



Offshore crane



## Steel Wire Rope verotop XP

### Product information



**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**

**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%

| Part Code       | Rope Diameter, mm | Tensile strength N/mm <sup>2</sup> | Steel area mm <sup>2</sup> | Min. Breaking force kN | Finish     | Rope lay. | Weight kg/100m | Delivery time |
|-----------------|-------------------|------------------------------------|----------------------------|------------------------|------------|-----------|----------------|---------------|
| 104101205070169 | 12                | 1,960                              | 84                         | 140.4                  | Bright     | sS        | 72             | 10            |
| 104101206070169 | 12                | 1,960                              | 84                         | 140.4                  | Bright     | zZ        | 72             | 10            |
| 104101205270169 | 12                | 1,960                              | 84                         | 140.4                  | Galvanized | sS        | 72             | 10            |

|                 |      |       |    |       |            |    |    |    |
|-----------------|------|-------|----|-------|------------|----|----|----|
| 104101206270169 | 12   | 1,960 | 84 | 140.4 | Galvanized | zZ | 72 | 10 |
| 104101204070169 | 12   | 1,960 | 84 | 140.4 | Bright     | sZ | 72 | 10 |
| 104101204270169 | 12   | 1,960 | 84 | 140.4 | Galvanized | sZ | 72 | 10 |
| 104101205100169 | 12   | 2,160 | 84 | 152.9 | Bright     | sS | 72 | 10 |
| 104101206100169 | 12   | 2,160 | 84 | 152.9 | Bright     | zZ | 72 | 10 |
| 104101205300169 | 12   | 2,160 | 84 | 152.9 | Galvanized | sS | 72 | 10 |
| 104101206300169 | 12   | 2,160 | 84 | 152.9 | Galvanized | zZ | 72 | 10 |
| 104101204100169 | 12   | 2,160 | 84 | 152.9 | Bright     | sZ | 72 | 10 |
| 104101204300169 | 12   | 2,160 | 84 | 152.9 | Galvanized | sZ | 72 | 10 |
| 104101275070169 | 12.7 | 1,960 | 94 | 157.2 | Bright     | sS | 81 | 10 |
| 104101276070169 | 12.7 | 1,960 | 94 | 157.2 | Bright     | zZ | 81 | 10 |
| 104101275270169 | 12.7 | 1,960 | 94 | 157.2 | Galvanized | sS | 81 | 10 |
| 104101276270169 | 12.7 | 1,960 | 94 | 157.2 | Galvanized | zZ | 81 | 10 |
| 104101274070169 | 12.7 | 1,960 | 94 | 157.2 | Bright     | sZ | 81 | 10 |
| 104101274270169 | 12.7 | 1,960 | 94 | 157.2 | Galvanized | sZ | 81 | 10 |
| 104101275100169 | 12.7 | 2,160 | 94 | 171.2 | Bright     | sS | 81 | 10 |
| 104101276100169 | 12.7 | 2,160 | 94 | 171.2 | Bright     | zZ | 81 | 10 |
| 104101275300169 | 12.7 | 2,160 | 94 | 171.2 | Galvanized | sS | 81 | 10 |
| 104101276300169 | 12.7 | 2,160 | 94 | 171.2 | Galvanized | zZ | 81 | 10 |
| 104101274100169 | 12.7 | 2,160 | 94 | 171.2 | Bright     | sZ | 81 | 10 |
| 104101274300169 | 12.7 | 2,160 | 94 | 171.2 | Galvanized | sZ | 81 | 10 |
| 104101305070169 | 13   | 1,960 | 99 | 164.7 | Bright     | sS | 84 | 10 |
| 104101306070169 | 13   | 1,960 | 99 | 164.7 | Bright     | zZ | 84 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104101305270169 | 13 | 1,960 | 99  | 164.7 | Galvanized | sS | 84  | 10 |
| 104101306270169 | 13 | 1,960 | 99  | 164.7 | Galvanized | zZ | 84  | 10 |
| 104101304070169 | 13 | 1,960 | 99  | 164.7 | Bright     | sZ | 84  | 10 |
| 104101304270169 | 13 | 1,960 | 99  | 164.7 | Galvanized | sZ | 84  | 10 |
| 104101305100169 | 13 | 2,160 | 99  | 179.4 | Bright     | sS | 84  | 10 |
| 104101306100169 | 13 | 2,160 | 99  | 179.4 | Bright     | zZ | 84  | 10 |
| 104101305300169 | 13 | 2,160 | 99  | 179.4 | Galvanized | sS | 84  | 10 |
| 104101306300169 | 13 | 2,160 | 99  | 179.4 | Galvanized | zZ | 84  | 10 |
| 104101304100169 | 13 | 2,160 | 99  | 179.4 | Bright     | sZ | 84  | 10 |
| 104101304300169 | 13 | 2,160 | 99  | 179.4 | Galvanized | sZ | 84  | 10 |
| 104101405070169 | 14 | 1,960 | 115 | 191   | Bright     | sS | 98  | 10 |
| 104101406070169 | 14 | 1,960 | 115 | 191   | Bright     | zZ | 98  | 10 |
| 104101405270169 | 14 | 1,960 | 115 | 191   | Galvanized | sS | 98  | 10 |
| 104101406270169 | 14 | 1,960 | 115 | 191   | Galvanized | zZ | 98  | 10 |
| 104101404070169 | 14 | 1,960 | 115 | 191   | Bright     | sZ | 98  | 10 |
| 104101404270169 | 14 | 1,960 | 115 | 191   | Galvanized | sZ | 98  | 10 |
| 104101405100169 | 14 | 2,160 | 115 | 208.1 | Bright     | sS | 98  | 10 |
| 104101406100169 | 14 | 2,160 | 115 | 208.1 | Bright     | zZ | 98  | 10 |
| 104101405300169 | 14 | 2,160 | 115 | 208.1 | Galvanized | sS | 98  | 10 |
| 104101406300169 | 14 | 2,160 | 115 | 208.1 | Galvanized | zZ | 98  | 10 |
| 104101404100169 | 14 | 2,160 | 115 | 208.1 | Bright     | sZ | 98  | 10 |
| 104101404300169 | 14 | 2,160 | 115 | 208.1 | Galvanized | sZ | 98  | 10 |
| 104101505070169 | 15 | 1,960 | 132 | 219.3 | Bright     | sS | 113 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104101506070169 | 15 | 1,960 | 132 | 219.3 | Bright     | zZ | 113 | 10 |
| 104101505270169 | 15 | 1,960 | 132 | 219.3 | Galvanized | sS | 113 | 10 |
| 104101506270169 | 15 | 1,960 | 132 | 219.3 | Galvanized | zZ | 113 | 10 |
| 104101504070169 | 15 | 1,960 | 132 | 219.3 | Bright     | sZ | 113 | 10 |
| 104101504270169 | 15 | 1,960 | 132 | 219.3 | Galvanized | sZ | 113 | 10 |
| 104101505100169 | 15 | 2,160 | 132 | 238.9 | Bright     | sS | 113 | 10 |
| 104101506100169 | 15 | 2,160 | 132 | 238.9 | Bright     | zZ | 113 | 10 |
| 104101505300169 | 15 | 2,160 | 132 | 238.9 | Galvanized | sS | 113 | 10 |
| 104101506300169 | 15 | 2,160 | 132 | 238.9 | Galvanized | zZ | 113 | 10 |
| 104101504100169 | 15 | 2,160 | 132 | 238.9 | Bright     | sZ | 113 | 10 |
| 104101504300169 | 15 | 2,160 | 132 | 238.9 | Galvanized | sZ | 113 | 10 |
| 104101605070169 | 16 | 1,960 | 150 | 249.6 | Bright     | sS | 128 | 10 |
| 104101606070169 | 16 | 1,960 | 150 | 249.6 | Bright     | zZ | 128 | 10 |
| 104101605270169 | 16 | 1,960 | 150 | 249.6 | Galvanized | sS | 128 | 10 |
| 104101606270169 | 16 | 1,960 | 150 | 249.6 | Galvanized | zZ | 128 | 10 |
| 104101604070169 | 16 | 1,960 | 150 | 249.6 | Bright     | sZ | 128 | 10 |
| 104101604270169 | 16 | 1,960 | 150 | 249.6 | Galvanized | sZ | 128 | 10 |
| 104101605100169 | 16 | 2,160 | 150 | 271.8 | Bright     | sS | 128 | 10 |
| 104101606100169 | 16 | 2,160 | 150 | 271.8 | Bright     | zZ | 128 | 10 |
| 104101605300169 | 16 | 2,160 | 150 | 271.8 | Galvanized | sS | 128 | 10 |
| 104101606300169 | 16 | 2,160 | 150 | 271.8 | Galvanized | zZ | 128 | 10 |
| 104101604100169 | 16 | 2,160 | 150 | 271.8 | Bright     | sZ | 128 | 10 |
| 104101604300169 | 16 | 2,160 | 150 | 271.8 | Galvanized | sZ | 128 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104101705070169 | 17 | 1,960 | 169 | 281.7 | Bright     | sS | 145 | 10 |
| 104101706070169 | 17 | 1,960 | 169 | 281.7 | Bright     | zZ | 145 | 10 |
| 104101705270169 | 17 | 1,960 | 169 | 281.7 | Galvanized | sS | 145 | 10 |
| 104101706270169 | 17 | 1,960 | 169 | 281.7 | Galvanized | zZ | 145 | 10 |
| 104101704070169 | 17 | 1,960 | 169 | 281.7 | Bright     | sZ | 145 | 10 |
| 104101704270169 | 17 | 1,960 | 169 | 281.7 | Galvanized | sZ | 145 | 10 |
| 104101705100169 | 17 | 2,160 | 169 | 306.8 | Bright     | sS | 145 | 10 |
| 104101706100169 | 17 | 2,160 | 169 | 306.8 | Bright     | zZ | 145 | 10 |
| 104101705300169 | 17 | 2,160 | 169 | 306.8 | Galvanized | sS | 145 | 10 |
| 104101706300169 | 17 | 2,160 | 169 | 306.8 | Galvanized | zZ | 145 | 10 |
| 104101704100169 | 17 | 2,160 | 169 | 306.8 | Bright     | sZ | 145 | 10 |
| 104101704300169 | 17 | 2,160 | 169 | 306.8 | Galvanized | sZ | 145 | 10 |
| 104101805070169 | 18 | 1,960 | 190 | 315.8 | Bright     | sS | 162 | 10 |
| 104101806070169 | 18 | 1,960 | 190 | 315.8 | Bright     | zZ | 162 | 10 |
| 104101805270169 | 18 | 1,960 | 190 | 315.8 | Galvanized | sS | 162 | 10 |
| 104101806270169 | 18 | 1,960 | 190 | 315.8 | Galvanized | zZ | 162 | 10 |
| 104101804070169 | 18 | 1,960 | 190 | 315.8 | Bright     | sZ | 162 | 10 |
| 104101804270169 | 18 | 1,960 | 190 | 315.8 | Galvanized | sZ | 162 | 10 |
| 104101805100169 | 18 | 2,160 | 190 | 344   | Bright     | sS | 162 | 10 |
| 104101806100169 | 18 | 2,160 | 190 | 344   | Bright     | zZ | 162 | 10 |
| 104101805300169 | 18 | 2,160 | 190 | 344   | Galvanized | sS | 162 | 10 |
| 104101806300169 | 18 | 2,160 | 190 | 344   | Galvanized | zZ | 162 | 10 |
| 104101804100169 | 18 | 2,160 | 190 | 344   | Bright     | sZ | 162 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104101804300169 | 18 | 2,160 | 190 | 344   | Galvanized | sZ | 162 | 10 |
| 104101905070169 | 19 | 1,960 | 211 | 351.9 | Bright     | sS | 181 | 10 |
| 104101906070169 | 19 | 1,960 | 211 | 351.9 | Bright     | zZ | 181 | 10 |
| 104101905270169 | 19 | 1,960 | 211 | 351.9 | Galvanized | sS | 181 | 10 |
| 104101906270169 | 19 | 1,960 | 211 | 351.9 | Galvanized | zZ | 181 | 10 |
| 104101904070169 | 19 | 1,960 | 211 | 351.9 | Bright     | sZ | 181 | 10 |
| 104101904270169 | 19 | 1,960 | 211 | 351.9 | Galvanized | sZ | 181 | 10 |
| 104101905100169 | 19 | 2,160 | 211 | 383.3 | Bright     | sS | 181 | 10 |
| 104101906100169 | 19 | 2,160 | 211 | 383.3 | Bright     | zZ | 181 | 10 |
| 104101905300169 | 19 | 2,160 | 211 | 383.3 | Galvanized | sS | 181 | 10 |
| 104101906300169 | 19 | 2,160 | 211 | 383.3 | Galvanized | zZ | 181 | 10 |
| 104101904100169 | 19 | 2,160 | 211 | 383.3 | Bright     | sZ | 181 | 10 |
| 104101904300169 | 19 | 2,160 | 211 | 383.3 | Galvanized | sZ | 181 | 10 |
| 104102005070169 | 20 | 1,960 | 234 | 389.9 | Bright     | sS | 200 | 10 |
| 104102006070169 | 20 | 1,960 | 234 | 389.9 | Bright     | zZ | 200 | 10 |
| 104102005270169 | 20 | 1,960 | 234 | 389.9 | Galvanized | sS | 200 | 10 |
| 104102006270169 | 20 | 1,960 | 234 | 389.9 | Galvanized | zZ | 200 | 10 |
| 104102004070169 | 20 | 1,960 | 234 | 389.9 | Bright     | sZ | 200 | 10 |
| 104102004270169 | 20 | 1,960 | 234 | 389.9 | Galvanized | sZ | 200 | 10 |
| 104102005100169 | 20 | 2,160 | 234 | 424.7 | Bright     | sS | 200 | 10 |
| 104102006100169 | 20 | 2,160 | 234 | 424.7 | Bright     | zZ | 200 | 10 |
| 104102005300169 | 20 | 2,160 | 234 | 424.7 | Galvanized | sS | 200 | 10 |
| 104102006300169 | 20 | 2,160 | 234 | 424.7 | Galvanized | zZ | 200 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104102004100169 | 20 | 2,160 | 234 | 424.7 | Bright     | sZ | 200 | 10 |
| 104102004300169 | 20 | 2,160 | 234 | 424.7 | Galvanized | sZ | 200 | 10 |
| 104102105070169 | 21 | 1,960 | 258 | 429.9 | Bright     | sS | 221 | 10 |
| 104102106070169 | 21 | 1,960 | 258 | 429.9 | Bright     | zZ | 221 | 10 |
| 104102105270169 | 21 | 1,960 | 258 | 429.9 | Galvanized | sS | 221 | 10 |
| 104102106270169 | 21 | 1,960 | 258 | 429.9 | Galvanized | zZ | 221 | 10 |
| 104102104070169 | 21 | 1,960 | 258 | 429.9 | Bright     | sZ | 221 | 10 |
| 104102104270169 | 21 | 1,960 | 258 | 429.9 | Galvanized | sZ | 221 | 10 |
| 104102105100169 | 21 | 2,160 | 258 | 468.2 | Bright     | sS | 221 | 10 |
| 104102106100169 | 21 | 2,160 | 258 | 468.2 | Bright     | zZ | 221 | 10 |
| 104102105300169 | 21 | 2,160 | 258 | 468.2 | Galvanized | sS | 221 | 10 |
| 104102106300169 | 21 | 2,160 | 258 | 468.2 | Galvanized | zZ | 221 | 10 |
| 104102104100169 | 21 | 2,160 | 258 | 468.2 | Bright     | sZ | 221 | 10 |
| 104102104300169 | 21 | 2,160 | 258 | 468.2 | Galvanized | sZ | 221 | 10 |
| 104102205070169 | 22 | 1,960 | 283 | 471.8 | Bright     | sS | 242 | 10 |
| 104102206070169 | 22 | 1,960 | 283 | 471.8 | Bright     | zZ | 242 | 10 |
| 104102205270169 | 22 | 1,960 | 283 | 471.8 | Galvanized | sS | 242 | 10 |
| 104102206270169 | 22 | 1,960 | 283 | 471.8 | Galvanized | zZ | 242 | 10 |
| 104102204070169 | 22 | 1,960 | 283 | 471.8 | Bright     | sZ | 242 | 10 |
| 104102204270169 | 22 | 1,960 | 283 | 471.8 | Galvanized | sZ | 242 | 10 |
| 104102205100169 | 22 | 2,160 | 283 | 513.8 | Bright     | sS | 242 | 10 |
| 104102206100169 | 22 | 2,160 | 283 | 513.8 | Bright     | zZ | 242 | 10 |
| 104102205300169 | 22 | 2,160 | 283 | 513.8 | Galvanized | sS | 242 | 10 |

|                 |      |       |     |       |            |    |     |    |
|-----------------|------|-------|-----|-------|------------|----|-----|----|
| 104102206300169 | 22   | 2,160 | 283 | 513.8 | Galvanized | zZ | 242 | 10 |
| 104102204100169 | 22   | 2,160 | 283 | 513.8 | Bright     | sZ | 242 | 10 |
| 104102204300169 | 22   | 2,160 | 283 | 513.8 | Galvanized | sZ | 242 | 10 |
| 104102245070169 | 22.4 | 1,960 | 288 | 489.1 | Bright     | sS | 251 | 10 |
| 104102246070169 | 22.4 | 1,960 | 288 | 489.1 | Bright     | zZ | 251 | 10 |
| 104102245270169 | 22.4 | 1,960 | 288 | 489.1 | Galvanized | sS | 251 | 10 |
| 104102246270169 | 22.4 | 1,960 | 288 | 489.1 | Galvanized | zZ | 251 | 10 |
| 104102244070169 | 22.4 | 1,960 | 288 | 489.1 | Bright     | sZ | 251 | 10 |
| 104102244270169 | 22.4 | 1,960 | 288 | 489.1 | Galvanized | sZ | 251 | 10 |
| 104102245100169 | 22.4 | 2,160 | 288 | 532.7 | Bright     | sS | 251 | 10 |
| 104102246100169 | 22.4 | 2,160 | 288 | 532.7 | Bright     | zZ | 251 | 10 |
| 104102245300169 | 22.4 | 2,160 | 288 | 532.7 | Galvanized | sS | 251 | 10 |
| 104102246300169 | 22.4 | 2,160 | 288 | 532.7 | Galvanized | zZ | 251 | 10 |
| 104102244100169 | 22.4 | 2,160 | 288 | 532.7 | Bright     | sZ | 251 | 10 |
| 104102244300169 | 22.4 | 2,160 | 288 | 532.7 | Galvanized | sZ | 251 | 10 |
| 104102305070169 | 23   | 1,960 | 310 | 515.7 | Bright     | sS | 265 | 10 |
| 104102306070169 | 23   | 1,960 | 310 | 515.7 | Bright     | zZ | 265 | 10 |
| 104102305270169 | 23   | 1,960 | 310 | 515.7 | Galvanized | sS | 265 | 10 |
| 104102306270169 | 23   | 1,960 | 310 | 515.7 | Galvanized | zZ | 265 | 10 |
| 104102304070169 | 23   | 1,960 | 310 | 515.7 | Bright     | sZ | 265 | 10 |
| 104102304270169 | 23   | 1,960 | 310 | 515.7 | Galvanized | sZ | 265 | 10 |
| 104102305100169 | 23   | 2,160 | 310 | 561.6 | Bright     | sS | 265 | 10 |
| 104102306100169 | 23   | 2,160 | 310 | 561.6 | Bright     | zZ | 265 | 10 |



|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104102305300169 | 23 | 2,160 | 310 | 561.6 | Galvanized | sS | 265 | 10 |
| 104102306300169 | 23 | 2,160 | 310 | 561.6 | Galvanized | zZ | 265 | 10 |
| 104102304100169 | 23 | 2,160 | 310 | 561.6 | Bright     | sZ | 265 | 10 |
| 104102304300169 | 23 | 2,160 | 310 | 561.6 | Galvanized | sZ | 265 | 10 |
| 104102405070169 | 24 | 1,960 | 337 | 561.5 | Bright     | sS | 288 | 10 |
| 104102406070169 | 24 | 1,960 | 337 | 561.5 | Bright     | zZ | 288 | 10 |
| 104102405270169 | 24 | 1,960 | 337 | 561.5 | Galvanized | sS | 288 | 10 |
| 104102406270169 | 24 | 1,960 | 337 | 561.5 | Galvanized | zZ | 288 | 10 |
| 104102404070169 | 24 | 1,960 | 337 | 561.5 | Bright     | sZ | 288 | 10 |
| 104102404270169 | 24 | 1,960 | 337 | 561.5 | Galvanized | sZ | 288 | 10 |
| 104102405100169 | 24 | 2,160 | 337 | 611.5 | Bright     | sS | 288 | 10 |
| 104102406100169 | 24 | 2,160 | 337 | 611.5 | Bright     | zZ | 288 | 10 |
| 104102405300169 | 24 | 2,160 | 337 | 611.5 | Galvanized | sS | 288 | 10 |
| 104102406300169 | 24 | 2,160 | 337 | 611.5 | Galvanized | zZ | 288 | 10 |
| 104102404100169 | 24 | 2,160 | 337 | 611.5 | Bright     | sZ | 288 | 10 |
| 104102404300169 | 24 | 2,160 | 337 | 611.5 | Galvanized | sZ | 288 | 10 |
| 104102505070169 | 25 | 1,960 | 366 | 609.3 | Bright     | sS | 313 | 10 |
| 104102506070169 | 25 | 1,960 | 366 | 609.3 | Bright     | zZ | 313 | 10 |
| 104102505270169 | 25 | 1,960 | 366 | 609.3 | Galvanized | sS | 313 | 10 |
| 104102506270169 | 25 | 1,960 | 366 | 609.3 | Galvanized | zZ | 313 | 10 |
| 104102504070169 | 25 | 1,960 | 366 | 609.3 | Bright     | sZ | 313 | 10 |
| 104102504270169 | 25 | 1,960 | 366 | 609.3 | Galvanized | sZ | 313 | 10 |
| 104102505100169 | 25 | 2,160 | 366 | 663.5 | Bright     | sS | 313 | 10 |

|                 |      |       |     |       |            |    |     |    |
|-----------------|------|-------|-----|-------|------------|----|-----|----|
| 104102506100169 | 25   | 2,160 | 366 | 663.5 | Bright     | zZ | 313 | 10 |
| 104102505300169 | 25   | 2,160 | 366 | 663.5 | Galvanized | sS | 313 | 10 |
| 104102506300169 | 25   | 2,160 | 366 | 663.5 | Galvanized | zZ | 313 | 10 |
| 104102504100169 | 25   | 2,160 | 366 | 663.5 | Bright     | sZ | 313 | 10 |
| 104102504300169 | 25   | 2,160 | 366 | 663.5 | Galvanized | sZ | 313 | 10 |
| 104102544270169 | 25.4 | 1,960 | 377 | 628.9 | Galvanized | sZ | 323 | 10 |
| 104102546270169 | 25.4 | 1,960 | 377 | 628.9 | Galvanized | zZ | 323 | 10 |
| 104102545270169 | 25.4 | 1,960 | 377 | 628.9 | Galvanized | sS | 323 | 10 |
| 104102544070169 | 25.4 | 1,960 | 377 | 628.9 | Bright     | sZ | 323 | 10 |
| 104102546070169 | 25.4 | 1,960 | 377 | 628.9 | Bright     | zZ | 323 | 10 |
| 104102545070169 | 25.4 | 1,960 | 377 | 628.9 | Bright     | sS | 323 | 10 |
| 104102544300169 | 25.4 | 2,160 | 377 | 684.9 | Galvanized | sZ | 323 | 10 |
| 104102546300169 | 25.4 | 2,160 | 377 | 684.9 | Galvanized | zZ | 323 | 10 |
| 104102545300169 | 25.4 | 2,160 | 377 | 684.9 | Galvanized | sS | 323 | 10 |
| 104102544100169 | 25.4 | 2,160 | 377 | 684.9 | Bright     | sZ | 323 | 10 |
| 104102546100169 | 25.4 | 2,160 | 377 | 684.9 | Bright     | zZ | 323 | 10 |
| 104102545100169 | 25.4 | 2,160 | 377 | 684.9 | Bright     | sS | 323 | 10 |
| 104102604270169 | 26   | 1,960 | 396 | 659   | Galvanized | sZ | 338 | 10 |
| 104102606270169 | 26   | 1,960 | 396 | 659   | Galvanized | zZ | 338 | 10 |
| 104102605270169 | 26   | 1,960 | 396 | 659   | Galvanized | sS | 338 | 10 |
| 104102604070169 | 26   | 1,960 | 396 | 659   | Bright     | sZ | 338 | 10 |
| 104102606070169 | 26   | 1,960 | 396 | 659   | Bright     | zZ | 338 | 10 |
| 104102605070169 | 26   | 1,960 | 396 | 659   | Bright     | sS | 338 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104102604300169 | 26 | 2,160 | 396 | 717.7 | Galvanized | sZ | 338 | 10 |
| 104102606300169 | 26 | 2,160 | 396 | 717.7 | Galvanized | zZ | 338 | 10 |
| 104102605300169 | 26 | 2,160 | 396 | 717.7 | Galvanized | sS | 338 | 10 |
| 104102604100169 | 26 | 2,160 | 396 | 717.7 | Bright     | sZ | 338 | 10 |
| 104102606100169 | 26 | 2,160 | 396 | 717.7 | Bright     | zZ | 338 | 10 |
| 104102605100169 | 26 | 2,160 | 396 | 717.7 | Bright     | sS | 338 | 10 |
| 104102704270169 | 27 | 1,960 | 427 | 710.6 | Galvanized | sZ | 365 | 10 |
| 104102706270169 | 27 | 1,960 | 427 | 710.6 | Galvanized | zZ | 365 | 10 |
| 104102705270169 | 27 | 1,960 | 427 | 710.6 | Galvanized | sS | 365 | 10 |
| 104102704070169 | 27 | 1,960 | 427 | 710.6 | Bright     | sZ | 365 | 10 |
| 104102706070169 | 27 | 1,960 | 427 | 710.6 | Bright     | zZ | 365 | 10 |
| 104102705070169 | 27 | 1,960 | 427 | 710.6 | Bright     | sS | 365 | 10 |
| 104102704300169 | 27 | 2,160 | 427 | 773.9 | Galvanized | sZ | 365 | 10 |
| 104102706300169 | 27 | 2,160 | 427 | 773.9 | Galvanized | zZ | 365 | 10 |
| 104102705300169 | 27 | 2,160 | 427 | 773.9 | Galvanized | sS | 365 | 10 |
| 104102704100169 | 27 | 2,160 | 427 | 773.9 | Bright     | sZ | 365 | 10 |
| 104102706100169 | 27 | 2,160 | 427 | 773.9 | Bright     | zZ | 365 | 10 |
| 104102705100169 | 27 | 2,160 | 427 | 773.9 | Bright     | sS | 365 | 10 |
| 104102804270169 | 28 | 1,960 | 459 | 764.3 | Galvanized | sZ | 392 | 10 |
| 104102806270169 | 28 | 1,960 | 459 | 764.3 | Galvanized | zZ | 392 | 10 |
| 104102805270169 | 28 | 1,960 | 459 | 764.3 | Galvanized | sS | 392 | 10 |
| 104102804070169 | 28 | 1,960 | 459 | 764.3 | Bright     | sZ | 392 | 10 |
| 104102806070169 | 28 | 1,960 | 459 | 764.3 | Bright     | zZ | 392 | 10 |

|                 |      |       |     |       |            |    |     |    |
|-----------------|------|-------|-----|-------|------------|----|-----|----|
| 104102805070169 | 28   | 1,960 | 459 | 764.3 | Bright     | sS | 392 | 10 |
| 104102804300169 | 28   | 2,160 | 459 | 832.3 | Galvanized | sZ | 392 | 10 |
| 104102806300169 | 28   | 2,160 | 459 | 832.3 | Galvanized | zZ | 392 | 10 |
| 104102805300169 | 28   | 2,160 | 459 | 832.3 | Galvanized | sS | 392 | 10 |
| 104102804100169 | 28   | 2,160 | 459 | 832.3 | Bright     | sZ | 392 | 10 |
| 104102806100169 | 28   | 2,160 | 459 | 832.3 | Bright     | zZ | 392 | 10 |
| 104102805100169 | 28   | 2,160 | 459 | 832.3 | Bright     | sS | 392 | 10 |
| 104102864270169 | 28.6 | 1,960 | 479 | 797.4 | Galvanized | sZ | 409 | 10 |
| 104102866270169 | 28.6 | 1,960 | 479 | 797.4 | Galvanized | zZ | 409 | 10 |
| 104102865270169 | 28.6 | 1,960 | 479 | 797.4 | Galvanized | sS | 409 | 10 |
| 104102864070169 | 28.6 | 1,960 | 479 | 797.4 | Bright     | sZ | 409 | 10 |
| 104102866070169 | 28.6 | 1,960 | 479 | 797.4 | Bright     | zZ | 409 | 10 |
| 104102865070169 | 28.6 | 1,960 | 479 | 797.4 | Bright     | sS | 409 | 10 |
| 104102864300169 | 28.6 | 2,160 | 479 | 868.4 | Galvanized | sZ | 409 | 10 |
| 104102866300169 | 28.6 | 2,160 | 479 | 868.4 | Galvanized | zZ | 409 | 10 |
| 104102865300169 | 28.6 | 2,160 | 479 | 868.4 | Galvanized | sS | 409 | 10 |
| 104102864100169 | 28.6 | 2,160 | 479 | 868.4 | Bright     | sZ | 409 | 10 |
| 104102866100169 | 28.6 | 2,160 | 479 | 868.4 | Bright     | zZ | 409 | 10 |
| 104102865100169 | 28.6 | 2,160 | 479 | 868.4 | Bright     | sS | 409 | 10 |
| 104102904270169 | 29   | 1,960 | 492 | 819.8 | Galvanized | sZ | 421 | 10 |
| 104102906270169 | 29   | 1,960 | 492 | 819.8 | Galvanized | zZ | 421 | 10 |
| 104102905270169 | 29   | 1,960 | 492 | 819.8 | Galvanized | sS | 421 | 10 |
| 104102904070169 | 29   | 1,960 | 492 | 819.8 | Bright     | sZ | 421 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104102906070169 | 29 | 1,960 | 492 | 819.8 | Bright     | zZ | 421 | 10 |
| 104102905070169 | 29 | 1,960 | 492 | 819.8 | Bright     | sS | 421 | 10 |
| 104102904300169 | 29 | 2,160 | 492 | 892.8 | Galvanized | sZ | 421 | 10 |
| 104102906300169 | 29 | 2,160 | 492 | 892.8 | Galvanized | zZ | 421 | 10 |
| 104102905300169 | 29 | 2,160 | 492 | 892.8 | Galvanized | sS | 421 | 10 |
| 104102904100169 | 29 | 2,160 | 492 | 892.8 | Bright     | sZ | 421 | 10 |
| 104102906100169 | 29 | 2,160 | 492 | 892.8 | Bright     | zZ | 421 | 10 |
| 104102905100169 | 29 | 2,160 | 492 | 892.8 | Bright     | sS | 421 | 10 |
| 104103004270169 | 30 | 1,960 | 527 | 877.3 | Galvanized | sZ | 450 | 10 |
| 104103006270169 | 30 | 1,960 | 527 | 877.3 | Galvanized | zZ | 450 | 10 |
| 104103005270169 | 30 | 1,960 | 527 | 877.3 | Galvanized | sS | 450 | 10 |
| 104103004070169 | 30 | 1,960 | 527 | 877.3 | Bright     | sZ | 450 | 10 |
| 104103006070169 | 30 | 1,960 | 527 | 877.3 | Bright     | zZ | 450 | 10 |
| 104103005070169 | 30 | 1,960 | 527 | 877.3 | Bright     | sS | 450 | 10 |
| 104103004300169 | 30 | 2,160 | 527 | 955.5 | Galvanized | sZ | 450 | 10 |
| 104103006300169 | 30 | 2,160 | 527 | 955.5 | Galvanized | zZ | 450 | 10 |
| 104103005300169 | 30 | 2,160 | 527 | 955.5 | Galvanized | sS | 450 | 10 |
| 104103004100169 | 30 | 2,160 | 527 | 955.5 | Bright     | sZ | 450 | 10 |
| 104103006100169 | 30 | 2,160 | 527 | 955.5 | Bright     | zZ | 450 | 10 |
| 104103005100169 | 30 | 2,160 | 527 | 955.5 | Bright     | sS | 450 | 10 |
| 104103104270169 | 31 | 1,960 | 562 | 936.8 | Galvanized | sZ | 481 | 10 |
| 104103106270169 | 31 | 1,960 | 562 | 936.8 | Galvanized | zZ | 481 | 10 |
| 104103105270169 | 31 | 1,960 | 562 | 936.8 | Galvanized | sS | 481 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104103104070169 | 31 | 1,960 | 562 | 936.8 | Bright     | sZ | 481 | 10 |
| 104103106070169 | 31 | 1,960 | 562 | 936.8 | Bright     | zZ | 481 | 10 |
| 104103105070169 | 31 | 1,960 | 562 | 936.8 | Bright     | sS | 481 | 10 |
| 104103104300169 | 31 | 2,160 | 562 | 1,020 | Galvanized | sZ | 481 | 10 |
| 104103106300169 | 31 | 2,160 | 562 | 1,020 | Galvanized | zZ | 481 | 10 |
| 104103105300169 | 31 | 2,160 | 562 | 1,020 | Galvanized | sS | 481 | 10 |
| 104103104100169 | 31 | 2,160 | 562 | 1,020 | Bright     | sZ | 481 | 10 |
| 104103106100169 | 31 | 2,160 | 562 | 1,020 | Bright     | zZ | 481 | 10 |
| 104103105100169 | 31 | 2,160 | 562 | 1,020 | Bright     | sS | 481 | 10 |
| 104103204270169 | 32 | 1,960 | 599 | 998.2 | Galvanized | sZ | 512 | 10 |
| 104103206270169 | 32 | 1,960 | 599 | 998.2 | Galvanized | zZ | 512 | 10 |
| 104103205270169 | 32 | 1,960 | 599 | 998.2 | Galvanized | sS | 512 | 10 |
| 104103204070169 | 32 | 1,960 | 599 | 998.2 | Bright     | sZ | 512 | 10 |
| 104103206070169 | 32 | 1,960 | 599 | 998.2 | Bright     | zZ | 512 | 10 |
| 104103205070169 | 32 | 1,960 | 599 | 998.2 | Bright     | sS | 512 | 10 |
| 104103204300169 | 32 | 2,160 | 599 | 1,087 | Galvanized | sZ | 512 | 10 |
| 104103206300169 | 32 | 2,160 | 599 | 1,087 | Galvanized | zZ | 512 | 10 |
| 104103205300169 | 32 | 2,160 | 599 | 1,087 | Galvanized | sS | 512 | 10 |
| 104103204100169 | 32 | 2,160 | 599 | 1,087 | Bright     | sZ | 512 | 10 |
| 104103206100169 | 32 | 2,160 | 599 | 1,087 | Bright     | zZ | 512 | 10 |
| 104103205100169 | 32 | 2,160 | 599 | 1,087 | Bright     | sS | 512 | 10 |
| 104103304270169 | 33 | 1,960 | 637 | 1,062 | Galvanized | sZ | 545 | 10 |
| 104103306270169 | 33 | 1,960 | 637 | 1,062 | Galvanized | zZ | 545 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104103305270169 | 33 | 1,960 | 637 | 1,062 | Galvanized | sS | 545 | 10 |
| 104103304070169 | 33 | 1,960 | 637 | 1,062 | Bright     | sZ | 545 | 10 |
| 104103306070169 | 33 | 1,960 | 637 | 1,062 | Bright     | zZ | 545 | 10 |
| 104103305070169 | 33 | 1,960 | 637 | 1,062 | Bright     | sS | 545 | 10 |
| 104103304300169 | 33 | 2,160 | 637 | 1,156 | Galvanized | sZ | 545 | 10 |
| 104103306300169 | 33 | 2,160 | 637 | 1,156 | Galvanized | zZ | 545 | 10 |
| 104103305300169 | 33 | 2,160 | 637 | 1,156 | Galvanized | sS | 545 | 10 |
| 104103304100169 | 33 | 2,160 | 637 | 1,156 | Bright     | sZ | 545 | 10 |
| 104103306100169 | 33 | 2,160 | 637 | 1,156 | Bright     | zZ | 545 | 10 |
| 104103305100169 | 33 | 2,160 | 637 | 1,156 | Bright     | sS | 545 | 10 |
| 104103404270169 | 34 | 1,960 | 676 | 1,127 | Galvanized | sZ | 578 | 10 |
| 104103406270169 | 34 | 1,960 | 676 | 1,127 | Galvanized | zZ | 578 | 10 |
| 104103405270169 | 34 | 1,960 | 676 | 1,127 | Galvanized | sS | 578 | 10 |
| 104103404070169 | 34 | 1,960 | 676 | 1,127 | Bright     | sZ | 578 | 10 |
| 104103406070169 | 34 | 1,960 | 676 | 1,127 | Bright     | zZ | 578 | 10 |
| 104103405070169 | 34 | 1,960 | 676 | 1,127 | Bright     | sS | 578 | 10 |
| 104103404300169 | 34 | 2,160 | 676 | 1,227 | Galvanized | sZ | 578 | 10 |
| 104103406300169 | 34 | 2,160 | 676 | 1,227 | Galvanized | zZ | 578 | 10 |
| 104103405300169 | 34 | 2,160 | 676 | 1,227 | Galvanized | sS | 578 | 10 |
| 104103404100169 | 34 | 2,160 | 676 | 1,227 | Bright     | sZ | 578 | 10 |
| 104103406100169 | 34 | 2,160 | 676 | 1,227 | Bright     | zZ | 578 | 10 |
| 104103405100169 | 34 | 2,160 | 676 | 1,227 | Bright     | sS | 578 | 10 |
| 104103504270169 | 35 | 1,960 | 717 | 1,194 | Galvanized | sZ | 613 | 10 |

|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104103506270169 | 35 | 1,960 | 717 | 1,194 | Galvanized | zZ | 613 | 10 |
| 104103505270169 | 35 | 1,960 | 717 | 1,194 | Galvanized | sS | 613 | 10 |
| 104103504070169 | 35 | 1,960 | 717 | 1,194 | Bright     | sZ | 613 | 10 |
| 104103506070169 | 35 | 1,960 | 717 | 1,194 | Bright     | zZ | 613 | 10 |
| 104103505070169 | 35 | 1,960 | 717 | 1,194 | Bright     | sS | 613 | 10 |
| 104103504300169 | 35 | 2,160 | 717 | 1,301 | Galvanized | sZ | 613 | 10 |
| 104103506300169 | 35 | 2,160 | 717 | 1,301 | Galvanized | zZ | 613 | 10 |
| 104103505300169 | 35 | 2,160 | 717 | 1,301 | Galvanized | sS | 613 | 10 |
| 104103504100169 | 35 | 2,160 | 717 | 1,301 | Bright     | sZ | 613 | 10 |
| 104103506100169 | 35 | 2,160 | 717 | 1,301 | Bright     | zZ | 613 | 10 |
| 104103505100169 | 35 | 2,160 | 717 | 1,301 | Bright     | sS | 613 | 10 |
| 104103604270169 | 36 | 1,960 | 758 | 1,263 | Galvanized | sZ | 648 | 10 |
| 104103606270169 | 36 | 1,960 | 758 | 1,263 | Galvanized | zZ | 648 | 10 |
| 104103605270169 | 36 | 1,960 | 758 | 1,263 | Galvanized | sS | 648 | 10 |
| 104103604070169 | 36 | 1,960 | 758 | 1,263 | Bright     | sZ | 648 | 10 |
| 104103606070169 | 36 | 1,960 | 758 | 1,263 | Bright     | zZ | 648 | 10 |
| 104103605070169 | 36 | 1,960 | 758 | 1,263 | Bright     | sS | 648 | 10 |
| 104103604300169 | 36 | 2,160 | 758 | 1,376 | Galvanized | sZ | 648 | 10 |
| 104103606300169 | 36 | 2,160 | 758 | 1,376 | Galvanized | zZ | 648 | 10 |
| 104103605300169 | 36 | 2,160 | 758 | 1,376 | Galvanized | sS | 648 | 10 |
| 104103604100169 | 36 | 2,160 | 758 | 1,376 | Bright     | sZ | 648 | 10 |
| 104103606100169 | 36 | 2,160 | 758 | 1,376 | Bright     | zZ | 648 | 10 |
| 104103605100169 | 36 | 2,160 | 758 | 1,376 | Bright     | sS | 648 | 10 |



|                 |    |       |     |       |            |    |     |    |
|-----------------|----|-------|-----|-------|------------|----|-----|----|
| 104103804270169 | 38 | 1,960 | 845 | 1,408 | Galvanized | sZ | 722 | 10 |
| 104103806270169 | 38 | 1,960 | 845 | 1,408 | Galvanized | zZ | 722 | 10 |
| 104103805270169 | 38 | 1,960 | 845 | 1,408 | Galvanized | sS | 722 | 10 |
| 104103804070169 | 38 | 1,960 | 845 | 1,408 | Bright     | sZ | 722 | 10 |
| 104103806070169 | 38 | 1,960 | 845 | 1,408 | Bright     | zZ | 722 | 10 |
| 104103805070169 | 38 | 1,960 | 845 | 1,408 | Bright     | sS | 722 | 10 |
| 104103804300169 | 38 | 2,160 | 845 | 1,533 | Galvanized | sZ | 722 | 10 |
| 104103806300169 | 38 | 2,160 | 845 | 1,533 | Galvanized | zZ | 722 | 10 |
| 104103805300169 | 38 | 2,160 | 845 | 1,533 | Galvanized | sS | 722 | 10 |
| 104103804100169 | 38 | 2,160 | 845 | 1,533 | Bright     | sZ | 722 | 10 |
| 104103806100169 | 38 | 2,160 | 845 | 1,533 | Bright     | zZ | 722 | 10 |
| 104103805100169 | 38 | 2,160 | 845 | 1,533 | Bright     | sS | 722 | 10 |
| 104104004270169 | 40 | 1,960 | 936 | 1,560 | Galvanized | sZ | 800 | 10 |
| 104104006270169 | 40 | 1,960 | 936 | 1,560 | Galvanized | zZ | 800 | 10 |
| 104104005270169 | 40 | 1,960 | 936 | 1,560 | Galvanized | sS | 800 | 10 |
| 104104004070169 | 40 | 1,960 | 936 | 1,560 | Bright     | sZ | 800 | 10 |
| 104104006070169 | 40 | 1,960 | 936 | 1,560 | Bright     | zZ | 800 | 10 |
| 104104005070169 | 40 | 1,960 | 936 | 1,560 | Bright     | sS | 800 | 10 |
| 104104004300169 | 40 | 2,160 | 936 | 1,699 | Galvanized | sZ | 800 | 10 |
| 104104006300169 | 40 | 2,160 | 936 | 1,699 | Galvanized | zZ | 800 | 10 |
| 104104005300169 | 40 | 2,160 | 936 | 1,699 | Galvanized | sS | 800 | 10 |
| 104104004100169 | 40 | 2,160 | 936 | 1,699 | Bright     | sZ | 800 | 10 |
| 104104006100169 | 40 | 2,160 | 936 | 1,699 | Bright     | zZ | 800 | 10 |

|                 |      |       |       |       |            |    |     |    |
|-----------------|------|-------|-------|-------|------------|----|-----|----|
| 104104005100169 | 40   | 2,160 | 936   | 1,699 | Bright     | sS | 800 | 10 |
| 104104134270169 | 41.3 | 1,960 | 998   | 1,663 | Galvanized | sZ | 853 | 10 |
| 104104136270169 | 41.3 | 1,960 | 998   | 1,663 | Galvanized | zZ | 853 | 10 |
| 104104135270169 | 41.3 | 1,960 | 998   | 1,663 | Galvanized | sS | 853 | 10 |
| 104104134070169 | 41.3 | 1,960 | 998   | 1,663 | Bright     | sZ | 853 | 10 |
| 104104136070169 | 41.3 | 1,960 | 998   | 1,663 | Bright     | zZ | 853 | 10 |
| 104104135070169 | 41.3 | 1,960 | 998   | 1,663 | Bright     | sS | 853 | 10 |
| 104104134300169 | 41.3 | 2,160 | 998   | 1,811 | Galvanized | sZ | 853 | 10 |
| 104104136300169 | 41.3 | 2,160 | 998   | 1,811 | Galvanized | zZ | 853 | 10 |
| 104104135300169 | 41.3 | 2,160 | 998   | 1,811 | Galvanized | sS | 853 | 10 |
| 104104134100169 | 41.3 | 2,160 | 998   | 1,811 | Bright     | sZ | 853 | 10 |
| 104104136100169 | 41.3 | 2,160 | 998   | 1,811 | Bright     | zZ | 853 | 10 |
| 104104135100169 | 41.3 | 2,160 | 998   | 1,811 | Bright     | sS | 853 | 10 |
| 104104204270169 | 42   | 1,960 | 1,032 | 1,720 | Galvanized | sZ | 883 | 10 |
| 104104206270169 | 42   | 1,960 | 1,032 | 1,720 | Galvanized | zZ | 883 | 10 |
| 104104205270169 | 42   | 1,960 | 1,032 | 1,720 | Galvanized | sS | 883 | 10 |
| 104104204070169 | 42   | 1,960 | 1,032 | 1,720 | Bright     | sZ | 883 | 10 |
| 104104206070169 | 42   | 1,960 | 1,032 | 1,720 | Bright     | zZ | 883 | 10 |
| 104104205070169 | 42   | 1,960 | 1,032 | 1,720 | Bright     | sS | 883 | 10 |
| 104104204300169 | 42   | 2,160 | 1,032 | 1,873 | Galvanized | sZ | 883 | 10 |
| 104104206300169 | 42   | 2,160 | 1,032 | 1,873 | Galvanized | zZ | 883 | 10 |
| 104104205300169 | 42   | 2,160 | 1,032 | 1,873 | Galvanized | sS | 883 | 10 |
| 104104204100169 | 42   | 2,160 | 1,032 | 1,873 | Bright     | sZ | 883 | 10 |

|                 |    |       |       |       |            |    |       |    |
|-----------------|----|-------|-------|-------|------------|----|-------|----|
| 104104206100169 | 42 | 2,160 | 1,032 | 1,873 | Bright     | zZ | 883   | 10 |
| 104104205100169 | 42 | 2,160 | 1,032 | 1,873 | Bright     | sS | 883   | 10 |
| 104104404270169 | 44 | 1,960 | 1,133 | 1,887 | Galvanized | sZ | 969   | 10 |
| 104104406270169 | 44 | 1,960 | 1,133 | 1,887 | Galvanized | zZ | 969   | 10 |
| 104104405270169 | 44 | 1,960 | 1,133 | 1,887 | Galvanized | sS | 969   | 10 |
| 104104404070169 | 44 | 1,960 | 1,133 | 1,887 | Bright     | sZ | 969   | 10 |
| 104104406070169 | 44 | 1,960 | 1,133 | 1,887 | Bright     | zZ | 969   | 10 |
| 104104405070169 | 44 | 1,960 | 1,133 | 1,887 | Bright     | sS | 969   | 10 |
| 104104404300169 | 44 | 2,160 | 1,133 | 2,055 | Galvanized | sZ | 969   | 10 |
| 104104406300169 | 44 | 2,160 | 1,133 | 2,055 | Galvanized | zZ | 969   | 10 |
| 104104405300169 | 44 | 2,160 | 1,133 | 2,055 | Galvanized | sS | 969   | 10 |
| 104104404100169 | 44 | 2,160 | 1,133 | 2,055 | Bright     | sZ | 969   | 10 |
| 104104406100169 | 44 | 2,160 | 1,133 | 2,055 | Bright     | zZ | 969   | 10 |
| 104104405100169 | 44 | 2,160 | 1,133 | 2,055 | Bright     | sS | 969   | 10 |
| 104104504270169 | 45 | 1,960 | 1,185 | 1,974 | Galvanized | sZ | 1,013 | 10 |
| 104104506270169 | 45 | 1,960 | 1,185 | 1,974 | Galvanized | zZ | 1,013 | 10 |
| 104104505270169 | 45 | 1,960 | 1,185 | 1,974 | Galvanized | sS | 1,013 | 10 |
| 104104504070169 | 45 | 1,960 | 1,185 | 1,974 | Bright     | sZ | 1,013 | 10 |
| 104104506070169 | 45 | 1,960 | 1,185 | 1,974 | Bright     | zZ | 1,013 | 10 |
| 104104505070169 | 45 | 1,960 | 1,185 | 1,974 | Bright     | sS | 1,013 | 10 |
| 104104504300169 | 45 | 2,160 | 1,185 | 2,150 | Galvanized | sZ | 1,013 | 10 |
| 104104506300169 | 45 | 2,160 | 1,185 | 2,150 | Galvanized | zZ | 1,013 | 10 |
| 104104505300169 | 45 | 2,160 | 1,185 | 2,150 | Galvanized | sS | 1,013 | 10 |

|                 |      |       |       |       |            |    |       |    |
|-----------------|------|-------|-------|-------|------------|----|-------|----|
| 104104504100169 | 45   | 2,160 | 1,185 | 2,150 | Bright     | sZ | 1,013 | 10 |
| 104104506100169 | 45   | 2,160 | 1,185 | 2,150 | Bright     | zZ | 1,013 | 10 |
| 104104505100169 | 45   | 2,160 | 1,185 | 2,150 | Bright     | sS | 1,013 | 10 |
| 104104604270169 | 46   | 1,960 | 1,238 | 2,063 | Galvanized | sZ | 1,059 | 10 |
| 104104606270169 | 46   | 1,960 | 1,238 | 2,063 | Galvanized | zZ | 1,059 | 10 |
| 104104605270169 | 46   | 1,960 | 1,238 | 2,063 | Galvanized | sS | 1,059 | 10 |
| 104104604070169 | 46   | 1,960 | 1,238 | 2,063 | Bright     | sZ | 1,059 | 10 |
| 104104606070169 | 46   | 1,960 | 1,238 | 2,063 | Bright     | zZ | 1,059 | 10 |
| 104104605070169 | 46   | 1,960 | 1,238 | 2,063 | Bright     | sS | 1,059 | 10 |
| 104104604300169 | 46   | 2,160 | 1,238 | 2,246 | Galvanized | sZ | 1,059 | 10 |
| 104104606300169 | 46   | 2,160 | 1,238 | 2,246 | Galvanized | zZ | 1,059 | 10 |
| 104104605300169 | 46   | 2,160 | 1,238 | 2,246 | Galvanized | sS | 1,059 | 10 |
| 104104604100169 | 46   | 2,160 | 1,238 | 2,246 | Bright     | sZ | 1,059 | 10 |
| 104104606100169 | 46   | 2,160 | 1,238 | 2,246 | Bright     | zZ | 1,059 | 10 |
| 104104605100169 | 46   | 2,160 | 1,238 | 2,246 | Bright     | sS | 1,059 | 10 |
| 104104754270169 | 47.5 | 1,960 | 1,320 | 2,199 | Galvanized | sZ | 1,129 | 10 |
| 104104756270169 | 47.5 | 1,960 | 1,320 | 2,199 | Galvanized | zZ | 1,129 | 10 |
| 104104755270169 | 47.5 | 1,960 | 1,320 | 2,199 | Galvanized | sS | 1,129 | 10 |
| 104104754070169 | 47.5 | 1,960 | 1,320 | 2,199 | Bright     | sZ | 1,129 | 10 |
| 104104756070169 | 47.5 | 1,960 | 1,320 | 2,199 | Bright     | zZ | 1,129 | 10 |
| 104104755070169 | 47.5 | 1,960 | 1,320 | 2,199 | Bright     | sS | 1,129 | 10 |
| 104104754300169 | 47.5 | 2,160 | 1,320 | 2,395 | Galvanized | sZ | 1,129 | 10 |
| 104104756300169 | 47.5 | 2,160 | 1,320 | 2,395 | Galvanized | zZ | 1,129 | 10 |

|                 |      |       |       |       |            |    |       |    |
|-----------------|------|-------|-------|-------|------------|----|-------|----|
| 104104755300169 | 47.5 | 2,160 | 1,320 | 2,395 | Galvanized | sS | 1,129 | 10 |
| 104104754100169 | 47.5 | 2,160 | 1,320 | 2,395 | Bright     | sZ | 1,129 | 10 |
| 104104756100169 | 47.5 | 2,160 | 1,320 | 2,395 | Bright     | zZ | 1,129 | 10 |
| 104104755100169 | 47.5 | 2,160 | 1,320 | 2,395 | Bright     | sS | 1,129 | 10 |
| 104104804270169 | 48   | 1,960 | 1,347 | 2,246 | Galvanized | sZ | 1,153 | 10 |
| 104104806270169 | 48   | 1,960 | 1,347 | 2,246 | Galvanized | zZ | 1,153 | 10 |
| 104104805270169 | 48   | 1,960 | 1,347 | 2,246 | Galvanized | sS | 1,153 | 10 |
| 104104804070169 | 48   | 1,960 | 1,347 | 2,246 | Bright     | sZ | 1,153 | 10 |
| 104104806070169 | 48   | 1,960 | 1,347 | 2,246 | Bright     | zZ | 1,153 | 10 |
| 104104805070169 | 48   | 1,960 | 1,347 | 2,246 | Bright     | sS | 1,153 | 10 |
| 104104804300169 | 48   | 2,160 | 1,347 | 2,446 | Galvanized | sZ | 1,153 | 10 |
| 104104806300169 | 48   | 2,160 | 1,347 | 2,446 | Galvanized | zZ | 1,153 | 10 |
| 104104805300169 | 48   | 2,160 | 1,347 | 2,446 | Galvanized | sS | 1,153 | 10 |
| 104104804100169 | 48   | 2,160 | 1,347 | 2,446 | Bright     | sZ | 1,153 | 10 |
| 104104806100169 | 48   | 2,160 | 1,347 | 2,446 | Bright     | zZ | 1,153 | 10 |
| 104104805100169 | 48   | 2,160 | 1,347 | 2,446 | Bright     | sS | 1,153 | 10 |

## Technical data