

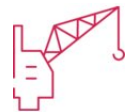
Offshore crane



Piling crane



Mobile port crane



## Steel Wire Rope Verotop P

### Product information



**Wire rope construction:** Verotop P is a rotation-resistant rope with compacted strands and a rope core covered with a plastic layer.

#### Features:

- Very high breaking strength.
- Provides a very stable rope structure and achieves excellent bending fatigue results.
- Offers excellent crushing and very good abrasion resistance.
- Possesses perfect spooling behavior on multilayer drum.

**ISO 4309 Rope Category No:** All Diameters **RCN.23-3.**

**Marking:** According to standard

**Standard:** EN 12385-4

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

**Fill factor:** 0.73

**RCN:** 23-3

**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
104101605070149	16	1,960	147	241.7	Bright	sS	125
104101604070149	16	1,960	147	241.7	Bright	sZ	125
104101603070149	16	1,960	147	241.7	Bright	zS	125
104101606070149	16	1,960	147	241.7	Bright	zZ	125

104101605270149	16	1,960	147	241.7	Galvanized	sS	125
104101604270149	16	1,960	147	241.7	Galvanized	sZ	125
104101603270149	16	1,960	147	241.7	Galvanized	zS	125
104101606270149	16	1,960	147	241.7	Galvanized	zZ	125
104101605100149	16	2,160	147	252.7	Bright	sS	125
104101604100149	16	2,160	147	252.7	Bright	sZ	125
104101603100149	16	2,160	147	252.7	Bright	zS	125
104101606100149	16	2,160	147	252.7	Bright	zZ	125
104101605300149	16	2,160	147	252.7	Galvanized	sS	125
104101604300149	16	2,160	147	252.7	Galvanized	sZ	125
104101603300149	16	2,160	147	252.7	Galvanized	zS	125
104101606300149	16	2,160	147	252.7	Galvanized	zZ	125
104101705070149	17	1,960	166	272.8	Bright	sS	141
104101704070149	17	1,960	166	272.8	Bright	sZ	141
104101703070149	17	1,960	166	272.8	Bright	zS	141
104101706070149	17	1,960	166	272.8	Bright	zZ	141
104101705270149	17	1,960	166	272.8	Galvanized	sS	141
104101704270149	17	1,960	166	272.8	Galvanized	sZ	141
104101703270149	17	1,960	166	272.8	Galvanized	zS	141
104101706270149	17	1,960	166	272.8	Galvanized	zZ	141
104101705100149	17	2,160	166	285.3	Bright	sS	141
104101704100149	17	2,160	166	285.3	Bright	sZ	141
104101703100149	17	2,160	166	285.3	Bright	zS	141

104101706100149	17	2,160	166	285.3	Bright	zZ	141
104101705300149	17	2,160	166	285.3	Galvanized	sS	141
104101704300149	17	2,160	166	285.3	Galvanized	sZ	141
104101703300149	17	2,160	166	285.3	Galvanized	zS	141
104101706300149	17	2,160	166	285.3	Galvanized	zZ	141
104101805070149	18	1,960	186	305.8	Bright	sS	158
104101804070149	18	1,960	186	305.8	Bright	sZ	158
104101803070149	18	1,960	186	305.8	Bright	zS	158
104101806070149	18	1,960	186	305.8	Bright	zZ	158
104101805270149	18	1,960	186	305.8	Galvanized	sS	158
104101804270149	18	1,960	186	305.8	Galvanized	sZ	158
104101803270149	18	1,960	186	305.8	Galvanized	zS	158
104101806270149	18	1,960	186	305.8	Galvanized	zZ	158
104101805100149	18	2,160	186	319.8	Bright	sS	158
104101804100149	18	2,160	186	319.8	Bright	sZ	158
104101803100149	18	2,160	186	319.8	Bright	zS	158
104101806100149	18	2,160	186	319.8	Bright	zZ	158
104101805300149	18	2,160	186	319.8	Galvanized	sS	158
104101804300149	18	2,160	186	319.8	Galvanized	sZ	158
104101803300149	18	2,160	186	319.8	Galvanized	zS	158
104101806300149	18	2,160	186	319.8	Galvanized	zZ	158
104101905070149	19	1,960	207	340.8	Bright	sS	176
104101904070149	19	1,960	207	340.8	Bright	sZ	176

104101903070149	19	1,960	207	340.8	Bright	zS	176
104101906070149	19	1,960	207	340.8	Bright	zZ	176
104101905270149	19	1,960	207	340.8	Galvanized	sS	176
104101904270149	19	1,960	207	340.8	Galvanized	sZ	176
104101903270149	19	1,960	207	340.8	Galvanized	zS	176
104101906270149	19	1,960	207	340.8	Galvanized	zZ	176
104101905100149	19	2,160	207	356.3	Bright	sS	176
104101904100149	19	2,160	207	356.3	Bright	sZ	176
104101903100149	19	2,160	207	356.3	Bright	zS	176
104101906100149	19	2,160	207	356.3	Bright	zZ	176
104101905300149	19	2,160	207	356.3	Galvanized	sS	176
104101904300149	19	2,160	207	356.3	Galvanized	sZ	176
104101903300149	19	2,160	207	356.3	Galvanized	zS	176
104101906300149	19	2,160	207	356.3	Galvanized	zZ	176
104102005070149	20	1,960	229	377.6	Bright	sS	195
104102004070149	20	1,960	229	377.6	Bright	sZ	195
104102003070149	20	1,960	229	377.6	Bright	zS	195
104102006070149	20	1,960	229	377.6	Bright	zZ	195
104102005270149	20	1,960	229	377.6	Galvanized	sS	195
104102004270149	20	1,960	229	377.6	Galvanized	sZ	195
104102003270149	20	1,960	229	377.6	Galvanized	zS	195
104102006270149	20	1,960	229	377.6	Galvanized	zZ	195
104102005100149	20	2,160	229	394.8	Bright	sS	195

104102004100149	20	2,160	229	394.8	Bright	sZ	195
104102003100149	20	2,160	229	394.8	Bright	zS	195
104102006100149	20	2,160	229	394.8	Bright	zZ	195
104102005300149	20	2,160	229	394.8	Galvanized	sS	195
104102004300149	20	2,160	229	394.8	Galvanized	sZ	195
104102003300149	20	2,160	229	394.8	Galvanized	zS	195
104102006300149	20	2,160	229	394.8	Galvanized	zZ	195
104102105070149	21	1,960	253	416.3	Bright	sS	215
104102104070149	21	1,960	253	416.3	Bright	sZ	215
104102103070149	21	1,960	253	416.3	Bright	zS	215
104102106070149	21	1,960	253	416.3	Bright	zZ	215
104102105270149	21	1,960	253	416.3	Galvanized	sS	215
104102104270149	21	1,960	253	416.3	Galvanized	sZ	215
104102103270149	21	1,960	253	416.3	Galvanized	zS	215
104102106270149	21	1,960	253	416.3	Galvanized	zZ	215
104102105100149	21	2,160	253	435.3	Bright	sS	215
104102104100149	21	2,160	253	435.3	Bright	sZ	215
104102103100149	21	2,160	253	435.3	Bright	zS	215
104102106100149	21	2,160	253	435.3	Bright	zZ	215
104102105300149	21	2,160	253	435.3	Galvanized	sS	215
104102104300149	21	2,160	253	435.3	Galvanized	sZ	215
104102103300149	21	2,160	253	435.3	Galvanized	zS	215
104102106300149	21	2,160	253	435.3	Galvanized	zZ	215

104102205070149	22	1,960	277	456.9	Bright	sS	236
104102204070149	22	1,960	277	456.9	Bright	sZ	236
104102203070149	22	1,960	277	456.9	Bright	zS	236
104102206070149	22	1,960	277	456.9	Bright	zZ	236
104102205270149	22	1,960	277	456.9	Galvanized	sS	236
104102204270149	22	1,960	277	456.9	Galvanized	sZ	236
104102203270149	22	1,960	277	456.9	Galvanized	zS	236
104102206270149	22	1,960	277	456.9	Galvanized	zZ	236
104102205100149	22	2,160	277	477.7	Bright	sS	236
104102204100149	22	2,160	277	477.7	Bright	sZ	236
104102203100149	22	2,160	277	477.7	Bright	zS	236
104102206100149	22	2,160	277	477.7	Bright	zZ	236
104102205300149	22	2,160	277	477.7	Galvanized	sS	236
104102204300149	22	2,160	277	477.7	Galvanized	sZ	236
104102203300149	22	2,160	277	477.7	Galvanized	zS	236
104102206300149	22	2,160	277	477.7	Galvanized	zZ	236
104102245070149	22.4	1,960	283	473.6	Bright	sS	240
104102244070149	22.4	1,960	283	473.6	Bright	sZ	240
104102243070149	22.4	1,960	283	473.6	Bright	zS	240
104102246070149	22.4	1,960	283	473.6	Bright	zZ	240
104102245270149	22.4	1,960	283	473.6	Galvanized	sS	240
104102244270149	22.4	1,960	283	473.6	Galvanized	sZ	240
104102243270149	22.4	1,960	283	473.6	Galvanized	zS	240

104102246270149	22.4	1,960	283	473.6	Galvanized	zZ	240
104102245100149	22.4	2,160	283	495.3	Bright	sS	240
104102244100149	22.4	2,160	283	495.3	Bright	sZ	240
104102243100149	22.4	2,160	283	495.3	Bright	zS	240
104102246100149	22.4	2,160	283	495.3	Bright	zZ	240
104102245300149	22.4	2,160	283	495.3	Galvanized	sS	240
104102244300149	22.4	2,160	283	495.3	Galvanized	sZ	240
104102243300149	22.4	2,160	283	495.3	Galvanized	zS	240
104102246300149	22.4	2,160	283	495.3	Galvanized	zZ	240
104102305070149	23	1,960	303	499.3	Bright	sS	258
104102304070149	23	1,960	303	499.3	Bright	sZ	258
104102303070149	23	1,960	303	499.3	Bright	zS	258
104102306070149	23	1,960	303	499.3	Bright	zZ	258
104102305270149	23	1,960	303	499.3	Galvanized	sS	258
104102304270149	23	1,960	303	499.3	Galvanized	sZ	258
104102303270149	23	1,960	303	499.3	Galvanized	zS	258
104102306270149	23	1,960	303	499.3	Galvanized	zZ	258
104102305100149	23	2,160	303	522.2	Bright	sS	258
104102304100149	23	2,160	303	522.2	Bright	sZ	258
104102303100149	23	2,160	303	522.2	Bright	zS	258
104102306100149	23	2,160	303	522.2	Bright	zZ	258
104102305300149	23	2,160	303	522.2	Galvanized	sS	258
104102304300149	23	2,160	303	522.2	Galvanized	sZ	258

104102303300149	23	2,160	303	522.2	Galvanized	zS	258
104102306300149	23	2,160	303	522.2	Galvanized	zZ	258
104102405070149	24	1,960	330	543.7	Bright	sS	281
104102404070149	24	1,960	330	543.7	Bright	sZ	281
104102403070149	24	1,960	330	543.7	Bright	zS	281
104102406070149	24	1,960	330	543.7	Bright	zZ	281
104102405270149	24	1,960	330	543.7	Galvanized	sS	281
104102404270149	24	1,960	330	543.7	Galvanized	sZ	281
104102403270149	24	1,960	330	543.7	Galvanized	zS	281
104102406270149	24	1,960	330	543.7	Galvanized	zZ	281
104102405100149	24	2,160	330	568.6	Bright	sS	281
104102404100149	24	2,160	330	568.6	Bright	sZ	281
104102403100149	24	2,160	330	568.6	Bright	zS	281
104102406100149	24	2,160	330	568.6	Bright	zZ	281
104102405300149	24	2,160	330	568.6	Galvanized	sS	281
104102404300149	24	2,160	330	568.6	Galvanized	sZ	281
104102403300149	24	2,160	330	568.6	Galvanized	zS	281
104102406300149	24	2,160	330	568.6	Galvanized	zZ	281
104102505070149	25	1,960	358	590	Bright	sS	305
104102504070149	25	1,960	358	590	Bright	sZ	305
104102503070149	25	1,960	358	590	Bright	zS	305
104102506070149	25	1,960	358	590	Bright	zZ	305
104102505270149	25	1,960	358	590	Galvanized	sS	305



104102504270149	25	1,960	358	590	Galvanized	sZ	305
104102503270149	25	1,960	358	590	Galvanized	zS	305
104102506270149	25	1,960	358	590	Galvanized	zZ	305
104102505100149	25	2,160	358	616.9	Bright	sS	305
104102504100149	25	2,160	358	616.9	Bright	sZ	305
104102503100149	25	2,160	358	616.9	Bright	zS	305
104102506100149	25	2,160	358	616.9	Bright	zZ	305
104102505300149	25	2,160	358	616.9	Galvanized	sS	305
104102504300149	25	2,160	358	616.9	Galvanized	sZ	305
104102503300149	25	2,160	358	616.9	Galvanized	zS	305
104102506300149	25	2,160	358	616.9	Galvanized	zZ	305
104102545070149	25.4	1,960	370	609	Bright	sS	314
104102544070149	25.4	1,960	370	609	Bright	sZ	314
104102543070149	25.4	1,960	370	609	Bright	zS	314
104102546070149	25.4	1,960	370	609	Bright	zZ	314
104102545270149	25.4	1,960	370	609	Galvanized	sS	314
104102544270149	25.4	1,960	370	609	Galvanized	sZ	314
104102543270149	25.4	1,960	370	609	Galvanized	zS	314
104102546270149	25.4	1,960	370	609	Galvanized	zZ	314
104102545100149	25.4	2,160	370	636.8	Bright	sS	314
104102544100149	25.4	2,160	370	636.8	Bright	sZ	314
104102543100149	25.4	2,160	370	636.8	Bright	zS	314
104102546100149	25.4	2,160	370	636.8	Bright	zZ	314

104102545300149	25.4	2,160	370	636.8	Galvanized	sS	314
104102544300149	25.4	2,160	370	636.8	Galvanized	sZ	314
104102543300149	25.4	2,160	370	636.8	Galvanized	zS	314
104102546300149	25.4	2,160	370	636.8	Galvanized	zZ	314
104102605070149	26	1,960	388	638.1	Bright	sS	329
104102604070149	26	1,960	388	638.1	Bright	sZ	329
104102603070149	26	1,960	388	638.1	Bright	zS	329
104102606070149	26	1,960	388	638.1	Bright	zZ	329
104102605270149	26	1,960	388	638.1	Galvanized	sS	329
104102604270149	26	1,960	388	638.1	Galvanized	sZ	329
104102603270149	26	1,960	388	638.1	Galvanized	zS	329
104102606270149	26	1,960	388	638.1	Galvanized	zZ	329
104102605100149	26	2,160	388	667.3	Bright	sS	329
104102604100149	26	2,160	388	667.3	Bright	sZ	329
104102603100149	26	2,160	388	667.3	Bright	zS	329
104102606100149	26	2,160	388	667.3	Bright	zZ	329
104102605300149	26	2,160	388	667.3	Galvanized	sS	329
104102604300149	26	2,160	388	667.3	Galvanized	sZ	329
104102603300149	26	2,160	388	667.3	Galvanized	zS	329
104102606300149	26	2,160	388	667.3	Galvanized	zZ	329
104102705070149	27	1,960	418	688.1	Bright	sS	355
104102704070149	27	1,960	418	688.1	Bright	sZ	355
104102703070149	27	1,960	418	688.1	Bright	zS	355

104102706070149	27	1,960	418	688.1	Bright	zZ	355
104102705270149	27	1,960	418	688.1	Galvanized	sS	355
104102704270149	27	1,960	418	688.1	Galvanized	sZ	355
104102703270149	27	1,960	418	688.1	Galvanized	zS	355
104102706270149	27	1,960	418	688.1	Galvanized	zZ	355
104102705100149	27	2,160	418	719.6	Bright	sS	355
104102704100149	27	2,160	418	719.6	Bright	sZ	355
104102703100149	27	2,160	418	719.6	Bright	zS	355
104102706100149	27	2,160	418	719.6	Bright	zZ	355
104102705300149	27	2,160	418	719.6	Galvanized	sS	355
104102704300149	27	2,160	418	719.6	Galvanized	sZ	355
104102703300149	27	2,160	418	719.6	Galvanized	zS	355
104102706300149	27	2,160	418	719.6	Galvanized	zZ	355
104102805070149	28	1,960	449	740.1	Bright	sS	382
104102804070149	28	1,960	449	740.1	Bright	sZ	382
104102803070149	28	1,960	449	740.1	Bright	zS	382
104102806070149	28	1,960	449	740.1	Bright	zZ	382
104102805270149	28	1,960	449	740.1	Galvanized	sS	382
104102804270149	28	1,960	449	740.1	Galvanized	sZ	382
104102803270149	28	1,960	449	740.1	Galvanized	zS	382
104102806270149	28	1,960	449	740.1	Galvanized	zZ	382
104102805100149	28	2,160	449	773.9	Bright	sS	382
104102804100149	28	2,160	449	773.9	Bright	sZ	382

104102803100149	28	2,160	449	773.9	Bright	zS	382
104102806100149	28	2,160	449	773.9	Bright	zZ	382
104102805300149	28	2,160	449	773.9	Galvanized	sS	382
104102804300149	28	2,160	449	773.9	Galvanized	sZ	382
104102803300149	28	2,160	449	773.9	Galvanized	zS	382
104102806300149	28	2,160	449	773.9	Galvanized	zZ	382
104102865070149	28.6	1,960	469	772.1	Bright	sS	399
104102864070149	28.6	1,960	469	772.1	Bright	sZ	399
104102863070149	28.6	1,960	469	772.1	Bright	zS	399
104102866070149	28.6	1,960	469	772.1	Bright	zZ	399
104102865270149	28.6	1,960	469	772.1	Galvanized	sS	399
104102864270149	28.6	1,960	469	772.1	Galvanized	sZ	399
104102863270149	28.6	1,960	469	772.1	Galvanized	zS	399
104102866270149	28.6	1,960	469	772.1	Galvanized	zZ	399
104102865100149	28.6	2,160	469	807.4	Bright	sS	399
104102864100149	28.6	2,160	469	807.4	Bright	sZ	399
104102863100149	28.6	2,160	469	807.4	Bright	zS	399
104102866100149	28.6	2,160	469	807.4	Bright	zZ	399
104102865300149	28.6	2,160	469	807.4	Galvanized	sS	399
104102864300149	28.6	2,160	469	807.4	Galvanized	sZ	399
104102863300149	28.6	2,160	469	807.4	Galvanized	zS	399
104102866300149	28.6	2,160	469	807.4	Galvanized	zZ	399
104102905070149	29	1,960	482	793.9	Bright	sS	409.9

104102904070149	29	1,960	482	793.9	Bright	sZ	409.9
104102903070149	29	1,960	482	793.9	Bright	zS	409.9
104102906070149	29	1,960	482	793.9	Bright	zZ	409.9
104102905270149	29	1,960	482	793.9	Galvanized	sS	409.9
104102904270149	29	1,960	482	793.9	Galvanized	sZ	409.9
104102903270149	29	1,960	482	793.9	Galvanized	zS	409.9
104102906270149	29	1,960	482	793.9	Galvanized	zZ	409.9
104102905100149	29	2,160	482	830.1	Bright	sS	409.9
104102904100149	29	2,160	482	830.1	Bright	sZ	409.9
104102903100149	29	2,160	482	830.1	Bright	zS	409.9
104102906100149	29	2,160	482	830.1	Bright	zZ	409.9
104102905300149	29	2,160	482	830.1	Galvanized	sS	409.9
104102904300149	29	2,160	482	830.1	Galvanized	sZ	409.9
104102903300149	29	2,160	482	830.1	Galvanized	zS	409.9
104102906300149	29	2,160	482	830.1	Galvanized	zZ	409.9
104103005070149	30	1,960	516	849.6	Bright	sS	439
104103004070149	30	1,960	516	849.6	Bright	sZ	439
104103003070149	30	1,960	516	849.6	Bright	zS	439
104103006070149	30	1,960	516	849.6	Bright	zZ	439
104103005270149	30	1,960	516	849.6	Galvanized	sS	439
104103004270149	30	1,960	516	849.6	Galvanized	sZ	439
104103003270149	30	1,960	516	849.6	Galvanized	zS	439
104103006270149	30	1,960	516	849.6	Galvanized	zZ	439

104103005100149	30	2,160	516	888.4	Bright	sS	439
104103004100149	30	2,160	516	888.4	Bright	sZ	439
104103003100149	30	2,160	516	888.4	Bright	zS	439
104103006100149	30	2,160	516	888.4	Bright	zZ	439
104103005300149	30	2,160	516	888.4	Galvanized	sS	439
104103004300149	30	2,160	516	888.4	Galvanized	sZ	439
104103003300149	30	2,160	516	888.4	Galvanized	zS	439
104103006300149	30	2,160	516	888.4	Galvanized	zZ	439
104103105070149	31	1,960	551	907.1	Bright	sS	468
104103104070149	31	1,960	551	907.1	Bright	sZ	468
104103103070149	31	1,960	551	907.1	Bright	zS	468
104103106070149	31	1,960	551	907.1	Bright	zZ	468
104103105270149	31	1,960	551	907.1	Galvanized	sS	468
104103104270149	31	1,960	551	907.1	Galvanized	sZ	468
104103103270149	31	1,960	551	907.1	Galvanized	zS	468
104103106270149	31	1,960	551	907.1	Galvanized	zZ	468
104103105100149	31	2,160	551	948.6	Bright	sS	468
104103104100149	31	2,160	551	948.6	Bright	sZ	468
104103103100149	31	2,160	551	948.6	Bright	zS	468
104103106100149	31	2,160	551	948.6	Bright	zZ	468
104103105300149	31	2,160	551	948.6	Galvanized	sS	468
104103104300149	31	2,160	551	948.6	Galvanized	sZ	468
104103103300149	31	2,160	551	948.6	Galvanized	zS	468

104103106300149	31	2,160	551	948.6	Galvanized	zZ	468
104103205070149	32	1,960	587	966.6	Bright	sS	499
104103203070149	32	1,960	587	966.6	Bright	zS	499
104103206070149	32	1,960	587	966.6	Bright	zZ	499
104103205270149	32	1,960	587	966.6	Galvanized	sS	499
104103203270149	32	1,960	587	966.6	Galvanized	zS	499
104103206270149	32	1,960	587	966.6	Galvanized	zZ	499
104103205100149	32	2,160	587	1,011	Bright	sS	499
104103203100149	32	2,160	587	1,011	Bright	zS	499
104103206100149	32	2,160	587	1,011	Bright	zZ	499
104103205300149	32	2,160	587	1,011	Galvanized	sS	499
104103203300149	32	2,160	587	1,011	Galvanized	zS	499
104103206300149	32	2,160	587	1,011	Galvanized	zZ	499
104103305070149	33	1,960	624	1,028	Bright	sS	531
104103303070149	33	1,960	624	1,028	Bright	zS	531
104103306070149	33	1,960	624	1,028	Bright	zZ	531
104103305270149	33	1,960	624	1,028	Galvanized	sS	531
104103303270149	33	1,960	624	1,028	Galvanized	zS	531
104103306270149	33	1,960	624	1,028	Galvanized	zZ	531
104103305100149	33	2,160	624	1,075	Bright	sS	531
104103303100149	33	2,160	624	1,075	Bright	zS	531
104103306100149	33	2,160	624	1,075	Bright	zZ	531
104103305300149	33	2,160	624	1,075	Galvanized	sS	531

104103303300149	33	2,160	624	1,075	Galvanized	zS	531
104103306300149	33	2,160	624	1,075	Galvanized	zZ	531
104103405070149	34	1,960	663	1,091	Bright	sS	563
104103403070149	34	1,960	663	1,091	Bright	zS	563
104103406070149	34	1,960	663	1,091	Bright	zZ	563
104103405270149	34	1,960	663	1,091	Galvanized	sS	563
104103403270149	34	1,960	663	1,091	Galvanized	zS	563
104103406270149	34	1,960	663	1,091	Galvanized	zZ	563
104103405100149	34	2,160	663	1,141	Bright	sS	563
104103403100149	34	2,160	663	1,141	Bright	zS	563
104103406100149	34	2,160	663	1,141	Bright	zZ	563
104103405300149	34	2,160	663	1,141	Galvanized	sS	563
104103403300149	34	2,160	663	1,141	Galvanized	zS	563
104103406300149	34	2,160	663	1,141	Galvanized	zZ	563
104103505070149	35	1,960	702	1,156	Bright	sS	597
104103503070149	35	1,960	702	1,156	Bright	zS	597
104103506070149	35	1,960	702	1,156	Bright	zZ	597
104103505270149	35	1,960	702	1,156	Galvanized	sS	597
104103503270149	35	1,960	702	1,156	Galvanized	zS	597
104103506270149	35	1,960	702	1,156	Galvanized	zZ	597
104103505100149	35	2,160	702	1,209	Bright	sS	597
104103503100149	35	2,160	702	1,209	Bright	zS	597
104103506100149	35	2,160	702	1,209	Bright	zZ	597



104103505300149	35	2,160	702	1,209	Galvanized	sS	597
104103503300149	35	2,160	702	1,209	Galvanized	zS	597
104103506300149	35	2,160	702	1,209	Galvanized	zZ	597
104103605070149	36	1,960	743	1,223	Bright	sS	632
104103603070149	36	1,960	743	1,223	Bright	zS	632
104103606070149	36	1,960	743	1,223	Bright	zZ	632
104103605270149	36	1,960	743	1,223	Galvanized	sS	632
104103603270149	36	1,960	743	1,223	Galvanized	zS	632
104103606270149	36	1,960	743	1,223	Galvanized	zZ	632
104103605100149	36	2,160	743	1,279	Bright	sS	632
104103603100149	36	2,160	743	1,279	Bright	zS	632
104103606100149	36	2,160	743	1,279	Bright	zZ	632
104103605300149	36	2,160	743	1,279	Galvanized	sS	632
104103603300149	36	2,160	743	1,279	Galvanized	zS	632
104103606300149	36	2,160	743	1,279	Galvanized	zZ	632
104103805070149	38	1,960	828	1,363	Bright	sS	704
104103803070149	38	1,960	828	1,363	Bright	zS	704
104103806070149	38	1,960	828	1,363	Bright	zZ	704
104103805270149	38	1,960	828	1,363	Galvanized	sS	704
104103803270149	38	1,960	828	1,363	Galvanized	zS	704
104103806270149	38	1,960	828	1,363	Galvanized	zZ	704
104103805100149	38	2,160	828	1,425	Bright	sS	704
104103803100149	38	2,160	828	1,425	Bright	zS	704

104103806100149	38	2,160	828	1,425	Bright	zZ	704
104103805300149	38	2,160	828	1,425	Galvanized	sS	704
104103803300149	38	2,160	828	1,425	Galvanized	zS	704
104103806300149	38	2,160	828	1,425	Galvanized	zZ	704
104104005070149	40	1,960	917	1,510	Bright	sS	780
104104003070149	40	1,960	917	1,510	Bright	zS	780
104104006070149	40	1,960	917	1,510	Bright	zZ	780
104104005270149	40	1,960	917	1,510	Galvanized	sS	780
104104003270149	40	1,960	917	1,510	Galvanized	zS	780
104104006270149	40	1,960	917	1,510	Galvanized	zZ	780
104104005100149	40	2,160	917	1,579	Bright	sS	780
104104003100149	40	2,160	917	1,579	Bright	zS	780
104104006100149	40	2,160	917	1,579	Bright	zZ	780
104104005300149	40	2,160	917	1,579	Galvanized	sS	780
104104003300149	40	2,160	917	1,579	Galvanized	zS	780
104104006300149	40	2,160	917	1,579	Galvanized	zZ	780
104104205070149	42	1,960	1,011	1,665	Bright	sS	860
104104203070149	42	1,960	1,011	1,665	Bright	zS	860
104104206070149	42	1,960	1,011	1,665	Bright	zZ	860
104104205270149	42	1,960	1,011	1,665	Galvanized	sS	860
104104203270149	42	1,960	1,011	1,665	Galvanized	zS	860
104104206270149	42	1,960	1,011	1,665	Galvanized	zZ	860
104104205100149	42	2,160	1,011	1,741	Bright	sS	860

104104203100149	42	2,160	1,011	1,741	Bright	zS	860
104104206100149	42	2,160	1,011	1,741	Bright	zZ	860
104104205300149	42	2,160	1,011	1,741	Galvanized	sS	860
104104203300149	42	2,160	1,011	1,741	Galvanized	zS	860
104104206300149	42	2,160	1,011	1,741	Galvanized	zZ	860
104104305070149	43	1,960	1,060	1,745	Bright	sS	901
104104303070149	43	1,960	1,060	1,745	Bright	zS	901
104104306070149	43	1,960	1,060	1,745	Bright	zZ	901
104104305270149	43	1,960	1,060	1,745	Galvanized	sS	901
104104303270149	43	1,960	1,060	1,745	Galvanized	zS	901
104104306270149	43	1,960	1,060	1,745	Galvanized	zZ	901
104104305100149	43	2,160	1,060	1,825	Bright	sS	901
104104303100149	43	2,160	1,060	1,825	Bright	zS	901
104104306100149	43	2,160	1,060	1,825	Bright	zZ	901
104104305300149	43	2,160	1,060	1,825	Galvanized	sS	901
104104303300149	43	2,160	1,060	1,825	Galvanized	zS	901
104104306300149	43	2,160	1,060	1,825	Galvanized	zZ	901
104104405070149	44	1,960	1,110	1,827	Bright	sS	944
104104403070149	44	1,960	1,110	1,827	Bright	zS	944
104104406070149	44	1,960	1,110	1,827	Bright	zZ	944
104104405270149	44	1,960	1,110	1,827	Galvanized	sS	944
104104403270149	44	1,960	1,110	1,827	Galvanized	zS	944
104104406270149	44	1,960	1,110	1,827	Galvanized	zZ	944

104104405100149	44	2,160	1,110	1,911	Bright	sS	944
104104403100149	44	2,160	1,110	1,911	Bright	zS	944
104104406100149	44	2,160	1,110	1,911	Bright	zZ	944
104104405300149	44	2,160	1,110	1,911	Galvanized	sS	944
104104403300149	44	2,160	1,110	1,911	Galvanized	zS	944
104104406300149	44	2,160	1,110	1,911	Galvanized	zZ	944
104104505070149	45	1,960	1,161	1,911	Bright	sS	987
104104503070149	45	1,960	1,161	1,911	Bright	zS	987
104104506070149	45	1,960	1,161	1,911	Bright	zZ	987
104104505270149	45	1,960	1,161	1,911	Galvanized	sS	987
104104503270149	45	1,960	1,161	1,911	Galvanized	zS	987
104104506270149	45	1,960	1,161	1,911	Galvanized	zZ	987
104104505100149	45	2,160	1,161	1,999	Bright	sS	987
104104503100149	45	2,160	1,161	1,999	Bright	zS	987
104104506100149	45	2,160	1,161	1,999	Bright	zZ	987
104104505300149	45	2,160	1,161	1,999	Galvanized	sS	987
104104503300149	45	2,160	1,161	1,999	Galvanized	zS	987
104104506300149	45	2,160	1,161	1,999	Galvanized	zZ	987
104104605070149	46	1,960	1,213	1,997	Bright	sS	1,031
104104603070149	46	1,960	1,213	1,997	Bright	zS	1,031
104104606070149	46	1,960	1,213	1,997	Bright	zZ	1,031
104104605270149	46	1,960	1,213	1,997	Galvanized	sS	1,031
104104603270149	46	1,960	1,213	1,997	Galvanized	zS	1,031

104104606270149	46	1,960	1,213	1,997	Galvanized	zZ	1,031
104104605100149	46	2,160	1,213	2,089	Bright	sS	1,031
104104603100149	46	2,160	1,213	2,089	Bright	zS	1,031
104104606100149	46	2,160	1,213	2,089	Bright	zZ	1,031
104104605300149	46	2,160	1,213	2,089	Galvanized	sS	1,031
104104603300149	46	2,160	1,213	2,089	Galvanized	zS	1,031
104104606300149	46	2,160	1,213	2,089	Galvanized	zZ	1,031
104104805070149	48	1,960	1,321	2,175	Bright	sS	1,123
104104803070149	48	1,960	1,321	2,175	Bright	zS	1,123
104104806070149	48	1,960	1,321	2,175	Bright	zZ	1,123
104104805270149	48	1,960	1,321	2,175	Galvanized	sS	1,123
104104803270149	48	1,960	1,321	2,175	Galvanized	zS	1,123
104104806270149	48	1,960	1,321	2,175	Galvanized	zZ	1,123
104104805100149	48	2,160	1,321	2,274	Bright	sS	1,123
104104803100149	48	2,160	1,321	2,274	Bright	zS	1,123
104104806100149	48	2,160	1,321	2,274	Bright	zZ	1,123
104104805300149	48	2,160	1,321	2,274	Galvanized	sS	1,123
104104803300149	48	2,160	1,321	2,274	Galvanized	zS	1,123
104104806300149	48	2,160	1,321	2,274	Galvanized	zZ	1,123
104105005070149	50	1,960	1,433	2,360	Bright	sS	1,218
104105003070149	50	1,960	1,433	2,360	Bright	zS	1,218
104105006070149	50	1,960	1,433	2,360	Bright	zZ	1,218
104105005270149	50	1,960	1,433	2,360	Galvanized	sS	1,218

104105003270149	50	1,960	1,433	2,360	Galvanized	zS	1,218
104105006270149	50	1,960	1,433	2,360	Galvanized	zZ	1,218
104105005100149	50	2,160	1,433	2,468	Bright	sS	1,218
104105003100149	50	2,160	1,433	2,468	Bright	zS	1,218
104105006100149	50	2,160	1,433	2,468	Bright	zZ	1,218
104105005300149	50	2,160	1,433	2,468	Galvanized	sS	1,218
104105003300149	50	2,160	1,433	2,468	Galvanized	zS	1,218
104105006300149	50	2,160	1,433	2,468	Galvanized	zZ	1,218
104105205070149	52	1,960	1,550	2,552	Bright	sS	1,318
104105203070149	52	1,960	1,550	2,552	Bright	zS	1,318
104105206070149	52	1,960	1,550	2,552	Bright	zZ	1,318
104105205270149	52	1,960	1,550	2,552	Galvanized	sS	1,318
104105203270149	52	1,960	1,550	2,552	Galvanized	zS	1,318
104105206270149	52	1,960	1,550	2,552	Galvanized	zZ	1,318
104105205100149	52	2,160	1,550	2,669	Bright	sS	1,318
104105203100149	52	2,160	1,550	2,669	Bright	zS	1,318
104105206100149	52	2,160	1,550	2,669	Bright	zZ	1,318
104105205300149	52	2,160	1,550	2,669	Galvanized	sS	1,318
104105203300149	52	2,160	1,550	2,669	Galvanized	zS	1,318
104105206300149	52	2,160	1,550	2,669	Galvanized	zZ	1,318
104105405070149	54	1,960	1,671	2,753	Bright	sS	1,421
104105403070149	54	1,960	1,671	2,753	Bright	zS	1,421
104105406070149	54	1,960	1,671	2,753	Bright	zZ	1,421

104105405270149	54	1,960	1,671	2,753	Galvanized	sS	1,421
104105403270149	54	1,960	1,671	2,753	Galvanized	zS	1,421
104105406270149	54	1,960	1,671	2,753	Galvanized	zZ	1,421
104105405100149	54	2,160	1,671	2,878	Bright	sS	1,421
104105403100149	54	2,160	1,671	2,878	Bright	zS	1,421
104105406100149	54	2,160	1,671	2,878	Bright	zZ	1,421
104105405300149	54	2,160	1,671	2,878	Galvanized	sS	1,421
104105403300149	54	2,160	1,671	2,878	Galvanized	zS	1,421
104105406300149	54	2,160	1,671	2,878	Galvanized	zZ	1,421

## Technical data