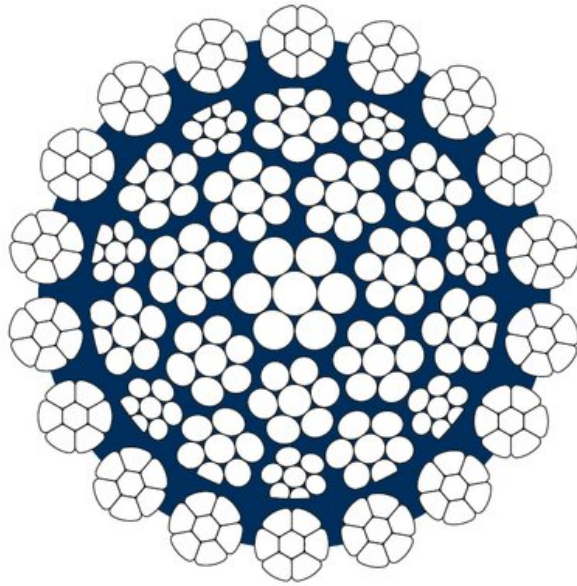


Casar Eurolift

Product information



Applications:

Has a core in a special design avoiding crossover between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation-resistant ropes are required.

Properties:

- Rotations resistant wire rope with very high breaking force.
- Very good fatigue properties.
- Especially suitable for multiple layer spooling.

Discard criteria: ISO 4309 Rope Category No: 10-60mm RCN.23-3

Rope construction: Rotation resistant, made out of compacted outer strands and a compacted steel core.

Marking: According to standard

Standard: EN 12385-4

Fill factor: 0.72

RCN: 23-3

Tolerance Ø: +2% to +4%

Tower crane



Offshore crane



Mobile crane



Crawler crane



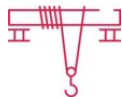
Mobile port crane



Piling crane



Overhead cranes



| 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 |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|------------------|-------------------|
| 104101005070069 | 10 | 1,960 | Bright | sS | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101006070069 | 10 | 1,960 | Bright | zZ | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101005270069 | 10 | 1,960 | Galvanized | sS | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101006270069 | 10 | 1,960 | Galvanized | zZ | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101003070069 | 10 | 1,960 | Bright | zS | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101003270069 | 10 | 1,960 | Galvanized | zS | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101004070069 | 10 | 1,960 | Bright | sZ | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101004270069 | 10 | 1,960 | Galvanized | sZ | 89.6 | 56.2 | SupplierStandard | 0.49 |
| 104101005100069 | 10 | 2,160 | Bright | sS | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101006100069 | 10 | 2,160 | Bright | zZ | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101005300069 | 10 | 2,160 | Galvanized | sS | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101006300069 | 10 | 2,160 | Galvanized | zZ | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101003100069 | 10 | 2,160 | Bright | zS | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101003300069 | 10 | 2,160 | Galvanized | zS | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101004100069 | 10 | 2,160 | Bright | sZ | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101004300069 | 10 | 2,160 | Galvanized | sZ | 97.4 | 56.2 | SupplierStandard | 0.49 |
| 104101106070069 | 11 | 1,960 | Bright | zZ | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101105070069 | 11 | 1,960 | Bright | sS | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101103070069 | 11 | 1,960 | Bright | zS | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101104070069 | 11 | 1,960 | Bright | sZ | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101106270069 | 11 | 1,960 | Galvanized | zZ | 108.8 | 68.7 | SupplierStandard | 0.6 |

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|-----------------|----|-------|------------|----|-------|------|------------------|------|
| 104101105270069 | 11 | 1,960 | Galvanized | sS | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101103270069 | 11 | 1,960 | Galvanized | zS | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101104270069 | 11 | 1,960 | Galvanized | sZ | 108.8 | 68.7 | SupplierStandard | 0.6 |
| 104101106100069 | 11 | 2,160 | Bright | zZ | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101105100069 | 11 | 2,160 | Bright | sS | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101103100069 | 11 | 2,160 | Bright | zS | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101104100069 | 11 | 2,160 | Bright | sZ | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101106300069 | 11 | 2,160 | Galvanized | zZ | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101105300069 | 11 | 2,160 | Galvanized | sS | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101103300069 | 11 | 2,160 | Galvanized | zS | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101104300069 | 11 | 2,160 | Galvanized | sZ | 118.4 | 68.7 | SupplierStandard | 0.6 |
| 104101206070069 | 12 | 1,960 | Bright | zZ | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101205070069 | 12 | 1,960 | Bright | sS | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101203070069 | 12 | 1,960 | Bright | zS | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101204070069 | 12 | 1,960 | Bright | sZ | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101206270069 | 12 | 1,960 | Galvanized | zZ | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101205270069 | 12 | 1,960 | Galvanized | sS | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101203270069 | 12 | 1,960 | Galvanized | zS | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101204270069 | 12 | 1,960 | Galvanized | sZ | 130.8 | 82 | SupplierStandard | 0.71 |
| 104101206100069 | 12 | 2,160 | Bright | zZ | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101205100069 | 12 | 2,160 | Bright | sS | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101203100069 | 12 | 2,160 | Bright | zS | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101204100069 | 12 | 2,160 | Bright | sZ | 139.9 | 82 | SupplierStandard | 0.71 |

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|-----------------|------|-------|------------|----|-------|------|------------------|------|
| 104101206300069 | 12 | 2,160 | Galvanized | zZ | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101205300069 | 12 | 2,160 | Galvanized | sS | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101203300069 | 12 | 2,160 | Galvanized | zS | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101204300069 | 12 | 2,160 | Galvanized | sZ | 139.9 | 82 | SupplierStandard | 0.71 |
| 104101276070069 | 12.7 | 1,960 | Bright | zZ | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101275070069 | 12.7 | 1,960 | Bright | sS | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101273070069 | 12.7 | 1,960 | Bright | zS | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101274070069 | 12.7 | 1,960 | Bright | sZ | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101276270069 | 12.7 | 1,960 | Galvanized | zZ | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101275270069 | 12.7 | 1,960 | Galvanized | sS | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101273270069 | 12.7 | 1,960 | Galvanized | zS | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101274270069 | 12.7 | 1,960 | Galvanized | sZ | 146.4 | 90.8 | SupplierStandard | 0.79 |
| 104101276100069 | 12.7 | 2,160 | Bright | zZ | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101275100069 | 12.7 | 2,160 | Bright | sS | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101273100069 | 12.7 | 2,160 | Bright | zS | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101274100069 | 12.7 | 2,160 | Bright | sZ | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101276300069 | 12.7 | 2,160 | Galvanized | zZ | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101275300069 | 12.7 | 2,160 | Galvanized | sS | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101273300069 | 12.7 | 2,160 | Galvanized | zS | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101274300069 | 12.7 | 2,160 | Galvanized | sZ | 161.4 | 90.8 | SupplierStandard | 0.79 |
| 104101306070069 | 13 | 1,960 | Bright | zZ | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101305070069 | 13 | 1,960 | Bright | sS | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101303070069 | 13 | 1,960 | Bright | zS | 152.7 | 95.2 | SupplierStandard | 0.83 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104101304070069 | 13 | 1,960 | Bright | sZ | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101306270069 | 13 | 1,960 | Galvanized | zZ | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101305270069 | 13 | 1,960 | Galvanized | sS | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101303270069 | 13 | 1,960 | Galvanized | zS | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101304270069 | 13 | 1,960 | Galvanized | sZ | 152.7 | 95.2 | SupplierStandard | 0.83 |
| 104101306100069 | 13 | 2,160 | Bright | zZ | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101305100069 | 13 | 2,160 | Bright | sS | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101303100069 | 13 | 2,160 | Bright | zS | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101304100069 | 13 | 2,160 | Bright | sZ | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101306300069 | 13 | 2,160 | Galvanized | zZ | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101305300069 | 13 | 2,160 | Galvanized | sS | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101303300069 | 13 | 2,160 | Galvanized | zS | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101304300069 | 13 | 2,160 | Galvanized | sZ | 165.4 | 95.2 | SupplierStandard | 0.83 |
| 104101406070069 | 14 | 1,960 | Bright | zZ | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101405070069 | 14 | 1,960 | Bright | sS | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101403070069 | 14 | 1,960 | Bright | zS | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101404070069 | 14 | 1,960 | Bright | sZ | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101406270069 | 14 | 1,960 | Galvanized | zZ | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101405270069 | 14 | 1,960 | Galvanized | sS | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101403270069 | 14 | 1,960 | Galvanized | zS | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101404270069 | 14 | 1,960 | Galvanized | sZ | 179.1 | 110.4 | SupplierStandard | 0.96 |
| 104101406100069 | 14 | 2,160 | Bright | zZ | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101405100069 | 14 | 2,160 | Bright | sS | 190.9 | 110.4 | SupplierStandard | 0.96 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104101403100069 | 14 | 2,160 | Bright | zS | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101404100069 | 14 | 2,160 | Bright | sZ | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101406300069 | 14 | 2,160 | Galvanized | zZ | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101405300069 | 14 | 2,160 | Galvanized | sS | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101403300069 | 14 | 2,160 | Galvanized | zS | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101404300069 | 14 | 2,160 | Galvanized | sZ | 190.9 | 110.4 | SupplierStandard | 0.96 |
| 104101506070069 | 15 | 1,960 | Bright | zZ | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101505070069 | 15 | 1,960 | Bright | sS | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101503070069 | 15 | 1,960 | Bright | zS | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101504070069 | 15 | 1,960 | Bright | sZ | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101506270069 | 15 | 1,960 | Galvanized | zZ | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101505270069 | 15 | 1,960 | Galvanized | sS | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101503270069 | 15 | 1,960 | Galvanized | zS | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101504270069 | 15 | 1,960 | Galvanized | sZ | 204 | 126.3 | SupplierStandard | 1.1 |
| 104101506100069 | 15 | 2,160 | Bright | zZ | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101505100069 | 15 | 2,160 | Bright | sS | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101503100069 | 15 | 2,160 | Bright | zS | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101504100069 | 15 | 2,160 | Bright | sZ | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101506300069 | 15 | 2,160 | Galvanized | zZ | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101505300069 | 15 | 2,160 | Galvanized | sS | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101503300069 | 15 | 2,160 | Galvanized | zS | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101504300069 | 15 | 2,160 | Galvanized | sZ | 219.5 | 126.3 | SupplierStandard | 1.1 |
| 104101606070069 | 16 | 1,960 | Bright | zZ | 230.6 | 145.6 | SupplierStandard | 1.27 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104101605070069 | 16 | 1,960 | Bright | sS | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101603070069 | 16 | 1,960 | Bright | zS | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101604070069 | 16 | 1,960 | Bright | sZ | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101606270069 | 16 | 1,960 | Galvanized | zZ | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101605270069 | 16 | 1,960 | Galvanized | sS | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101603270069 | 16 | 1,960 | Galvanized | zS | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101604270069 | 16 | 1,960 | Galvanized | sZ | 230.6 | 145.6 | SupplierStandard | 1.27 |
| 104101606100069 | 16 | 2,160 | Bright | zZ | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101605100069 | 16 | 2,160 | Bright | sS | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101603100069 | 16 | 2,160 | Bright | zS | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101604100069 | 16 | 2,160 | Bright | sZ | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101606300069 | 16 | 2,160 | Galvanized | zZ | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101605300069 | 16 | 2,160 | Galvanized | sS | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101603300069 | 16 | 2,160 | Galvanized | zS | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101604300069 | 16 | 2,160 | Galvanized | sZ | 249.1 | 145.6 | SupplierStandard | 1.27 |
| 104101706070069 | 17 | 1,960 | Bright | zZ | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101705070069 | 17 | 1,960 | Bright | sS | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101703070069 | 17 | 1,960 | Bright | zS | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101704070069 | 17 | 1,960 | Bright | sZ | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101706270069 | 17 | 1,960 | Galvanized | zZ | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101705270069 | 17 | 1,960 | Galvanized | sS | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101703270069 | 17 | 1,960 | Galvanized | zS | 257.9 | 163.3 | SupplierStandard | 1.42 |
| 104101704270069 | 17 | 1,960 | Galvanized | sZ | 257.9 | 163.3 | SupplierStandard | 1.42 |

| | | | | | | | | |
|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104101706100069 | 17 | 2,160 | Bright | zZ | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101705100069 | 17 | 2,160 | Bright | sS | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101703100069 | 17 | 2,160 | Bright | zS | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101704100069 | 17 | 2,160 | Bright | sZ | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101706300069 | 17 | 2,160 | Galvanized | zZ | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101705300069 | 17 | 2,160 | Galvanized | sS | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101703300069 | 17 | 2,160 | Galvanized | zS | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101704300069 | 17 | 2,160 | Galvanized | sZ | 280.6 | 163.3 | SupplierStandard | 1.42 |
| 104101806070069 | 18 | 1,960 | Bright | zZ | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101805070069 | 18 | 1,960 | Bright | sS | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101803070069 | 18 | 1,960 | Bright | zS | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101804070069 | 18 | 1,960 | Bright | sZ | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101806270069 | 18 | 1,960 | Galvanized | zZ | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101805270069 | 18 | 1,960 | Galvanized | sS | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101803270069 | 18 | 1,960 | Galvanized | zS | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101804270069 | 18 | 1,960 | Galvanized | sZ | 293.9 | 183.7 | SupplierStandard | 1.6 |
| 104101806100069 | 18 | 2,160 | Bright | zZ | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101805100069 | 18 | 2,160 | Bright | sS | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101803100069 | 18 | 2,160 | Bright | zS | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101804100069 | 18 | 2,160 | Bright | sZ | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101806300069 | 18 | 2,160 | Galvanized | zZ | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101805300069 | 18 | 2,160 | Galvanized | sS | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101803300069 | 18 | 2,160 | Galvanized | zS | 317.5 | 183.7 | SupplierStandard | 1.6 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104101804300069 | 18 | 2,160 | Galvanized | sZ | 317.5 | 183.7 | SupplierStandard | 1.6 |
| 104101906070069 | 19 | 1,960 | Bright | zZ | 329 | 204 | SupplierStandard | 1.78 |
| 104101905070069 | 19 | 1,960 | Bright | sS | 329 | 204 | SupplierStandard | 1.78 |
| 104101903070069 | 19 | 1,960 | Bright | zS | 329 | 204 | SupplierStandard | 1.78 |
| 104101904070069 | 19 | 1,960 | Bright | sZ | 329 | 204 | SupplierStandard | 1.78 |
| 104101906270069 | 19 | 1,960 | Galvanized | zZ | 329 | 204 | SupplierStandard | 1.78 |
| 104101905270069 | 19 | 1,960 | Galvanized | sS | 329 | 204 | SupplierStandard | 1.78 |
| 104101903270069 | 19 | 1,960 | Galvanized | zS | 329 | 204 | SupplierStandard | 1.78 |
| 104101904270069 | 19 | 1,960 | Galvanized | sZ | 329 | 204 | SupplierStandard | 1.78 |
| 104101906100069 | 19 | 2,160 | Bright | zZ | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101905100069 | 19 | 2,160 | Bright | sS | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101903100069 | 19 | 2,160 | Bright | zS | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101904100069 | 19 | 2,160 | Bright | sZ | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101906300069 | 19 | 2,160 | Galvanized | zZ | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101905300069 | 19 | 2,160 | Galvanized | sS | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101903300069 | 19 | 2,160 | Galvanized | zS | 352.8 | 204 | SupplierStandard | 1.78 |
| 104101904300069 | 19 | 2,160 | Galvanized | sZ | 352.8 | 204 | SupplierStandard | 1.78 |
| 104102006070069 | 20 | 1,960 | Bright | zZ | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102005070069 | 20 | 1,960 | Bright | sS | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102003070069 | 20 | 1,960 | Bright | zS | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102004070069 | 20 | 1,960 | Bright | sZ | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102006270069 | 20 | 1,960 | Galvanized | zZ | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102005270069 | 20 | 1,960 | Galvanized | sS | 362.2 | 227.5 | SupplierStandard | 1.98 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102003270069 | 20 | 1,960 | Galvanized | zS | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102004270069 | 20 | 1,960 | Galvanized | sZ | 362.2 | 227.5 | SupplierStandard | 1.98 |
| 104102006100069 | 20 | 2,160 | Bright | zZ | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102005100069 | 20 | 2,160 | Bright | sS | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102003100069 | 20 | 2,160 | Bright | zS | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102004100069 | 20 | 2,160 | Bright | sZ | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102006300069 | 20 | 2,160 | Galvanized | zZ | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102005300069 | 20 | 2,160 | Galvanized | sS | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102003300069 | 20 | 2,160 | Galvanized | zS | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102004300069 | 20 | 2,160 | Galvanized | sZ | 391.7 | 227.5 | SupplierStandard | 1.98 |
| 104102106070069 | 21 | 1,960 | Bright | zZ | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102105070069 | 21 | 1,960 | Bright | sS | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102103070069 | 21 | 1,960 | Bright | zS | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102104070069 | 21 | 1,960 | Bright | sZ | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102106270069 | 21 | 1,960 | Galvanized | zZ | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102105270069 | 21 | 1,960 | Galvanized | sS | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102103270069 | 21 | 1,960 | Galvanized | zS | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102104270069 | 21 | 1,960 | Galvanized | sZ | 396.1 | 249 | SupplierStandard | 2.17 |
| 104102106100069 | 21 | 2,160 | Bright | zZ | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102105100069 | 21 | 2,160 | Bright | sS | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102103100069 | 21 | 2,160 | Bright | zS | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102104100069 | 21 | 2,160 | Bright | sZ | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102106300069 | 21 | 2,160 | Galvanized | zZ | 430.9 | 249 | SupplierStandard | 2.17 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102105300069 | 21 | 2,160 | Galvanized | sS | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102103300069 | 21 | 2,160 | Galvanized | zS | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102104300069 | 21 | 2,160 | Galvanized | sZ | 430.9 | 249 | SupplierStandard | 2.17 |
| 104102206070069 | 22 | 1,960 | Bright | zZ | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102205070069 | 22 | 1,960 | Bright | sS | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102203070069 | 22 | 1,960 | Bright | zS | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102204070069 | 22 | 1,960 | Bright | sZ | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102206270069 | 22 | 1,960 | Galvanized | zZ | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102205270069 | 22 | 1,960 | Galvanized | sS | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102203270069 | 22 | 1,960 | Galvanized | zS | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102204270069 | 22 | 1,960 | Galvanized | sZ | 441.4 | 273.9 | SupplierStandard | 2.38 |
| 104102206100069 | 22 | 2,160 | Bright | zZ | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102205100069 | 22 | 2,160 | Bright | sS | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102203100069 | 22 | 2,160 | Bright | zS | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102204100069 | 22 | 2,160 | Bright | sZ | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102206300069 | 22 | 2,160 | Galvanized | zZ | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102205300069 | 22 | 2,160 | Galvanized | sS | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102203300069 | 22 | 2,160 | Galvanized | zS | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102204300069 | 22 | 2,160 | Galvanized | sZ | 472 | 273.9 | SupplierStandard | 2.38 |
| 104102306070069 | 23 | 1,960 | Bright | zZ | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102305070069 | 23 | 1,960 | Bright | sS | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102303070069 | 23 | 1,960 | Bright | zS | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102304070069 | 23 | 1,960 | Bright | sZ | 471.8 | 299.6 | SupplierStandard | 2.61 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102306270069 | 23 | 1,960 | Galvanized | zZ | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102305270069 | 23 | 1,960 | Galvanized | sS | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102303270069 | 23 | 1,960 | Galvanized | zS | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102304270069 | 23 | 1,960 | Galvanized | sZ | 471.8 | 299.6 | SupplierStandard | 2.61 |
| 104102306100069 | 23 | 2,160 | Bright | zZ | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102305100069 | 23 | 2,160 | Bright | sS | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102303100069 | 23 | 2,160 | Bright | zS | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102304100069 | 23 | 2,160 | Bright | sZ | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102306300069 | 23 | 2,160 | Galvanized | zZ | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102305300069 | 23 | 2,160 | Galvanized | sS | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102303300069 | 23 | 2,160 | Galvanized | zS | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102304300069 | 23 | 2,160 | Galvanized | sZ | 513.2 | 299.6 | SupplierStandard | 2.61 |
| 104102406070069 | 24 | 1,960 | Bright | zZ | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102405070069 | 24 | 1,960 | Bright | sS | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102403070069 | 24 | 1,960 | Bright | zS | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102404070069 | 24 | 1,960 | Bright | sZ | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102406270069 | 24 | 1,960 | Galvanized | zZ | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102405270069 | 24 | 1,960 | Galvanized | sS | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102403270069 | 24 | 1,960 | Galvanized | zS | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102404270069 | 24 | 1,960 | Galvanized | sZ | 524.3 | 326.8 | SupplierStandard | 2.84 |
| 104102406100069 | 24 | 2,160 | Bright | zZ | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102405100069 | 24 | 2,160 | Bright | sS | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102403100069 | 24 | 2,160 | Bright | zS | 564.1 | 326.8 | SupplierStandard | 2.84 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102404100069 | 24 | 2,160 | Bright | sZ | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102406300069 | 24 | 2,160 | Galvanized | zZ | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102405300069 | 24 | 2,160 | Galvanized | sS | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102403300069 | 24 | 2,160 | Galvanized | zS | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102404300069 | 24 | 2,160 | Galvanized | sZ | 564.1 | 326.8 | SupplierStandard | 2.84 |
| 104102506070069 | 25 | 1,960 | Bright | zZ | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102505070069 | 25 | 1,960 | Bright | sS | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102503070069 | 25 | 1,960 | Bright | zS | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102504070069 | 25 | 1,960 | Bright | sZ | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102506270069 | 25 | 1,960 | Galvanized | zZ | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102505270069 | 25 | 1,960 | Galvanized | sS | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102503270069 | 25 | 1,960 | Galvanized | zS | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102504270069 | 25 | 1,960 | Galvanized | sZ | 567.9 | 348.8 | SupplierStandard | 3.04 |
| 104102506100069 | 25 | 2,160 | Bright | zZ | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102505100069 | 25 | 2,160 | Bright | sS | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102503100069 | 25 | 2,160 | Bright | zS | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102504100069 | 25 | 2,160 | Bright | sZ | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102506300069 | 25 | 2,160 | Galvanized | zZ | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102505300069 | 25 | 2,160 | Galvanized | sS | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102503300069 | 25 | 2,160 | Galvanized | zS | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102504300069 | 25 | 2,160 | Galvanized | sZ | 609.4 | 348.8 | SupplierStandard | 3.04 |
| 104102606070069 | 26 | 1,960 | Bright | zZ | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102605070069 | 26 | 1,960 | Bright | sS | 614.9 | 377.9 | SupplierStandard | 3.29 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102603070069 | 26 | 1,960 | Bright | zS | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102604070069 | 26 | 1,960 | Bright | sZ | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102606270069 | 26 | 1,960 | Galvanized | zZ | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102605270069 | 26 | 1,960 | Galvanized | sS | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102603270069 | 26 | 1,960 | Galvanized | zS | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102604270069 | 26 | 1,960 | Galvanized | sZ | 614.9 | 377.9 | SupplierStandard | 3.29 |
| 104102606100069 | 26 | 2,160 | Bright | zZ | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102605100069 | 26 | 2,160 | Bright | sS | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102603100069 | 26 | 2,160 | Bright | zS | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102604100069 | 26 | 2,160 | Bright | sZ | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102606300069 | 26 | 2,160 | Galvanized | zZ | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102605300069 | 26 | 2,160 | Galvanized | sS | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102603300069 | 26 | 2,160 | Galvanized | zS | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102604300069 | 26 | 2,160 | Galvanized | sZ | 657.4 | 377.9 | SupplierStandard | 3.29 |
| 104102706070069 | 27 | 1,960 | Bright | zZ | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102705070069 | 27 | 1,960 | Bright | sS | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102703070069 | 27 | 1,960 | Bright | zS | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102704070069 | 27 | 1,960 | Bright | sZ | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102706270069 | 27 | 1,960 | Galvanized | zZ | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102705270069 | 27 | 1,960 | Galvanized | sS | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102703270069 | 27 | 1,960 | Galvanized | zS | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102704270069 | 27 | 1,960 | Galvanized | sZ | 654.2 | 410.5 | SupplierStandard | 3.57 |
| 104102706100069 | 27 | 2,160 | Bright | zZ | 711.7 | 410.5 | SupplierStandard | 3.57 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|------|
| 104102705100069 | 27 | 2,160 | Bright | sS | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102703100069 | 27 | 2,160 | Bright | zS | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102704100069 | 27 | 2,160 | Bright | sZ | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102706300069 | 27 | 2,160 | Galvanized | zZ | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102705300069 | 27 | 2,160 | Galvanized | sS | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102703300069 | 27 | 2,160 | Galvanized | zS | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102704300069 | 27 | 2,160 | Galvanized | sZ | 711.7 | 410.5 | SupplierStandard | 3.57 |
| 104102806070069 | 28 | 1,960 | Bright | zZ | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102805070069 | 28 | 1,960 | Bright | sS | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102803070069 | 28 | 1,960 | Bright | zS | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102804070069 | 28 | 1,960 | Bright | sZ | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102806270069 | 28 | 1,960 | Galvanized | zZ | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102805270069 | 28 | 1,960 | Galvanized | sS | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102803270069 | 28 | 1,960 | Galvanized | zS | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102804270069 | 28 | 1,960 | Galvanized | sZ | 712.9 | 442.5 | SupplierStandard | 3.85 |
| 104102806100069 | 28 | 2,160 | Bright | zZ | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102805100069 | 28 | 2,160 | Bright | sS | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102803100069 | 28 | 2,160 | Bright | zS | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102804100069 | 28 | 2,160 | Bright | sZ | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102806300069 | 28 | 2,160 | Galvanized | zZ | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102805300069 | 28 | 2,160 | Galvanized | sS | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102803300069 | 28 | 2,160 | Galvanized | zS | 765.6 | 442.5 | SupplierStandard | 3.85 |
| 104102804300069 | 28 | 2,160 | Galvanized | sZ | 765.6 | 442.5 | SupplierStandard | 3.85 |

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| 104102906070069 | 29 | 1,960 | Bright | zZ | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102905070069 | 29 | 1,960 | Bright | sS | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102903070069 | 29 | 1,960 | Bright | zS | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102904070069 | 29 | 1,960 | Bright | sZ | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102906270069 | 29 | 1,960 | Galvanized | zZ | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102905270069 | 29 | 1,960 | Galvanized | sS | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102903270069 | 29 | 1,960 | Galvanized | zS | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102904270069 | 29 | 1,960 | Galvanized | sZ | 754.6 | 473.4 | SupplierStandard | 4.12 |
| 104102906100069 | 29 | 2,160 | Bright | zZ | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102905100069 | 29 | 2,160 | Bright | sS | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102903100069 | 29 | 2,160 | Bright | zS | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102904100069 | 29 | 2,160 | Bright | sZ | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102906300069 | 29 | 2,160 | Galvanized | zZ | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102905300069 | 29 | 2,160 | Galvanized | sS | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102903300069 | 29 | 2,160 | Galvanized | zS | 821 | 473.4 | SupplierStandard | 4.12 |
| 104102904300069 | 29 | 2,160 | Galvanized | sZ | 821 | 473.4 | SupplierStandard | 4.12 |
| 104103006070069 | 30 | 1,960 | Bright | zZ | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103005070069 | 30 | 1,960 | Bright | sS | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103003070069 | 30 | 1,960 | Bright | zS | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103004070069 | 30 | 1,960 | Bright | sZ | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103006270069 | 30 | 1,960 | Galvanized | zZ | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103005270069 | 30 | 1,960 | Galvanized | sS | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103003270069 | 30 | 1,960 | Galvanized | zS | 817.4 | 505.4 | SupplierStandard | 4.4 |

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|-----------------|----|-------|------------|----|-------|-------|------------------|-----|
| 104103004270069 | 30 | 1,960 | Galvanized | sZ | 817.4 | 505.4 | SupplierStandard | 4.4 |
| 104103006100069 | 30 | 2,160 | Bright | zZ | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103005100069 | 30 | 2,160 | Bright | sS | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103003100069 | 30 | 2,160 | Bright | zS | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103004100069 | 30 | 2,160 | Bright | sZ | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103006300069 | 30 | 2,160 | Galvanized | zZ | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103005300069 | 30 | 2,160 | Galvanized | sS | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103003300069 | 30 | 2,160 | Galvanized | zS | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103004300069 | 30 | 2,160 | Galvanized | sZ | 877.9 | 505.4 | SupplierStandard | 4.4 |
| 104103106070069 | 31 | 1,960 | Bright | zZ | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103105070069 | 31 | 1,960 | Bright | sS | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103103070069 | 31 | 1,960 | Bright | zS | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103104070069 | 31 | 1,960 | Bright | sZ | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103106270069 | 31 | 1,960 | Galvanized | zZ | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103105270069 | 31 | 1,960 | Galvanized | sS | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103103270069 | 31 | 1,960 | Galvanized | zS | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103104270069 | 31 | 1,960 | Galvanized | sZ | 869.7 | 539.7 | SupplierStandard | 4.7 |
| 104103106100069 | 31 | 2,160 | Bright | zZ | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103105100069 | 31 | 2,160 | Bright | sS | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103103100069 | 31 | 2,160 | Bright | zS | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103104100069 | 31 | 2,160 | Bright | sZ | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103106300069 | 31 | 2,160 | Galvanized | zZ | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103105300069 | 31 | 2,160 | Galvanized | sS | 958.4 | 539.7 | SupplierStandard | 4.7 |

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| 104103103300069 | 31 | 2,160 | Galvanized | zS | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103104300069 | 31 | 2,160 | Galvanized | sZ | 958.4 | 539.7 | SupplierStandard | 4.7 |
| 104103206070069 | 32 | 1,960 | Bright | zZ | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103205070069 | 32 | 1,960 | Bright | sS | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103203070069 | 32 | 1,960 | Bright | zS | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103204070069 | 32 | 1,960 | Bright | sZ | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103206270069 | 32 | 1,960 | Galvanized | zZ | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103205270069 | 32 | 1,960 | Galvanized | sS | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103203270069 | 32 | 1,960 | Galvanized | zS | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103204270069 | 32 | 1,960 | Galvanized | sZ | 930 | 579.4 | SupplierStandard | 5.04 |
| 104103206100069 | 32 | 2,160 | Bright | zZ | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103205100069 | 32 | 2,160 | Bright | sS | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103203100069 | 32 | 2,160 | Bright | zS | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103204100069 | 32 | 2,160 | Bright | sZ | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103206300069 | 32 | 2,160 | Galvanized | zZ | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103205300069 | 32 | 2,160 | Galvanized | sS | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103203300069 | 32 | 2,160 | Galvanized | zS | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103204300069 | 32 | 2,160 | Galvanized | sZ | 1,002.8 | 579.4 | SupplierStandard | 5.04 |
| 104103306070069 | 33 | 1,960 | Bright | zZ | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103305070069 | 33 | 1,960 | Bright | sS | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103303070069 | 33 | 1,960 | Bright | zS | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103304070069 | 33 | 1,960 | Bright | sZ | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103306270069 | 33 | 1,960 | Galvanized | zZ | 992.8 | 616.1 | SupplierStandard | 5.36 |

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| 104103305270069 | 33 | 1,960 | Galvanized | sS | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103303270069 | 33 | 1,960 | Galvanized | zS | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103304270069 | 33 | 1,960 | Galvanized | sZ | 992.8 | 616.1 | SupplierStandard | 5.36 |
| 104103306100069 | 33 | 2,160 | Bright | zZ | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103305100069 | 33 | 2,160 | Bright | sS | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103303100069 | 33 | 2,160 | Bright | zS | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103304100069 | 33 | 2,160 | Bright | sZ | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103306300069 | 33 | 2,160 | Galvanized | zZ | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103305300069 | 33 | 2,160 | Galvanized | sS | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103303300069 | 33 | 2,160 | Galvanized | zS | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103304300069 | 33 | 2,160 | Galvanized | sZ | 1,094.1 | 616.1 | SupplierStandard | 5.36 |
| 104103406070069 | 34 | 1,960 | Bright | zZ | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103405070069 | 34 | 1,960 | Bright | sS | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103403070069 | 34 | 1,960 | Bright | zS | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103404070069 | 34 | 1,960 | Bright | sZ | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103406270069 | 34 | 1,960 | Galvanized | zZ | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103405270069 | 34 | 1,960 | Galvanized | sS | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103403270069 | 34 | 1,960 | Galvanized | zS | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103404270069 | 34 | 1,960 | Galvanized | sZ | 1,045 | 652 | SupplierStandard | 5.67 |
| 104103406100069 | 34 | 2,160 | Bright | zZ | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103405100069 | 34 | 2,160 | Bright | sS | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103403100069 | 34 | 2,160 | Bright | zS | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103404100069 | 34 | 2,160 | Bright | sZ | 1,130.9 | 652 | SupplierStandard | 5.67 |

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|-----------------|----|-------|------------|----|---------|-------|------------------|------|
| 104103406300069 | 34 | 2,160 | Galvanized | zZ | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103405300069 | 34 | 2,160 | Galvanized | sS | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103403300069 | 34 | 2,160 | Galvanized | zS | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103404300069 | 34 | 2,160 | Galvanized | sZ | 1,130.9 | 652 | SupplierStandard | 5.67 |
| 104103606070069 | 36 | 1,960 | Bright | zZ | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103605070069 | 36 | 1,960 | Bright | sS | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103603070069 | 36 | 1,960 | Bright | zS | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103604070069 | 36 | 1,960 | Bright | sZ | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103606270069 | 36 | 1,960 | Galvanized | zZ | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103605270069 | 36 | 1,960 | Galvanized | sS | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103603270069 | 36 | 1,960 | Galvanized | zS | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103604270069 | 36 | 1,960 | Galvanized | sZ | 1,185 | 735.6 | SupplierStandard | 6.4 |
| 104103606100069 | 36 | 2,160 | Bright | zZ | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103605100069 | 36 | 2,160 | Bright | sS | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103603100069 | 36 | 2,160 | Bright | zS | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103604100069 | 36 | 2,160 | Bright | sZ | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103606300069 | 36 | 2,160 | Galvanized | zZ | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103605300069 | 36 | 2,160 | Galvanized | sS | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103603300069 | 36 | 2,160 | Galvanized | zS | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103604300069 | 36 | 2,160 | Galvanized | sZ | 1,262.3 | 735.6 | SupplierStandard | 6.4 |
| 104103806070069 | 38 | 1,960 | Bright | zZ | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103805070069 | 38 | 1,960 | Bright | sS | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103803070069 | 38 | 1,960 | Bright | zS | 1,319 | 815.3 | SupplierStandard | 7.09 |

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|-----------------|----|-------|------------|----|---------|-------|------------------|------|
| 104103804070069 | 38 | 1,960 | Bright | sZ | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103806270069 | 38 | 1,960 | Galvanized | zZ | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103805270069 | 38 | 1,960 | Galvanized | sS | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103803270069 | 38 | 1,960 | Galvanized | zS | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103804270069 | 38 | 1,960 | Galvanized | sZ | 1,319 | 815.3 | SupplierStandard | 7.09 |
| 104103806100069 | 38 | 2,160 | Bright | zZ | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103805100069 | 38 | 2,160 | Bright | sS | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103803100069 | 38 | 2,160 | Bright | zS | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103804100069 | 38 | 2,160 | Bright | sZ | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103806300069 | 38 | 2,160 | Galvanized | zZ | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103805300069 | 38 | 2,160 | Galvanized | sS | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103803300069 | 38 | 2,160 | Galvanized | zS | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104103804300069 | 38 | 2,160 | Galvanized | sZ | 1,412.2 | 815.3 | SupplierStandard | 7.09 |
| 104104006070069 | 40 | 1,960 | Bright | zZ | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104005070069 | 40 | 1,960 | Bright | sS | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104003070069 | 40 | 1,960 | Bright | zS | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104004070069 | 40 | 1,960 | Bright | sZ | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104006270069 | 40 | 1,960 | Galvanized | zZ | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104005270069 | 40 | 1,960 | Galvanized | sS | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104003270069 | 40 | 1,960 | Galvanized | zS | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104004270069 | 40 | 1,960 | Galvanized | sZ | 1,319 | 909.9 | SupplierStandard | 7.92 |
| 104104006100069 | 40 | 2,160 | Bright | zZ | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104005100069 | 40 | 2,160 | Bright | sS | 1,412.2 | 909.9 | SupplierStandard | 7.92 |

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|-----------------|----|-------|------------|----|---------|-------|------------------|------|
| 104104003100069 | 40 | 2,160 | Bright | zS | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104004100069 | 40 | 2,160 | Bright | sZ | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104006300069 | 40 | 2,160 | Galvanized | zZ | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104005300069 | 40 | 2,160 | Galvanized | sS | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104003300069 | 40 | 2,160 | Galvanized | zS | 1,412.2 | 909.9 | SupplierStandard | 7.92 |
| 104104004300069 | 40 | 2,160 | Galvanized | sZ | 1,412.2 | 909.9 | SupplierStandard | 7.92 |