | 1,960 | Bright | zS | 639.6 | 367 | SupplierStandard | 311 | 30 |
| 103102504270279 | 25 | 1,960 | Galvanized | sZ | 639.6 | 367 | SupplierStandard | 311 | 30 |
| 103102503270279 | 25 | 1,960 | Galvanized | zS | 639.6 | 367 | SupplierStandard | 311 | 30 |
| 103102504100279 | 25 | 2,160 | Bright | sZ | 689.3 | 367 | SupplierStandard | 311 | 30 |
| 103102503100279 | 25 | 2,160 | Bright | zS | 689.3 | 367 | SupplierStandard | 311 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103102504300279 | 25 | 2,160 | Galvanized | sZ | 689.3 | 367 | SupplierStandard | 311 | 30 |
| 103102503300279 | 25 | 2,160 | Galvanized | zS | 689.3 | 367 | SupplierStandard | 311 | 30 |
| 103102604070279 | 26 | 1,960 | Bright | sZ | 691.8 | 397 | SupplierStandard | 337 | 30 |
| 103102603070279 | 26 | 1,960 | Bright | zS | 691.8 | 397 | SupplierStandard | 337 | 30 |
| 103102604270279 | 26 | 1,960 | Galvanized | sZ | 691.8 | 397 | SupplierStandard | 337 | 30 |
| 103102603270279 | 26 | 1,960 | Galvanized | zS | 691.8 | 397 | SupplierStandard | 337 | 30 |
| 103102604100279 | 26 | 2,160 | Bright | sZ | 745.6 | 397 | SupplierStandard | 337 | 30 |
| 103102603100279 | 26 | 2,160 | Bright | zS | 745.6 | 397 | SupplierStandard | 337 | 30 |
| 103102604300279 | 26 | 2,160 | Galvanized | sZ | 745.6 | 397 | SupplierStandard | 337 | 30 |
| 103102603300279 | 26 | 2,160 | Galvanized | zS | 745.6 | 397 | SupplierStandard | 337 | 30 |
| 103102704070279 | 27 | 1,960 | Bright | sZ | 746.1 | 428 | SupplierStandard | 363 | 30 |
| 103102703070279 | 27 | 1,960 | Bright | zS | 746.1 | 428 | SupplierStandard | 363 | 30 |
| 103102704270279 | 27 | 1,960 | Galvanized | sZ | 746.1 | 428 | SupplierStandard | 363 | 30 |
| 103102703270279 | 27 | 1,960 | Galvanized | zS | 746.1 | 428 | SupplierStandard | 363 | 30 |
| 103102704100279 | 27 | 2,160 | Bright | sZ | 804 | 428 | SupplierStandard | 363 | 30 |
| 103102703100279 | 27 | 2,160 | Bright | zS | 804 | 428 | SupplierStandard | 363 | 30 |
| 103102704300279 | 27 | 2,160 | Galvanized | sZ | 804 | 428 | SupplierStandard | 363 | 30 |
| 103102703300279 | 27 | 2,160 | Galvanized | zS | 804 | 428 | SupplierStandard | 363 | 30 |
| 103102804070279 | 28 | 1,960 | Bright | sZ | 802.4 | 460 | SupplierStandard | 391 | 30 |
| 103102803070279 | 28 | 1,960 | Bright | zS | 802.4 | 460 | SupplierStandard | 391 | 30 |
| 103102804270279 | 28 | 1,960 | Galvanized | sZ | 802.4 | 460 | SupplierStandard | 391 | 30 |
| 103102803270279 | 28 | 1,960 | Galvanized | zS | 802.4 | 460 | SupplierStandard | 391 | 30 |
| 103102804100279 | 28 | 2,160 | Bright | sZ | 864.7 | 460 | SupplierStandard | 391 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103102803100279 | 28 | 2,160 | Bright | zS | 864.7 | 460 | SupplierStandard | 391 | 30 |
| 103102804300279 | 28 | 2,160 | Galvanized | sZ | 864.7 | 460 | SupplierStandard | 391 | 30 |
| 103102803300279 | 28 | 2,160 | Galvanized | zS | 864.7 | 460 | SupplierStandard | 391 | 30 |
| 103102904070279 | 29 | 1,960 | Bright | sZ | 860.7 | 493 | SupplierStandard | 419 | 30 |
| 103102903070279 | 29 | 1,960 | Bright | zS | 860.7 | 493 | SupplierStandard | 419 | 30 |
| 103102904270279 | 29 | 1,960 | Galvanized | sZ | 860.7 | 493 | SupplierStandard | 419 | 30 |
| 103102903270279 | 29 | 1,960 | Galvanized | zS | 860.7 | 493 | SupplierStandard | 419 | 30 |
| 103102904100279 | 29 | 2,160 | Bright | sZ | 927.5 | 493 | SupplierStandard | 419 | 30 |
| 103102903100279 | 29 | 2,160 | Bright | zS | 927.5 | 493 | SupplierStandard | 419 | 30 |
| 103102904300279 | 29 | 2,160 | Galvanized | sZ | 927.5 | 493 | SupplierStandard | 419 | 30 |
| 103102903300279 | 29 | 2,160 | Galvanized | zS | 927.5 | 493 | SupplierStandard | 419 | 30 |
| 103103004070279 | 30 | 1,960 | Bright | sZ | 921.1 | 528 | SupplierStandard | 448 | 30 |
| 103103003070279 | 30 | 1,960 | Bright | zS | 921.1 | 528 | SupplierStandard | 448 | 30 |
| 103103004270279 | 30 | 1,960 | Galvanized | sZ | 921.1 | 528 | SupplierStandard | 448 | 30 |
| 103103003270279 | 30 | 1,960 | Galvanized | zS | 921.1 | 528 | SupplierStandard | 448 | 30 |
| 103103004100279 | 30 | 2,160 | Bright | sZ | 992.6 | 528 | SupplierStandard | 448 | 30 |
| 103103003100279 | 30 | 2,160 | Bright | zS | 992.6 | 528 | SupplierStandard | 448 | 30 |
| 103103004300279 | 30 | 2,160 | Galvanized | sZ | 992.6 | 528 | SupplierStandard | 448 | 30 |
| 103103003300279 | 30 | 2,160 | Galvanized | zS | 992.6 | 528 | SupplierStandard | 448 | 30 |
| 103103104070279 | 31 | 1,960 | Bright | sZ | 983.5 | 564 | SupplierStandard | 479 | 30 |
| 103103103070279 | 31 | 1,960 | Bright | zS | 983.5 | 564 | SupplierStandard | 479 | 30 |
| 103103104270279 | 31 | 1,960 | Galvanized | sZ | 983.5 | 564 | SupplierStandard | 479 | 30 |
| 103103103270279 | 31 | 1,960 | Galvanized | zS | 983.5 | 564 | SupplierStandard | 479 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103103104100279 | 31 | 2,160 | Bright | sZ | 1,066 | 564 | SupplierStandard | 479 | 30 |
| 103103103100279 | 31 | 2,160 | Bright | zS | 1,066 | 564 | SupplierStandard | 479 | 30 |
| 103103104300279 | 31 | 2,160 | Galvanized | sZ | 1,066 | 564 | SupplierStandard | 479 | 30 |
| 103103103300279 | 31 | 2,160 | Galvanized | zS | 1,066 | 564 | SupplierStandard | 479 | 30 |
| 103103204070279 | 32 | 1,960 | Bright | sZ | 1,048 | 601 | SupplierStandard | 510 | 30 |
| 103103203070279 | 32 | 1,960 | Bright | zS | 1,048 | 601 | SupplierStandard | 510 | 30 |
| 103103204270279 | 32 | 1,960 | Galvanized | sZ | 1,048 | 601 | SupplierStandard | 510 | 30 |
| 103103203270279 | 32 | 1,960 | Galvanized | zS | 1,048 | 601 | SupplierStandard | 510 | 30 |
| 103103204100279 | 32 | 2,160 | Bright | sZ | 1,129 | 601 | SupplierStandard | 510 | 30 |
| 103103203100279 | 32 | 2,160 | Bright | zS | 1,129 | 601 | SupplierStandard | 510 | 30 |
| 103103204300279 | 32 | 2,160 | Galvanized | sZ | 1,129 | 601 | SupplierStandard | 510 | 30 |
| 103103203300279 | 32 | 2,160 | Galvanized | zS | 1,129 | 601 | SupplierStandard | 510 | 30 |
| 103103304070279 | 33 | 1,960 | Bright | sZ | 1,115 | 639 | SupplierStandard | 542 | 30 |
| 103103303070279 | 33 | 1,960 | Bright | zS | 1,115 | 639 | SupplierStandard | 542 | 30 |
| 103103304270279 | 33 | 1,960 | Galvanized | sZ | 1,115 | 639 | SupplierStandard | 542 | 30 |
| 103103303270279 | 33 | 1,960 | Galvanized | zS | 1,115 | 639 | SupplierStandard | 542 | 30 |
| 103103304100279 | 33 | 2,160 | Bright | sZ | 1,201 | 639 | SupplierStandard | 542 | 30 |
| 103103303100279 | 33 | 2,160 | Bright | zS | 1,201 | 639 | SupplierStandard | 542 | 30 |
| 103103304300279 | 33 | 2,160 | Galvanized | sZ | 1,201 | 639 | SupplierStandard | 542 | 30 |
| 103103303300279 | 33 | 2,160 | Galvanized | zS | 1,201 | 639 | SupplierStandard | 542 | 30 |
| 103103404070279 | 34 | 1,960 | Bright | sZ | 1,183 | 678 | SupplierStandard | 576 | 30 |
| 103103403070279 | 34 | 1,960 | Bright | zS | 1,183 | 678 | SupplierStandard | 576 | 30 |
| 103103404270279 | 34 | 1,960 | Galvanized | sZ | 1,183 | 678 | SupplierStandard | 576 | 30 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103103403270279 | 34 | 1,960 | Galvanized | zS | 1,183 | 678 | SupplierStandard | 576 | 30 |
| 103103404100279 | 34 | 2,160 | Bright | sZ | 1,275 | 678 | SupplierStandard | 576 | 30 |
| 103103403100279 | 34 | 2,160 | Bright | zS | 1,275 | 678 | SupplierStandard | 576 | 30 |
| 103103404300279 | 34 | 2,160 | Galvanized | sZ | 1,275 | 678 | SupplierStandard | 576 | 30 |
| 103103403300279 | 34 | 2,160 | Galvanized | zS | 1,275 | 678 | SupplierStandard | 576 | 30 |
| 103103504070279 | 35 | 1,960 | Bright | sZ | 1,254 | 719 | SupplierStandard | 610 | 30 |
| 103103503070279 | 35 | 1,960 | Bright | zS | 1,254 | 719 | SupplierStandard | 610 | 30 |
| 103103504270279 | 35 | 1,960 | Galvanized | sZ | 1,254 | 719 | SupplierStandard | 610 | 30 |
| 103103503270279 | 35 | 1,960 | Galvanized | zS | 1,254 | 719 | SupplierStandard | 610 | 30 |
| 103103504100279 | 35 | 2,160 | Bright | sZ | 1,351 | 719 | SupplierStandard | 610 | 30 |
| 103103503100279 | 35 | 2,160 | Bright | zS | 1,351 | 719 | SupplierStandard | 610 | 30 |
| 103103504300279 | 35 | 2,160 | Galvanized | sZ | 1,351 | 719 | SupplierStandard | 610 | 30 |
| 103103503300279 | 35 | 2,160 | Galvanized | zS | 1,351 | 719 | SupplierStandard | 610 | 30 |
| 103103604070279 | 36 | 1,960 | Bright | sZ | 1,326 | 760 | SupplierStandard | 646 | 30 |
| 103103603070279 | 36 | 1,960 | Bright | zS | 1,326 | 760 | SupplierStandard | 646 | 30 |
| 103103604270279 | 36 | 1,960 | Galvanized | sZ | 1,326 | 760 | SupplierStandard | 646 | 30 |
| 103103603270279 | 36 | 1,960 | Galvanized | zS | 1,326 | 760 | SupplierStandard | 646 | 30 |
| 103103604100279 | 36 | 2,160 | Bright | sZ | 1,429 | 760 | SupplierStandard | 646 | 30 |
| 103103603100279 | 36 | 2,160 | Bright | zS | 1,429 | 760 | SupplierStandard | 646 | 30 |
| 103103604300279 | 36 | 2,160 | Galvanized | sZ | 1,429 | 760 | SupplierStandard | 646 | 30 |
| 103103603300279 | 36 | 2,160 | Galvanized | zS | 1,429 | 760 | SupplierStandard | 646 | 30 |
| 103103804070279 | 38 | 1,960 | Bright | sZ | 1,478 | 847 | SupplierStandard | 719 | 30 |
| 103103803070279 | 38 | 1,960 | Bright | zS | 1,478 | 847 | SupplierStandard | 719 | 30 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|-----|----|
| 103103804270279 | 38 | 1,960 | Galvanized | sZ | 1,478 | 847 | SupplierStandard | 719 | 30 |
| 103103803270279 | 38 | 1,960 | Galvanized | zS | 1,478 | 847 | SupplierStandard | 719 | 30 |
| 103103804100279 | 38 | 2,160 | Bright | sZ | 1,593 | 847 | SupplierStandard | 719 | 30 |
| 103103803100279 | 38 | 2,160 | Bright | zS | 1,593 | 847 | SupplierStandard | 719 | 30 |
| 103103804300279 | 38 | 2,160 | Galvanized | sZ | 1,593 | 847 | SupplierStandard | 719 | 30 |
| 103103803300279 | 38 | 2,160 | Galvanized | zS | 1,593 | 847 | SupplierStandard | 719 | 30 |
| 103104004070279 | 40 | 1,960 | Bright | sZ | 1,637 | 939 | SupplierStandard | 797 | 30 |
| 103104003070279 | 40 | 1,960 | Bright | zS | 1,637 | 939 | SupplierStandard | 797 | 30 |
| 103104004270279 | 40 | 1,960 | Galvanized | sZ | 1,637 | 939 | SupplierStandard | 797 | 30 |
| 103104003270279 | 40 | 1,960 | Galvanized | zS | 1,637 | 939 | SupplierStandard | 797 | 30 |
| 103104004100279 | 40 | 2,160 | Bright | sZ | 1,765 | 939 | SupplierStandard | 797 | 30 |
| 103104003100279 | 40 | 2,160 | Bright | zS | 1,765 | 939 | SupplierStandard | 797 | 30 |
| 103104004300279 | 40 | 2,160 | Galvanized | sZ | 1,765 | 939 | SupplierStandard | 797 | 30 |
| 103104003300279 | 40 | 2,160 | Galvanized | zS | 1,765 | 939 | SupplierStandard | 797 | 30 |
| 103104204070279 | 42 | 1,960 | Bright | sZ | 1,805 | 1,035 | SupplierStandard | 879 | 30 |
| 103104203070279 | 42 | 1,960 | Bright | zS | 1,805 | 1,035 | SupplierStandard | 879 | 30 |
| 103104204270279 | 42 | 1,960 | Galvanized | sZ | 1,805 | 1,035 | SupplierStandard | 879 | 30 |
| 103104203270279 | 42 | 1,960 | Galvanized | zS | 1,805 | 1,035 | SupplierStandard | 879 | 30 |
| 103104204100279 | 42 | 2,160 | Bright | sZ | 1,946 | 1,035 | SupplierStandard | 879 | 30 |
| 103104203100279 | 42 | 2,160 | Bright | zS | 1,946 | 1,035 | SupplierStandard | 879 | 30 |
| 103104204300279 | 42 | 2,160 | Galvanized | sZ | 1,946 | 1,035 | SupplierStandard | 879 | 30 |
| 103104203300279 | 42 | 2,160 | Galvanized | zS | 1,946 | 1,035 | SupplierStandard | 879 | 30 |
| 103104404070279 | 44 | 1,960 | Bright | sZ | 1,981 | 1,136 | SupplierStandard | 964 | 30 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|-------|----|
| 103104403070279 | 44 | 1,960 | Bright | zS | 1,981 | 1,136 | SupplierStandard | 964 | 30 |
| 103104404270279 | 44 | 1,960 | Galvanized | sZ | 1,981 | 1,136 | SupplierStandard | 964 | 30 |
| 103104403270279 | 44 | 1,960 | Galvanized | zS | 1,981 | 1,136 | SupplierStandard | 964 | 30 |
| 103104404100279 | 44 | 2,160 | Bright | sZ | 2,135 | 1,136 | SupplierStandard | 964 | 30 |
| 103104403100279 | 44 | 2,160 | Bright | zS | 2,135 | 1,136 | SupplierStandard | 964 | 30 |
| 103104404300279 | 44 | 2,160 | Galvanized | sZ | 2,135 | 1,136 | SupplierStandard | 964 | 30 |
| 103104403300279 | 44 | 2,160 | Galvanized | zS | 2,135 | 1,136 | SupplierStandard | 964 | 30 |
| 103104504070279 | 45 | 1,960 | Bright | sZ | 2,072 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104503070279 | 45 | 1,960 | Bright | zS | 2,072 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104504270279 | 45 | 1,960 | Galvanized | sZ | 2,072 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104503270279 | 45 | 1,960 | Galvanized | zS | 2,072 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104504100279 | 45 | 2,160 | Bright | sZ | 2,233 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104503100279 | 45 | 2,160 | Bright | zS | 2,233 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104504300279 | 45 | 2,160 | Galvanized | sZ | 2,233 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104503300279 | 45 | 2,160 | Galvanized | zS | 2,233 | 1,188 | SupplierStandard | 1,009 | 30 |
| 103104604070279 | 46 | 1,960 | Bright | sZ | 2,166 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104603070279 | 46 | 1,960 | Bright | zS | 2,166 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104604270279 | 46 | 1,960 | Galvanized | sZ | 2,166 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104603270279 | 46 | 1,960 | Galvanized | zS | 2,166 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104604100279 | 46 | 2,160 | Bright | sZ | 2,334 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104603100279 | 46 | 2,160 | Bright | zS | 2,334 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104604300279 | 46 | 2,160 | Galvanized | sZ | 2,334 | 1,241 | SupplierStandard | 1,054 | 30 |
| 103104603300279 | 46 | 2,160 | Galvanized | zS | 2,334 | 1,241 | SupplierStandard | 1,054 | 30 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|-------|----|
| 103104804070279 | 48 | 1,960 | Bright | sZ | 2,358 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104803070279 | 48 | 1,960 | Bright | zS | 2,358 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104804270279 | 48 | 1,960 | Galvanized | sZ | 2,358 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104803270279 | 48 | 1,960 | Galvanized | zS | 2,358 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104804100279 | 48 | 2,160 | Bright | sZ | 2,541 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104803100279 | 48 | 2,160 | Bright | zS | 2,541 | 1,352 | SupplierStandard | 1,148 | 30 |
| 103104804300279 | 48 | 2,160 | Galvanized | sZ | 2,541 | 135 | SupplierStandard | 1,148 | 30 |
| 103104803300279 | 48 | 2,160 | Galvanized | zS | 2,541 | 1,352 | SupplierStandard | 1,148 | 30 |

Technical data