

Steel Wire Rope verotech 10

Product information



Wire rope construction: verotech 10 is a very flexible 10-strand, non-rotation-resistant rope in parallel lay construction with compacted strands and a rope core covered with a plastic layer.

Features:

- Very high breaking strength.
- Very stabile rope construction with very good fatigue properties.
- A plastic layer between inner and outer strands prevents inner wear and protects the core from corrosion.
- Very high resistance against flattening and wear.
- Specially suitable for multilayer spooling.

ISO 4309 Rope Category No: All Diameters **RCN.11.**

Marking: According to standard

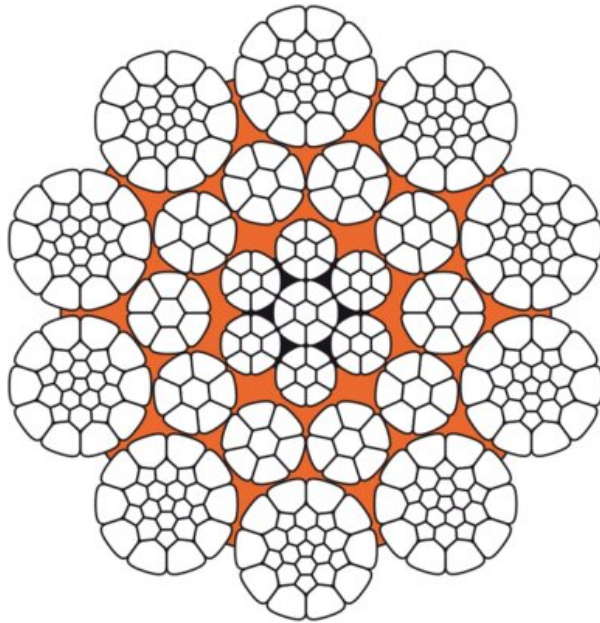
Standard: EN 12385-4

Note: verotech 10 may not be used with a swivel.

Fill factor: 0.732

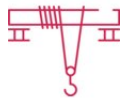
RCN: 11

Tolerance Ø: +2% to +4%



Overhead cranes

Ladle 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 |
|-----------------|-------------------|------------------------------------|------------|-----------|-------------------------|----------------------------|------------------|----------------|---------------|
| 103100604070339 | 6 | 1,960 | Bright | sZ | 34.9 | 21 | SupplierStandard | 18 | 20 |
| 103100603070339 | 6 | 1,960 | Bright | zS | 34.9 | 21 | SupplierStandard | 18 | 20 |
| 103100604270339 | 6 | 1,960 | Galvanized | sZ | 34.9 | 21 | SupplierStandard | 18 | 20 |

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| 103100603270339 | 6 | 1,960 | Galvanized | zS | 34.9 | 21 | SupplierStandard | 18 | 20 |
| 103100604100339 | 6 | 2,160 | Bright | sZ | 38 | 21 | SupplierStandard | 18 | 20 |
| 103100603100339 | 6 | 2,160 | Bright | zS | 38 | 21 | SupplierStandard | 18 | 20 |
| 103100604300339 | 6 | 2,160 | Galvanized | sZ | 38 | 21 | SupplierStandard | 18 | 20 |
| 103100603300339 | 6 | 2,160 | Galvanized | zS | 38 | 21 | SupplierStandard | 18 | 20 |
| 103100704070339 | 7 | 1,960 | Bright | sZ | 47.5 | 28 | SupplierStandard | 24 | 20 |
| 103100703070339 | 7 | 1,960 | Bright | zS | 47.5 | 28 | SupplierStandard | 24 | 20 |
| 103100704270339 | 7 | 1,960 | Galvanized | sZ | 47.5 | 28 | SupplierStandard | 24 | 20 |
| 103100703270339 | 7 | 1,960 | Galvanized | zS | 47.5 | 28 | SupplierStandard | 24 | 20 |
| 103100704100339 | 7 | 2,160 | Bright | sZ | 51.7 | 28 | SupplierStandard | 24 | 20 |
| 103100703100339 | 7 | 2,160 | Bright | zS | 51.7 | 28 | SupplierStandard | 24 | 20 |
| 103100704300339 | 7 | 2,160 | Galvanized | sZ | 51.7 | 28 | SupplierStandard | 24 | 20 |
| 103100703300339 | 7 | 2,160 | Galvanized | zS | 51.7 | 28 | SupplierStandard | 24 | 20 |
| 103100804070339 | 8 | 1,960 | Bright | sZ | 62 | 37 | SupplierStandard | 32 | 20 |
| 103100803070339 | 8 | 1,960 | Bright | zS | 62 | 37 | SupplierStandard | 32 | 20 |
| 103100804270339 | 8 | 1,960 | Galvanized | sZ | 62 | 37 | SupplierStandard | 32 | 20 |
| 103100803270339 | 8 | 1,960 | Galvanized | zS | 62 | 37 | SupplierStandard | 32 | 20 |
| 103100804100339 | 8 | 2,160 | Bright | sZ | 67.6 | 37 | SupplierStandard | 32 | 20 |
| 103100803100339 | 8 | 2,160 | Bright | zS | 67.6 | 37 | SupplierStandard | 32 | 20 |
| 103100804300339 | 8 | 2,160 | Galvanized | sZ | 67.6 | 37 | SupplierStandard | 32 | 20 |
| 103100803300339 | 8 | 2,160 | Galvanized | zS | 67.6 | 37 | SupplierStandard | 32 | 20 |
| 103100904070339 | 9 | 1,960 | Bright | sZ | 78.5 | 47 | SupplierStandard | 40 | 20 |
| 103100903070339 | 9 | 1,960 | Bright | zS | 78.5 | 47 | SupplierStandard | 40 | 20 |

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| 103100904270339 | 9 | 1,960 | Galvanized | sZ | 78.5 | 47 | SupplierStandard | 40 | 20 |
| 103100903270339 | 9 | 1,960 | Galvanized | zS | 78.5 | 47 | SupplierStandard | 40 | 20 |
| 103100904100339 | 9 | 2,160 | Bright | sZ | 85.5 | 47 | SupplierStandard | 40 | 20 |
| 103100903100339 | 9 | 2,160 | Bright | zS | 85.5 | 47 | SupplierStandard | 40 | 20 |
| 103100904300339 | 9 | 2,160 | Galvanized | sZ | 85.5 | 47 | SupplierStandard | 40 | 20 |
| 103100903300339 | 9 | 2,160 | Galvanized | zS | 85.5 | 47 | SupplierStandard | 40 | 20 |
| 103101004070339 | 10 | 1,960 | Bright | sZ | 96.9 | 57 | SupplierStandard | 49 | 20 |
| 103101003070339 | 10 | 1,960 | Bright | zS | 96.9 | 57 | SupplierStandard | 49 | 20 |
| 103101004270339 | 10 | 1,960 | Galvanized | sZ | 96.9 | 57 | SupplierStandard | 49 | 20 |
| 103101003270339 | 10 | 1,960 | Galvanized | zS | 96.9 | 57 | SupplierStandard | 49 | 20 |
| 103101004100339 | 10 | 2,160 | Bright | sZ | 105.6 | 57 | SupplierStandard | 49 | 20 |
| 103101003100339 | 10 | 2,160 | Bright | zS | 105.6 | 57 | SupplierStandard | 49 | 20 |
| 103101004300339 | 10 | 2,160 | Galvanized | sZ | 105.6 | 57 | SupplierStandard | 49 | 20 |
| 103101003300339 | 10 | 2,160 | Galvanized | zS | 105.6 | 57 | SupplierStandard | 49 | 20 |
| 103101104070339 | 11 | 1,960 | Bright | sZ | 117.3 | 70 | SupplierStandard | 60 | 20 |
| 103101103070339 | 11 | 1,960 | Bright | zS | 117.3 | 70 | SupplierStandard | 60 | 20 |
| 103101104270339 | 11 | 1,960 | Galvanized | sZ | 117.3 | 70 | SupplierStandard | 60 | 20 |
| 103101103270339 | 11 | 1,960 | Galvanized | zS | 117.3 | 70 | SupplierStandard | 60 | 20 |
| 103101104100339 | 11 | 2,160 | Bright | sZ | 127.7 | 70 | SupplierStandard | 60 | 20 |
| 103101103100339 | 11 | 2,160 | Bright | zS | 127.7 | 70 | SupplierStandard | 60 | 20 |
| 103101104300339 | 11 | 2,160 | Galvanized | sZ | 127.7 | 70 | SupplierStandard | 60 | 20 |
| 103101103300339 | 11 | 2,160 | Galvanized | zS | 127.7 | 70 | SupplierStandard | 60 | 20 |
| 103101204070339 | 12 | 1,960 | Bright | sZ | 139.5 | 83 | SupplierStandard | 71 | 20 |

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| 103101203070339 | 12 | 1,960 | Bright | zS | 139.5 | 83 | SupplierStandard | 71 | 20 |
| 103101204270339 | 12 | 1,960 | Galvanized | sZ | 139.5 | 83 | SupplierStandard | 71 | 20 |
| 103101203270339 | 12 | 1,960 | Galvanized | zS | 139.5 | 83 | SupplierStandard | 71 | 20 |
| 103101204100339 | 12 | 2,160 | Bright | sZ | 152 | 83 | SupplierStandard | 71 | 20 |
| 103101203100339 | 12 | 2,160 | Bright | zS | 152 | 83 | SupplierStandard | 71 | 20 |
| 103101204300339 | 12 | 2,160 | Galvanized | sZ | 152 | 83 | SupplierStandard | 71 | 20 |
| 103101203300339 | 12 | 2,160 | Galvanized | zS | 152 | 83 | SupplierStandard | 71 | 20 |
| 103101304070339 | 13 | 1,960 | Bright | sZ | 163.8 | 97 | SupplierStandard | 84 | 20 |
| 103101303070339 | 13 | 1,960 | Bright | zS | 163.8 | 97 | SupplierStandard | 84 | 20 |
| 103101304270339 | 13 | 1,960 | Galvanized | sZ | 163.8 | 97 | SupplierStandard | 84 | 20 |
| 103101303270339 | 13 | 1,960 | Galvanized | zS | 163.8 | 97 | SupplierStandard | 84 | 20 |
| 103101304100339 | 13 | 2,160 | Bright | sZ | 178.4 | 97 | SupplierStandard | 84 | 20 |
| 103101303100339 | 13 | 2,160 | Bright | zS | 178.4 | 97 | SupplierStandard | 84 | 20 |
| 103101304300339 | 13 | 2,160 | Galvanized | sZ | 178.4 | 97 | SupplierStandard | 84 | 20 |
| 103101303300339 | 13 | 2,160 | Galvanized | zS | 178.4 | 97 | SupplierStandard | 84 | 20 |
| 103101404070339 | 14 | 1,960 | Bright | sZ | 189.9 | 113 | SupplierStandard | 97 | 20 |
| 103101403070339 | 14 | 1,960 | Bright | zS | 189.9 | 113 | SupplierStandard | 97 | 20 |
| 103101404270339 | 14 | 1,960 | Galvanized | sZ | 189.9 | 113 | SupplierStandard | 97 | 20 |
| 103101403270339 | 14 | 1,960 | Galvanized | zS | 189.9 | 113 | SupplierStandard | 97 | 20 |
| 103101404100339 | 14 | 2,160 | Bright | sZ | 206.9 | 113 | SupplierStandard | 97 | 20 |
| 103101403100339 | 14 | 2,160 | Bright | zS | 206.9 | 113 | SupplierStandard | 97 | 20 |
| 103101404300339 | 14 | 2,160 | Galvanized | sZ | 206.9 | 113 | SupplierStandard | 97 | 20 |
| 103101403300339 | 14 | 2,160 | Galvanized | zS | 206.9 | 113 | SupplierStandard | 97 | 20 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103101504070339 | 15 | 1,960 | Bright | sZ | 218 | 129 | SupplierStandard | 111 | 20 |
| 103101503070339 | 15 | 1,960 | Bright | zS | 218 | 129 | SupplierStandard | 111 | 20 |
| 103101504270339 | 15 | 1,960 | Galvanized | sZ | 218 | 129 | SupplierStandard | 111 | 20 |
| 103101503270339 | 15 | 1,960 | Galvanized | zS | 218 | 129 | SupplierStandard | 111 | 20 |
| 103101504100339 | 15 | 2,160 | Bright | sZ | 237.5 | 129 | SupplierStandard | 111 | 20 |
| 103101503100339 | 15 | 2,160 | Bright | zS | 237.5 | 129 | SupplierStandard | 111 | 20 |
| 103101504300339 | 15 | 2,160 | Galvanized | sZ | 237.5 | 129 | SupplierStandard | 111 | 20 |
| 103101503300339 | 15 | 2,160 | Galvanized | zS | 237.5 | 129 | SupplierStandard | 111 | 20 |
| 103101604070339 | 16 | 1,960 | Bright | sZ | 248.1 | 147 | SupplierStandard | 127 | 20 |
| 103101603070339 | 16 | 1,960 | Bright | zS | 248.1 | 147 | SupplierStandard | 127 | 20 |
| 103101604270339 | 16 | 1,960 | Galvanized | sZ | 248.1 | 147 | SupplierStandard | 127 | 20 |
| 103101603270339 | 16 | 1,960 | Galvanized | zS | 248.1 | 147 | SupplierStandard | 127 | 20 |
| 103101604100339 | 16 | 2,160 | Bright | sZ | 270.2 | 147 | SupplierStandard | 127 | 20 |
| 103101603100339 | 16 | 2,160 | Bright | zS | 270.2 | 147 | SupplierStandard | 127 | 20 |
| 103101604300339 | 16 | 2,160 | Galvanized | sZ | 270.2 | 147 | SupplierStandard | 127 | 20 |
| 103101603300339 | 16 | 2,160 | Galvanized | zS | 270.2 | 147 | SupplierStandard | 127 | 20 |
| 103101704070339 | 17 | 1,960 | Bright | sZ | 280.1 | 166 | SupplierStandard | 143 | 20 |
| 103101703070339 | 17 | 1,960 | Bright | zS | 280.1 | 166 | SupplierStandard | 143 | 20 |
| 103101704270339 | 17 | 1,960 | Galvanized | sZ | 280.1 | 166 | SupplierStandard | 143 | 20 |
| 103101703270339 | 17 | 1,960 | Galvanized | zS | 280.1 | 166 | SupplierStandard | 143 | 20 |
| 103101704100339 | 17 | 2,160 | Bright | sZ | 305.1 | 166 | SupplierStandard | 143 | 20 |
| 103101703100339 | 17 | 2,160 | Bright | zS | 305.1 | 166 | SupplierStandard | 143 | 20 |
| 103101704300339 | 17 | 2,160 | Galvanized | sZ | 305.1 | 166 | SupplierStandard | 143 | 20 |

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| 103101703300339 | 17 | 2,160 | Galvanized | zS | 305.1 | 166 | SupplierStandard | 143 | 20 |
| 103101804070339 | 18 | 1,960 | Bright | sZ | 314 | 186 | SupplierStandard | 160 | 20 |
| 103101803070339 | 18 | 1,960 | Bright | zS | 314 | 186 | SupplierStandard | 160 | 20 |
| 103101804270339 | 18 | 1,960 | Galvanized | sZ | 314 | 186 | SupplierStandard | 160 | 20 |
| 103101803270339 | 18 | 1,960 | Galvanized | zS | 314 | 186 | SupplierStandard | 160 | 20 |
| 103101804100339 | 18 | 2,160 | Bright | sZ | 342 | 186 | SupplierStandard | 160 | 20 |
| 103101803100339 | 18 | 2,160 | Bright | zS | 342 | 186 | SupplierStandard | 160 | 20 |
| 103101804300339 | 18 | 2,160 | Galvanized | sZ | 342 | 186 | SupplierStandard | 160 | 20 |
| 103101803300339 | 18 | 2,160 | Galvanized | zS | 342 | 186 | SupplierStandard | 160 | 20 |
| 103101904070339 | 19 | 1,960 | Bright | sZ | 349.8 | 208 | SupplierStandard | 179 | 20 |
| 103101903070339 | 19 | 1,960 | Bright | zS | 349.8 | 208 | SupplierStandard | 179 | 20 |
| 103101904270339 | 19 | 1,960 | Galvanized | sZ | 349.8 | 208 | SupplierStandard | 179 | 20 |
| 103101903270339 | 19 | 1,960 | Galvanized | zS | 349.8 | 208 | SupplierStandard | 179 | 20 |
| 103101904100339 | 19 | 2,160 | Bright | sZ | 381 | 208 | SupplierStandard | 179 | 20 |
| 103101903100339 | 19 | 2,160 | Bright | zS | 381 | 208 | SupplierStandard | 179 | 20 |
| 103101904300339 | 19 | 2,160 | Galvanized | sZ | 381 | 208 | SupplierStandard | 179 | 20 |
| 103101903300339 | 19 | 2,160 | Galvanized | zS | 381 | 208 | SupplierStandard | 179 | 20 |
| 103102004070339 | 20 | 1,960 | Bright | sZ | 387.6 | 230 | SupplierStandard | 198 | 20 |
| 103102003070339 | 20 | 1,960 | Bright | zS | 387.6 | 230 | SupplierStandard | 198 | 20 |
| 103102004270339 | 20 | 1,960 | Galvanized | sZ | 387.6 | 230 | SupplierStandard | 198 | 20 |
| 103102003270339 | 20 | 1,960 | Galvanized | zS | 387.6 | 230 | SupplierStandard | 198 | 20 |
| 103102004100339 | 20 | 2,160 | Bright | sZ | 422.2 | 230 | SupplierStandard | 198 | 20 |
| 103102003100339 | 20 | 2,160 | Bright | zS | 422.2 | 230 | SupplierStandard | 198 | 20 |

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| 103102004300339 | 20 | 2,160 | Galvanized | sZ | 422.2 | 230 | SupplierStandard | 198 | 20 |
| 103102003300339 | 20 | 2,160 | Galvanized | zS | 422.2 | 230 | SupplierStandard | 198 | 20 |
| 103102104070339 | 21 | 1,960 | Bright | sZ | 427.4 | 254 | SupplierStandard | 218 | 20 |
| 103102103070339 | 21 | 1,960 | Bright | zS | 427.4 | 254 | SupplierStandard | 218 | 20 |
| 103102104270339 | 21 | 1,960 | Galvanized | sZ | 427.4 | 254 | SupplierStandard | 218 | 20 |
| 103102103270339 | 21 | 1,960 | Galvanized | zS | 427.4 | 254 | SupplierStandard | 218 | 20 |
| 103102104100339 | 21 | 2,160 | Bright | sZ | 465.5 | 254 | SupplierStandard | 218 | 20 |
| 103102103100339 | 21 | 2,160 | Bright | zS | 465.5 | 254 | SupplierStandard | 218 | 20 |
| 103102104300339 | 21 | 2,160 | Galvanized | sZ | 465.5 | 254 | SupplierStandard | 218 | 20 |
| 103102103300339 | 21 | 2,160 | Galvanized | zS | 465.5 | 254 | SupplierStandard | 218 | 20 |
| 103102204070339 | 22 | 1,960 | Bright | sZ | 469 | 278 | SupplierStandard | 239 | 20 |
| 103102203070339 | 22 | 1,960 | Bright | zS | 469 | 278 | SupplierStandard | 239 | 20 |
| 103102204270339 | 22 | 1,960 | Galvanized | sZ | 469 | 278 | SupplierStandard | 239 | 20 |
| 103102203270339 | 22 | 1,960 | Galvanized | zS | 469 | 278 | SupplierStandard | 239 | 20 |
| 103102204100339 | 22 | 2,160 | Bright | sZ | 510.9 | 278 | SupplierStandard | 239 | 20 |
| 103102203100339 | 22 | 2,160 | Bright | zS | 510.9 | 278 | SupplierStandard | 239 | 20 |
| 103102204300339 | 22 | 2,160 | Galvanized | sZ | 510.9 | 278 | SupplierStandard | 239 | 20 |
| 103102203300339 | 22 | 2,160 | Galvanized | zS | 510.9 | 278 | SupplierStandard | 239 | 20 |
| 103102304070339 | 23 | 1,960 | Bright | sZ | 512.6 | 304 | SupplierStandard | 262 | 20 |
| 103102303070339 | 23 | 1,960 | Bright | zS | 512.6 | 304 | SupplierStandard | 262 | 20 |
| 103102304270339 | 23 | 1,960 | Galvanized | sZ | 512.6 | 304 | SupplierStandard | 262 | 20 |
| 103102303270339 | 23 | 1,960 | Galvanized | zS | 512.6 | 304 | SupplierStandard | 262 | 20 |
| 103102304100339 | 23 | 2,160 | Bright | sZ | 558.4 | 304 | SupplierStandard | 262 | 20 |

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| 103102303100339 | 23 | 2,160 | Bright | zS | 558.4 | 304 | SupplierStandard | 262 | 20 |
| 103102304300339 | 23 | 2,160 | Galvanized | sZ | 558.4 | 304 | SupplierStandard | 262 | 20 |
| 103102303300339 | 23 | 2,160 | Galvanized | zS | 558.4 | 304 | SupplierStandard | 262 | 20 |
| 103102404070339 | 24 | 1,960 | Bright | sZ | 558.2 | 331 | SupplierStandard | 285 | 20 |
| 103102403070339 | 24 | 1,960 | Bright | zS | 558.2 | 331 | SupplierStandard | 285 | 20 |
| 103102404270339 | 24 | 1,960 | Galvanized | sZ | 558.2 | 331 | SupplierStandard | 285 | 20 |
| 103102403270339 | 24 | 1,960 | Galvanized | zS | 558.2 | 331 | SupplierStandard | 285 | 20 |
| 103102404100339 | 24 | 2,160 | Bright | sZ | 608 | 331 | SupplierStandard | 285 | 20 |
| 103102403100339 | 24 | 2,160 | Bright | zS | 608 | 331 | SupplierStandard | 285 | 20 |
| 103102404300339 | 24 | 2,160 | Galvanized | sZ | 608 | 331 | SupplierStandard | 285 | 20 |
| 103102403300339 | 24 | 2,160 | Galvanized | zS | 608 | 331 | SupplierStandard | 285 | 20 |
| 103102504070339 | 25 | 1,960 | Bright | sZ | 605.7 | 359 | SupplierStandard | 309 | 20 |
| 103102503070339 | 25 | 1,960 | Bright | zS | 605.7 | 359 | SupplierStandard | 309 | 20 |
| 103102504270339 | 25 | 1,960 | Galvanized | sZ | 605.7 | 359 | SupplierStandard | 309 | 20 |
| 103102503270339 | 25 | 1,960 | Galvanized | zS | 605.7 | 359 | SupplierStandard | 309 | 20 |
| 103102504100339 | 25 | 2,160 | Bright | sZ | 659.7 | 359 | SupplierStandard | 309 | 20 |
| 103102503100339 | 25 | 2,160 | Bright | zS | 659.7 | 359 | SupplierStandard | 309 | 20 |
| 103102504300339 | 25 | 2,160 | Galvanized | sZ | 659.7 | 359 | SupplierStandard | 309 | 20 |
| 103102503300339 | 25 | 2,160 | Galvanized | zS | 659.7 | 359 | SupplierStandard | 309 | 20 |
| 103102604070339 | 26 | 1,960 | Bright | sZ | 655.1 | 389 | SupplierStandard | 334 | 20 |
| 103102603070339 | 26 | 1,960 | Bright | zS | 655.1 | 389 | SupplierStandard | 334 | 20 |
| 103102604270339 | 26 | 1,960 | Galvanized | sZ | 655.1 | 389 | SupplierStandard | 334 | 20 |
| 103102603270339 | 26 | 1,960 | Galvanized | zS | 655.1 | 389 | SupplierStandard | 334 | 20 |

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|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103102604100339 | 26 | 2,160 | Bright | sZ | 713.5 | 389 | SupplierStandard | 334 | 20 |
| 103102603100339 | 26 | 2,160 | Bright | zS | 713.5 | 389 | SupplierStandard | 334 | 20 |
| 103102604300339 | 26 | 2,160 | Galvanized | sZ | 713.5 | 389 | SupplierStandard | 334 | 20 |
| 103102603300339 | 26 | 2,160 | Galvanized | zS | 713.5 | 389 | SupplierStandard | 334 | 20 |
| 103102704070339 | 27 | 1,960 | Bright | sZ | 706.5 | 419 | SupplierStandard | 360 | 20 |
| 103102703070339 | 27 | 1,960 | Bright | zS | 706.5 | 419 | SupplierStandard | 360 | 20 |
| 103102704270339 | 27 | 1,960 | Galvanized | sZ | 706.5 | 419 | SupplierStandard | 360 | 20 |
| 103102703270339 | 27 | 1,960 | Galvanized | zS | 706.5 | 419 | SupplierStandard | 360 | 20 |
| 103102704100339 | 27 | 2,160 | Bright | sZ | 769.5 | 419 | SupplierStandard | 360 | 20 |
| 103102703100339 | 27 | 2,160 | Bright | zS | 769.5 | 419 | SupplierStandard | 360 | 20 |
| 103102704300339 | 27 | 2,160 | Galvanized | sZ | 769.5 | 419 | SupplierStandard | 360 | 20 |
| 103102703300339 | 27 | 2,160 | Galvanized | zS | 769.5 | 419 | SupplierStandard | 360 | 20 |
| 103102804070339 | 28 | 1,960 | Bright | sZ | 759.8 | 451 | SupplierStandard | 388 | 20 |
| 103102803070339 | 28 | 1,960 | Bright | zS | 759.8 | 451 | SupplierStandard | 388 | 20 |
| 103102804270339 | 28 | 1,960 | Galvanized | sZ | 759.8 | 451 | SupplierStandard | 388 | 20 |
| 103102803270339 | 28 | 1,960 | Galvanized | zS | 759.8 | 451 | SupplierStandard | 388 | 20 |
| 103102804100339 | 28 | 2,160 | Bright | sZ | 827.5 | 451 | SupplierStandard | 388 | 20 |
| 103102803100339 | 28 | 2,160 | Bright | zS | 827.5 | 451 | SupplierStandard | 388 | 20 |
| 103102804300339 | 28 | 2,160 | Galvanized | sZ | 827.5 | 451 | SupplierStandard | 388 | 20 |
| 103102803300339 | 28 | 2,160 | Galvanized | zS | 827.5 | 451 | SupplierStandard | 388 | 20 |
| 103102904070339 | 29 | 1,960 | Bright | sZ | 815 | 484 | SupplierStandard | 416 | 20 |
| 103102903070339 | 29 | 1,960 | Bright | zS | 815 | 484 | SupplierStandard | 416 | 20 |
| 103102904270339 | 29 | 1,960 | Galvanized | sZ | 815 | 484 | SupplierStandard | 416 | 20 |

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| 103102903270339 | 29 | 1,960 | Galvanized | zS | 815 | 484 | SupplierStandard | 416 | 20 |
| 103102904100339 | 29 | 2,160 | Bright | sZ | 887.7 | 484 | SupplierStandard | 416 | 20 |
| 103102903100339 | 29 | 2,160 | Bright | zS | 887.7 | 484 | SupplierStandard | 416 | 20 |
| 103102904300339 | 29 | 2,160 | Galvanized | sZ | 887.7 | 484 | SupplierStandard | 416 | 20 |
| 103102903300339 | 29 | 2,160 | Galvanized | zS | 887.7 | 484 | SupplierStandard | 416 | 20 |
| 103103004070339 | 30 | 1,960 | Bright | sZ | 872.2 | 517 | SupplierStandard | 445 | 20 |
| 103103003070339 | 30 | 1,960 | Bright | zS | 872.2 | 517 | SupplierStandard | 445 | 20 |
| 103103004270339 | 30 | 1,960 | Galvanized | sZ | 872.2 | 517 | SupplierStandard | 445 | 20 |
| 103103003270339 | 30 | 1,960 | Galvanized | zS | 872.2 | 517 | SupplierStandard | 445 | 20 |
| 103103004100339 | 30 | 2,160 | Bright | sZ | 950 | 517 | SupplierStandard | 445 | 20 |
| 103103003100339 | 30 | 2,160 | Bright | zS | 950 | 517 | SupplierStandard | 445 | 20 |
| 103103004300339 | 30 | 2,160 | Galvanized | sZ | 950 | 517 | SupplierStandard | 445 | 20 |
| 103103003300339 | 30 | 2,160 | Galvanized | zS | 950 | 517 | SupplierStandard | 445 | 20 |
| 103103104070339 | 31 | 1,960 | Bright | sZ | 931.3 | 552 | SupplierStandard | 475 | 20 |
| 103103103070339 | 31 | 1,960 | Bright | zS | 931.3 | 552 | SupplierStandard | 475 | 20 |
| 103103104270339 | 31 | 1,960 | Galvanized | sZ | 931.3 | 552 | SupplierStandard | 475 | 20 |
| 103103103270339 | 31 | 1,960 | Galvanized | zS | 931.3 | 552 | SupplierStandard | 475 | 20 |
| 103103104100339 | 31 | 2,160 | Bright | sZ | 1,014 | 552 | SupplierStandard | 475 | 20 |
| 103103103100339 | 31 | 2,160 | Bright | zS | 1,014 | 552 | SupplierStandard | 475 | 20 |
| 103103104300339 | 31 | 2,160 | Galvanized | sZ | 1,014 | 552 | SupplierStandard | 475 | 20 |
| 103103103300339 | 31 | 2,160 | Galvanized | zS | 1,014 | 552 | SupplierStandard | 475 | 20 |
| 103103204070339 | 32 | 1,960 | Bright | sZ | 992.3 | 589 | SupplierStandard | 506 | 20 |
| 103103203070339 | 32 | 1,960 | Bright | zS | 992.3 | 589 | SupplierStandard | 506 | 20 |

| | | | | | | | | | |
|-----------------|----|-------|------------|----|-------|-----|------------------|-----|----|
| 103103204270339 | 32 | 1,960 | Galvanized | sZ | 992.3 | 589 | SupplierStandard | 506 | 20 |
| 103103203270339 | 32 | 1,960 | Galvanized | zS | 992.3 | 589 | SupplierStandard | 506 | 20 |
| 103103204100339 | 32 | 2,160 | Bright | sZ | 1,081 | 589 | SupplierStandard | 506 | 20 |
| 103103203100339 | 32 | 2,160 | Bright | zS | 1,081 | 589 | SupplierStandard | 506 | 20 |
| 103103204300339 | 32 | 2,160 | Galvanized | sZ | 1,081 | 589 | SupplierStandard | 506 | 20 |
| 103103203300339 | 32 | 2,160 | Galvanized | zS | 1,081 | 589 | SupplierStandard | 506 | 20 |
| 103103304070339 | 33 | 1,960 | Bright | sZ | 1,055 | 626 | SupplierStandard | 538 | 20 |
| 103103303070339 | 33 | 1,960 | Bright | zS | 1,055 | 626 | SupplierStandard | 538 | 20 |
| 103103304270339 | 33 | 1,960 | Galvanized | sZ | 1,055 | 626 | SupplierStandard | 538 | 20 |
| 103103303270339 | 33 | 1,960 | Galvanized | zS | 1,055 | 626 | SupplierStandard | 538 | 20 |
| 103103304100339 | 33 | 2,160 | Bright | sZ | 1,149 | 626 | SupplierStandard | 538 | 20 |
| 103103303100339 | 33 | 2,160 | Bright | zS | 1,149 | 626 | SupplierStandard | 538 | 20 |
| 103103304300339 | 33 | 2,160 | Galvanized | sZ | 1,149 | 626 | SupplierStandard | 538 | 20 |
| 103103303300339 | 33 | 2,160 | Galvanized | zS | 1,149 | 626 | SupplierStandard | 538 | 20 |
| 103103404070339 | 34 | 1,960 | Bright | sZ | 1,120 | 665 | SupplierStandard | 572 | 20 |
| 103103403070339 | 34 | 1,960 | Bright | zS | 1,120 | 665 | SupplierStandard | 572 | 20 |
| 103103404270339 | 34 | 1,960 | Galvanized | sZ | 1,120 | 665 | SupplierStandard | 572 | 20 |
| 103103403270339 | 34 | 1,960 | Galvanized | zS | 1,120 | 665 | SupplierStandard | 572 | 20 |
| 103103404100339 | 34 | 2,160 | Bright | sZ | 1,220 | 665 | SupplierStandard | 572 | 20 |
| 103103403100339 | 34 | 2,160 | Bright | zS | 1,220 | 665 | SupplierStandard | 572 | 20 |
| 103103404300339 | 34 | 2,160 | Galvanized | sZ | 1,220 | 665 | SupplierStandard | 572 | 20 |
| 103103403300339 | 34 | 2,160 | Galvanized | zS | 1,220 | 665 | SupplierStandard | 572 | 20 |

Technical data