

## Steel Wire Rope verostar 8

### Product information



**Wire rope construction:** Verostar 8 is a 8 strand non-rotation-resistant rope made out of conventional strands, plastic layer between the inner and outer strands.

**Features:**

- High breaking strength
- Very stable rope structure and achieves good bending fatigue results
- Achieves best service life in reeving systems with single layer drums

**ISO 4309**

**Rope Category No:** Up to 42mm RCN.09, 43-48mm RCN.11, > 48mm RCN.13

**Marking:** According to standard

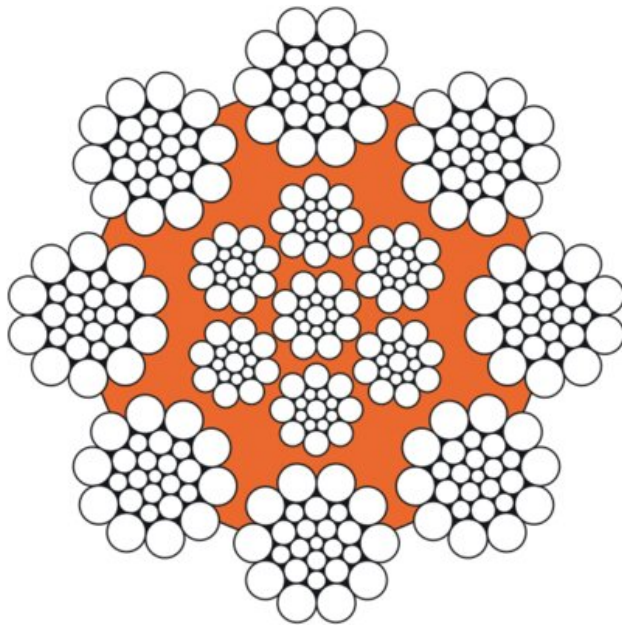
**Standard:** EN 12385-4

**Warning:** verostar 8 may not be used with a swivel.

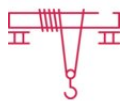
**Fill factor:** 0.61

**RCN:** 09

**Tolerance Ø:** +2% to +4%



Overhead cranes



Tower crane



Container crane



Mobile port crane



Loading crane



Piling crane



Ladle crane



STS crane



Straddle carrier



RTG



Part Code	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay.	Min. Breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Weight kg/100m
103100805050469	8	1,770	Bright	sS	47.9	31	SupplierStandard	28
103100804050469	8	1,770	Bright	sZ	47.9	31	SupplierStandard	28
103100803050469	8	1,770	Bright	zS	47.9	31	SupplierStandard	28
103100806050469	8	1,770	Bright	zZ	47.9	31	SupplierStandard	28
103100805250469	8	1,770	Galvanized	sS	47.9	31	SupplierStandard	28
103100804250469	8	1,770	Galvanized	sZ	47.9	31	SupplierStandard	28
103100803250469	8	1,770	Galvanized	zS	47.9	31	SupplierStandard	28
103100806250469	8	1,770	Galvanized	zZ	47.9	31	SupplierStandard	28
103100805070469	8	1,960	Bright	sS	53	31	SupplierStandard	28
103100804070469	8	1,960	Bright	sZ	53	31	SupplierStandard	28
103100803070469	8	1,960	Bright	zS	53	31	SupplierStandard	28
103100806070469	8	1,960	Bright	zZ	53	31	SupplierStandard	28
103100805270469	8	1,960	Galvanized	sS	53	31	SupplierStandard	28
103100804270469	8	1,960	Galvanized	sZ	53	31	SupplierStandard	28
103100803270469	8	1,960	Galvanized	zS	53	31	SupplierStandard	28
103100806270469	8	1,960	Galvanized	zZ	53	31	SupplierStandard	28
103100905050469	9	1,770	Bright	sS	60.6	39	SupplierStandard	35
103100904050469	9	1,770	Bright	sZ	60.6	39	SupplierStandard	35

103100903050469	9	1,770	Bright	zS	60.6	39	SupplierStandard	35
103100906050469	9	1,770	Bright	zZ	60.6	39	SupplierStandard	35
103100905250469	9	1,770	Galvanized	sS	60.6	39	SupplierStandard	35
103100904250469	9	1,770	Galvanized	sZ	60.6	39	SupplierStandard	35
103100903250469	9	1,770	Galvanized	zS	60.6	39	SupplierStandard	35
103100906250469	9	1,770	Galvanized	zZ	60.6	39	SupplierStandard	35
103100905070469	9	1,960	Bright	sS	67.1	39	SupplierStandard	35
103100904070469	9	1,960	Bright	sZ	67.1	39	SupplierStandard	35
103100903070469	9	1,960	Bright	zS	67.1	39	SupplierStandard	35
103100906070469	9	1,960	Bright	zZ	67.1	39	SupplierStandard	35
103100905270469	9	1,960	Galvanized	sS	67.1	39	SupplierStandard	35
103100904270469	9	1,960	Galvanized	sZ	67.1	39	SupplierStandard	35
103100903270469	9	1,960	Galvanized	zS	67.1	39	SupplierStandard	35
103100906270469	9	1,960	Galvanized	zZ	67.1	39	SupplierStandard	35
103101005050469	10	1,770	Bright	sS	74.8	48	SupplierStandard	43
103101004050469	10	1,770	Bright	sZ	74.8	48	SupplierStandard	43
103101003050469	10	1,770	Bright	zS	74.8	48	SupplierStandard	43
103101006050469	10	1,770	Bright	zZ	74.8	48	SupplierStandard	43
103101005250469	10	1,770	Galvanized	sS	74.8	48	SupplierStandard	43
103101004250469	10	1,770	Galvanized	sZ	74.8	48	SupplierStandard	43
103101003250469	10	1,770	Galvanized	zS	74.8	48	SupplierStandard	43
103101006250469	10	1,770	Galvanized	zZ	74.8	48	SupplierStandard	43
103101005070469	10	1,960	Bright	sS	82.8	48	SupplierStandard	43

103101004070469	10	1,960	Bright	sZ	82.8	48	SupplierStandard	43
103101003070469	10	1,960	Bright	zS	82.8	48	SupplierStandard	43
103101006070469	10	1,960	Bright	zZ	82.8	48	SupplierStandard	43
103101005270469	10	1,960	Galvanized	sS	82.8	48	SupplierStandard	43
103101004270469	10	1,960	Galvanized	sZ	82.8	48	SupplierStandard	43
103101003270469	10	1,960	Galvanized	zS	82.8	48	SupplierStandard	43
103101006270469	10	1,960	Galvanized	zZ	82.8	48	SupplierStandard	43
103101105050469	11	1,770	Bright	sS	90.5	58	SupplierStandard	52
103101104050469	11	1,770	Bright	sZ	90.5	58	SupplierStandard	52
103101103050469	11	1,770	Bright	zS	90.5	58	SupplierStandard	52
103101106050469	11	1,770	Bright	zZ	90.5	58	SupplierStandard	52
103101105250469	11	1,770	Galvanized	sS	90.5	58	SupplierStandard	52
103101104250469	11	1,770	Galvanized	sZ	90.5	58	SupplierStandard	52
103101103250469	11	1,770	Galvanized	zS	90.5	58	SupplierStandard	52
103101106250469	11	1,770	Galvanized	zZ	90.5	58	SupplierStandard	52
103101105070469	11	1,960	Bright	sS	100.2	58	SupplierStandard	52
103101104070469	11	1,960	Bright	sZ	100.2	58	SupplierStandard	52
103101103070469	11	1,960	Bright	zS	100.2	58	SupplierStandard	52
103101106070469	11	1,960	Bright	zZ	100.2	58	SupplierStandard	52
103101105270469	11	1,960	Galvanized	sS	100.2	58	SupplierStandard	52
103101104270469	11	1,960	Galvanized	sZ	100.2	58	SupplierStandard	52
103101103270469	11	1,960	Galvanized	zS	100.2	58	SupplierStandard	52
103101106270469	11	1,960	Galvanized	zZ	100.2	58	SupplierStandard	52

103101205050469	12	1,770	Bright	sS	107.7	69	SupplierStandard	62
103101204050469	12	1,770	Bright	sZ	107.7	69	SupplierStandard	62
103101203050469	12	1,770	Bright	zS	107.7	69	SupplierStandard	62
103101206050469	12	1,770	Bright	zZ	107.7	69	SupplierStandard	62
103101205250469	12	1,770	Galvanized	sS	107.7	69	SupplierStandard	62
103101204250469	12	1,770	Galvanized	sZ	107.7	69	SupplierStandard	62
103101203250469	12	1,770	Galvanized	zS	107.7	69	SupplierStandard	62
103101206250469	12	1,770	Galvanized	zZ	107.7	69	SupplierStandard	62
103101205070469	12	1,960	Bright	sS	119.3	69	SupplierStandard	62
103101204070469	12	1,960	Bright	sZ	119.3	69	SupplierStandard	62
103101203070469	12	1,960	Bright	zS	119.3	69	SupplierStandard	62
103101206070469	12	1,960	Bright	zZ	119.3	69	SupplierStandard	62
103101205270469	12	1,960	Galvanized	sS	119.3	69	SupplierStandard	62
103101204270469	12	1,960	Galvanized	sZ	119.3	69	SupplierStandard	62
103101203270469	12	1,960	Galvanized	zS	119.3	69	SupplierStandard	62
103101206270469	12	1,960	Galvanized	zZ	119.3	69	SupplierStandard	62
103101305050469	13	1,770	Bright	sS	126.4	81	SupplierStandard	73
103101304050469	13	1,770	Bright	sZ	126.4	81	SupplierStandard	73
103101303050469	13	1,770	Bright	zS	126.4	81	SupplierStandard	73
103101306050469	13	1,770	Bright	zZ	126.4	81	SupplierStandard	73
103101305250469	13	1,770	Galvanized	sS	126.4	81	SupplierStandard	73
103101304250469	13	1,770	Galvanized	sZ	126.4	81	SupplierStandard	73
103101303250469	13	1,770	Galvanized	zS	126.4	81	SupplierStandard	73

103101306250469	13	1,770	Galvanized	zZ	126.4	81	SupplierStandard	73
103101305070469	13	1,960	Bright	sS	140	81	SupplierStandard	73
103101304070469	13	1,960	Bright	sZ	140	81	SupplierStandard	73
103101303070469	13	1,960	Bright	zS	140	81	SupplierStandard	73
103101306070469	13	1,960	Bright	zZ	140	81	SupplierStandard	73
103101305270469	13	1,960	Galvanized	sS	140	81	SupplierStandard	73
103101304270469	13	1,960	Galvanized	sZ	140	81	SupplierStandard	73
103101303270469	13	1,960	Galvanized	zS	140	81	SupplierStandard	73
103101306270469	13	1,960	Galvanized	zZ	140	81	SupplierStandard	73
103101405050469	14	1,770	Bright	sS	146.6	94	SupplierStandard	85
103101404050469	14	1,770	Bright	sZ	146.6	94	SupplierStandard	85
103101403050469	14	1,770	Bright	zS	146.6	94	SupplierStandard	85
103101406050469	14	1,770	Bright	zZ	146.6	94	SupplierStandard	85
103101405250469	14	1,770	Galvanized	sS	146.6	94	SupplierStandard	85
103101404250469	14	1,770	Galvanized	sZ	146.6	94	SupplierStandard	85
103101403250469	14	1,770	Galvanized	zS	146.6	94	SupplierStandard	85
103101406250469	14	1,770	Galvanized	zZ	146.6	94	SupplierStandard	85
103101405070469	14	1,960	Bright	sS	162.3	94	SupplierStandard	85
103101404070469	14	1,960	Bright	sZ	162.3	94	SupplierStandard	85
103101403070469	14	1,960	Bright	zS	162.3	94	SupplierStandard	85
103101406070469	14	1,960	Bright	zZ	162.3	94	SupplierStandard	85
103101405270469	14	1,960	Galvanized	sS	162.3	94	SupplierStandard	85
103101404270469	14	1,960	Galvanized	sZ	162.3	94	SupplierStandard	85

103101403270469	14	1,960	Galvanized	zS	162.3	94	SupplierStandard	85
103101406270469	14	1,960	Galvanized	zZ	162.3	94	SupplierStandard	85
103101505050469	15	1,770	Bright	sS	168.3	108	SupplierStandard	97
103101504050469	15	1,770	Bright	sZ	168.3	108	SupplierStandard	97
103101503050469	15	1,770	Bright	zS	168.3	108	SupplierStandard	97
103101506050469	15	1,770	Bright	zZ	168.3	108	SupplierStandard	97
103101505250469	15	1,770	Galvanized	sS	168.3	108	SupplierStandard	97
103101504250469	15	1,770	Galvanized	sZ	168.3	108	SupplierStandard	97
103101503250469	15	1,770	Galvanized	zS	168.3	108	SupplierStandard	97
103101506250469	15	1,770	Galvanized	zZ	168.3	108	SupplierStandard	97
103101505070469	15	1,960	Bright	sS	186.3	108	SupplierStandard	97
103101504070469	15	1,960	Bright	sZ	186.3	108	SupplierStandard	97
103101503070469	15	1,960	Bright	zS	186.3	108	SupplierStandard	97
103101506070469	15	1,960	Bright	zZ	186.3	108	SupplierStandard	97
103101505270469	15	1,960	Galvanized	sS	186.3	108	SupplierStandard	97
103101504270469	15	1,960	Galvanized	sZ	186.3	108	SupplierStandard	97
103101503270469	15	1,960	Galvanized	zS	186.3	108	SupplierStandard	97
103101506270469	15	1,960	Galvanized	zZ	186.3	108	SupplierStandard	97
103101605050469	16	1,770	Bright	sS	191.5	123	SupplierStandard	110
103101604050469	16	1,770	Bright	sZ	191.5	123	SupplierStandard	110
103101603050469	16	1,770	Bright	zS	191.5	123	SupplierStandard	110
103101606050469	16	1,770	Bright	zZ	191.5	123	SupplierStandard	110
103101605250469	16	1,770	Galvanized	sS	191.5	123	SupplierStandard	110

103101604250469	16	1,770	Galvanized	sZ	191.5	123	SupplierStandard	110
103101603250469	16	1,770	Galvanized	zS	191.5	123	SupplierStandard	110
103101606250469	16	1,770	Galvanized	zZ	191.5	123	SupplierStandard	110
103101605070469	16	1,960	Bright	sS	212	123	SupplierStandard	110
103101604070469	16	1,960	Bright	sZ	212	123	SupplierStandard	110
103101603070469	16	1,960	Bright	zS	212	123	SupplierStandard	110
103101606070469	16	1,960	Bright	zZ	212	123	SupplierStandard	110
103101605270469	16	1,960	Galvanized	sS	212	123	SupplierStandard	110
103101604270469	16	1,960	Galvanized	sZ	212	123	SupplierStandard	110
103101603270469	16	1,960	Galvanized	zS	212	123	SupplierStandard	110
103101606270469	16	1,960	Galvanized	zZ	212	123	SupplierStandard	110
103101705050469	17	1,770	Bright	sS	216.2	138	SupplierStandard	125
103101704050469	17	1,770	Bright	sZ	216.2	138	SupplierStandard	125
103101703050469	17	1,770	Bright	zS	216.2	138	SupplierStandard	125
103101706050469	17	1,770	Bright	zZ	216.2	138	SupplierStandard	125
103101705250469	17	1,770	Galvanized	sS	216.2	138	SupplierStandard	125
103101704250469	17	1,770	Galvanized	sZ	216.2	138	SupplierStandard	125
103101703250469	17	1,770	Galvanized	zS	216.2	138	SupplierStandard	125
103101706250469	17	1,770	Galvanized	zZ	216.2	138	SupplierStandard	125
103101705070469	17	1,960	Bright	sS	239.4	138	SupplierStandard	125
103101704070469	17	1,960	Bright	sZ	239.4	138	SupplierStandard	125
103101703070469	17	1,960	Bright	zS	239.4	138	SupplierStandard	125
103101706070469	17	1,960	Bright	zZ	239.4	138	SupplierStandard	125



103101705270469	17	1,960	Galvanized	sS	239.4	138	SupplierStandard	125
103101704270469	17	1,960	Galvanized	sZ	239.4	138	SupplierStandard	125
103101703270469	17	1,960	Galvanized	zS	239.4	138	SupplierStandard	125
103101706270469	17	1,960	Galvanized	zZ	239.4	138	SupplierStandard	125
103101805050469	18	1,770	Bright	sS	242.3	155	SupplierStandard	140
103101804050469	18	1,770	Bright	sZ	242.3	155	SupplierStandard	140
103101803050469	18	1,770	Bright	zS	242.3	155	SupplierStandard	140
103101806050469	18	1,770	Bright	zZ	242.3	155	SupplierStandard	140
103101805250469	18	1,770	Galvanized	sS	242.3	155	SupplierStandard	140
103101804250469	18	1,770	Galvanized	sZ	242.3	155	SupplierStandard	140
103101803250469	18	1,770	Galvanized	zS	242.3	155	SupplierStandard	140
103101806250469	18	1,770	Galvanized	zZ	242.3	155	SupplierStandard	140
103101805070469	18	1,960	Bright	sS	268.3	155	SupplierStandard	140
103101804070469	18	1,960	Bright	sZ	268.3	155	SupplierStandard	140
103101803070469	18	1,960	Bright	zS	268.3	155	SupplierStandard	140
103101806070469	18	1,960	Bright	zZ	268.3	155	SupplierStandard	140
103101805270469	18	1,960	Galvanized	sS	268.3	155	SupplierStandard	140
103101804270469	18	1,960	Galvanized	sZ	268.3	155	SupplierStandard	140
103101803270469	18	1,960	Galvanized	zS	268.3	155	SupplierStandard	140
103101806270469	18	1,960	Galvanized	zZ	268.3	155	SupplierStandard	140
103101905050469	19	1,770	Bright	sS	270	173	SupplierStandard	156
103101904050469	19	1,770	Bright	sZ	270	173	SupplierStandard	156
103101903050469	19	1,770	Bright	zS	270	173	SupplierStandard	156

103101906050469	19	1,770	Bright	zZ	270	173	SupplierStandard	156
103101905250469	19	1,770	Galvanized	sS	270	173	SupplierStandard	156
103101904250469	19	1,770	Galvanized	sZ	270	173	SupplierStandard	156
103101903250469	19	1,770	Galvanized	zS	270	173	SupplierStandard	156
103101906250469	19	1,770	Galvanized	zZ	270	173	SupplierStandard	156
103101905070469	19	1,960	Bright	sS	299	173	SupplierStandard	156
103101904070469	19	1,960	Bright	sZ	299	173	SupplierStandard	156
103101903070469	19	1,960	Bright	zS	299	173	SupplierStandard	156
103101906070469	19	1,960	Bright	zZ	299	173	SupplierStandard	156
103101905270469	19	1,960	Galvanized	sS	299	173	SupplierStandard	156
103101904270469	19	1,960	Galvanized	sZ	299	173	SupplierStandard	156
103101903270469	19	1,960	Galvanized	zS	299	173	SupplierStandard	156
103101906270469	19	1,960	Galvanized	zZ	299	173	SupplierStandard	156
103102005050469	20	1,770	Bright	sS	299.2	192	SupplierStandard	173
103102004050469	20	1,770	Bright	sZ	299.2	192	SupplierStandard	173
103102003050469	20	1,770	Bright	zS	299.2	192	SupplierStandard	173
103102006050469	20	1,770	Bright	zZ	299.2	192	SupplierStandard	173
103102005250469	20	1,770	Galvanized	sS	299.2	192	SupplierStandard	173
103102004250469	20	1,770	Galvanized	sZ	299.2	192	SupplierStandard	173
103102003250469	20	1,770	Galvanized	zS	299.2	192	SupplierStandard	173
103102006250469	20	1,770	Galvanized	zZ	299.2	192	SupplierStandard	173
103102005070469	20	1,960	Bright	sS	331.3	192	SupplierStandard	173
103102004070469	20	1,960	Bright	sZ	331.3	192	SupplierStandard	173

103102003070469	20	1,960	Bright	zS	331.3	192	SupplierStandard	173
103102006070469	20	1,960	Bright	zZ	331.3	192	SupplierStandard	173
103102005270469	20	1,960	Galvanized	sS	331.3	192	SupplierStandard	173
103102004270469	20	1,960	Galvanized	sZ	331.3	192	SupplierStandard	173
103102003270469	20	1,960	Galvanized	zS	331.3	192	SupplierStandard	173
103102006270469	20	1,960	Galvanized	zZ	331.3	192	SupplierStandard	173
103102105050469	21	1,770	Bright	sS	329.8	211	SupplierStandard	190
103102104050469	21	1,770	Bright	sZ	329.8	211	SupplierStandard	190
103102103050469	21	1,770	Bright	zS	329.8	211	SupplierStandard	190
103102106050469	21	1,770	Bright	zZ	329.8	211	SupplierStandard	190
103102105250469	21	1,770	Galvanized	sS	329.8	211	SupplierStandard	190
103102104250469	21	1,770	Galvanized	sZ	329.8	211	SupplierStandard	190
103102103250469	21	1,770	Galvanized	zS	329.8	211	SupplierStandard	190
103102106250469	21	1,770	Galvanized	zZ	329.8	211	SupplierStandard	190
103102105070469	21	1,960	Bright	sS	365.2	211	SupplierStandard	190
103102104070469	21	1,960	Bright	sZ	365.2	211	SupplierStandard	190
103102103070469	21	1,960	Bright	zS	365.2	211	SupplierStandard	190
103102106070469	21	1,960	Bright	zZ	365.2	211	SupplierStandard	190
103102105270469	21	1,960	Galvanized	sS	365.2	211	SupplierStandard	190
103102104270469	21	1,960	Galvanized	sZ	365.2	211	SupplierStandard	190
103102103270469	21	1,960	Galvanized	zS	365.2	211	SupplierStandard	190
103102106270469	21	1,960	Galvanized	zZ	365.2	211	SupplierStandard	190
103102205050469	22	1,770	Bright	sS	362	232	SupplierStandard	209

103102204050469	22	1,770	Bright	sZ	362	232	SupplierStandard	209
103102203050469	22	1,770	Bright	zS	362	232	SupplierStandard	209
103102206050469	22	1,770	Bright	zZ	362	232	SupplierStandard	209
103102205250469	22	1,770	Galvanized	sS	362	232	SupplierStandard	209
103102204250469	22	1,770	Galvanized	sZ	362	232	SupplierStandard	209
103102203250469	22	1,770	Galvanized	zS	362	232	SupplierStandard	209
103102206250469	22	1,770	Galvanized	zZ	362	232	SupplierStandard	209
103102205070469	22	1,960	Bright	sS	400.9	232	SupplierStandard	209
103102204070469	22	1,960	Bright	sZ	400.9	232	SupplierStandard	209
103102203070469	22	1,960	Bright	zS	400.9	232	SupplierStandard	209
103102206070469	22	1,960	Bright	zZ	400.9	232	SupplierStandard	209
103102205270469	22	1,960	Galvanized	sS	400.9	232	SupplierStandard	209
103102204270469	22	1,960	Galvanized	sZ	400.9	232	SupplierStandard	209
103102203270469	22	1,960	Galvanized	zS	400.9	232	SupplierStandard	209
103102206270469	22	1,960	Galvanized	zZ	400.9	232	SupplierStandard	209
103102305050469	23	1,770	Bright	sS	395.7	253	SupplierStandard	228
103102304050469	23	1,770	Bright	sZ	395.7	253	SupplierStandard	228
103102303050469	23	1,770	Bright	zS	395.7	253	SupplierStandard	228
103102306050469	23	1,770	Bright	zZ	395.7	253	SupplierStandard	228
103102305250469	23	1,770	Galvanized	sS	395.7	253	SupplierStandard	228
103102304250469	23	1,770	Galvanized	sZ	395.7	253	SupplierStandard	228
103102303250469	23	1,770	Galvanized	zS	395.7	253	SupplierStandard	228
103102306250469	23	1,770	Galvanized	zZ	395.7	253	SupplierStandard	228

103102305070469	23	1,960	Bright	sS	438.1	253	SupplierStandard	228
103102304070469	23	1,960	Bright	sZ	438.1	253	SupplierStandard	228
103102303070469	23	1,960	Bright	zS	438.1	253	SupplierStandard	228
103102306070469	23	1,960	Bright	zZ	438.1	253	SupplierStandard	228
103102305270469	23	1,960	Galvanized	sS	438.1	253	SupplierStandard	228
103102304270469	23	1,960	Galvanized	sZ	438.1	253	SupplierStandard	228
103102303270469	23	1,960	Galvanized	zS	438.1	253	SupplierStandard	228
103102306270469	23	1,960	Galvanized	zZ	438.1	253	SupplierStandard	228
103102405050469	24	1,770	Bright	sS	430.8	276	SupplierStandard	248
103102404050469	24	1,770	Bright	sZ	430.8	276	SupplierStandard	248
103102403050469	24	1,770	Bright	zS	430.8	276	SupplierStandard	248
103102406050469	24	1,770	Bright	zZ	430.8	276	SupplierStandard	248
103102405250469	24	1,770	Galvanized	sS	430.8	276	SupplierStandard	248
103102404250469	24	1,770	Galvanized	sZ	430.8	276	SupplierStandard	248
103102403250469	24	1,770	Galvanized	zS	430.8	276	SupplierStandard	248
103102406250469	24	1,770	Galvanized	zZ	430.8	276	SupplierStandard	248
103102405070469	24	1,960	Bright	sS	477.1	276	SupplierStandard	248
103102404070469	24	1,960	Bright	sZ	477.1	276	SupplierStandard	248
103102403070469	24	1,960	Bright	zS	477.1	276	SupplierStandard	248
103102406070469	24	1,960	Bright	zZ	477.1	276	SupplierStandard	248
103102405270469	24	1,960	Galvanized	sS	477.1	276	SupplierStandard	248
103102404270469	24	1,960	Galvanized	sZ	477.1	276	SupplierStandard	248
103102403270469	24	1,960	Galvanized	zS	477.1	276	SupplierStandard	248

103102406270469	24	1,960	Galvanized	zZ	477.1	276	SupplierStandard	248
103102505050469	25	1,770	Bright	sS	467.5	299	SupplierStandard	270
103102504050469	25	1,770	Bright	sZ	467.5	299	SupplierStandard	270
103102503050469	25	1,770	Bright	zS	467.5	299	SupplierStandard	270
103102506050469	25	1,770	Bright	zZ	467.5	299	SupplierStandard	270
103102505250469	25	1,770	Galvanized	sS	467.5	299	SupplierStandard	270
103102504250469	25	1,770	Galvanized	sZ	467.5	299	SupplierStandard	270
103102503250469	25	1,770	Galvanized	zS	467.5	299	SupplierStandard	270
103102506250469	25	1,770	Galvanized	zZ	467.5	299	SupplierStandard	270
103102505070469	25	1,960	Bright	sS	517.6	299	SupplierStandard	270
103102504070469	25	1,960	Bright	sZ	517.6	299	SupplierStandard	270
103102503070469	25	1,960	Bright	zS	517.6	299	SupplierStandard	270
103102506070469	25	1,960	Bright	zZ	517.6	299	SupplierStandard	270
103102505270469	25	1,960	Galvanized	sS	517.6	299	SupplierStandard	270
103102504270469	25	1,960	Galvanized	sZ	517.6	299	SupplierStandard	270
103102503270469	25	1,960	Galvanized	zS	517.6	299	SupplierStandard	270
103102506270469	25	1,960	Galvanized	zZ	517.6	299	SupplierStandard	270
103102605050469	26	1,770	Bright	sS	505.6	324	SupplierStandard	292
103102604050469	26	1,770	Bright	sZ	505.6	324	SupplierStandard	292
103102603050469	26	1,770	Bright	zS	505.6	324	SupplierStandard	292
103102606050469	26	1,770	Bright	zZ	505.6	324	SupplierStandard	292
103102605250469	26	1,770	Galvanized	sS	505.6	324	SupplierStandard	292
103102604250469	26	1,770	Galvanized	sZ	505.6	324	SupplierStandard	292

103102603250469	26	1,770	Galvanized	zS	505.6	324	SupplierStandard	292
103102606250469	26	1,770	Galvanized	zZ	505.6	324	SupplierStandard	292
103102605070469	26	1,960	Bright	sS	559.9	324	SupplierStandard	292
103102604070469	26	1,960	Bright	sZ	559.9	324	SupplierStandard	292
103102603070469	26	1,960	Bright	zS	559.9	324	SupplierStandard	292
103102606070469	26	1,960	Bright	zZ	559.9	324	SupplierStandard	292
103102605270469	26	1,960	Galvanized	sS	559.9	324	SupplierStandard	292
103102604270469	26	1,960	Galvanized	sZ	559.9	324	SupplierStandard	292
103102603270469	26	1,960	Galvanized	zS	559.9	324	SupplierStandard	292
103102606270469	26	1,960	Galvanized	zZ	559.9	324	SupplierStandard	292
103102705050469	27	1,770	Bright	sS	545.2	349	SupplierStandard	314
103102704050469	27	1,770	Bright	sZ	545.2	349	SupplierStandard	314
103102703050469	27	1,770	Bright	zS	545.2	349	SupplierStandard	314
103102706050469	27	1,770	Bright	zZ	545.2	349	SupplierStandard	314
103102705250469	27	1,770	Galvanized	sS	545.2	349	SupplierStandard	314
103102704250469	27	1,770	Galvanized	sZ	545.2	349	SupplierStandard	314
103102703250469	27	1,770	Galvanized	zS	545.2	349	SupplierStandard	314
103102706250469	27	1,770	Galvanized	zZ	545.2	349	SupplierStandard	314
103102705070469	27	1,960	Bright	sS	603.8	349	SupplierStandard	314
103102704070469	27	1,960	Bright	sZ	603.8	349	SupplierStandard	314
103102703070469	27	1,960	Bright	zS	603.8	349	SupplierStandard	314
103102706070469	27	1,960	Bright	zZ	603.8	349	SupplierStandard	314
103102705270469	27	1,960	Galvanized	sS	603.8	349	SupplierStandard	314

103102704270469	27	1,960	Galvanized	sZ	603.8	349	SupplierStandard	314
103102703270469	27	1,960	Galvanized	zS	603.8	349	SupplierStandard	314
103102706270469	27	1,960	Galvanized	zZ	603.8	349	SupplierStandard	314
103102805050469	28	1,770	Bright	sS	586.4	376	SupplierStandard	338
103102804050469	28	1,770	Bright	sZ	586.4	376	SupplierStandard	338
103102803050469	28	1,770	Bright	zS	586.4	376	SupplierStandard	338
103102806050469	28	1,770	Bright	zZ	586.4	376	SupplierStandard	338
103102805250469	28	1,770	Galvanized	sS	586.4	376	SupplierStandard	338
103102804250469	28	1,770	Galvanized	sZ	586.4	376	SupplierStandard	338
103102803250469	28	1,770	Galvanized	zS	586.4	376	SupplierStandard	338
103102806250469	28	1,770	Galvanized	zZ	586.4	376	SupplierStandard	338
103102805070469	28	1,960	Bright	sS	649.3	376	SupplierStandard	338
103102804070469	28	1,960	Bright	sZ	649.3	376	SupplierStandard	338
103102803070469	28	1,960	Bright	zS	649.3	376	SupplierStandard	338
103102806070469	28	1,960	Bright	zZ	649.3	376	SupplierStandard	338
103102805270469	28	1,960	Galvanized	sS	649.3	376	SupplierStandard	338
103102804270469	28	1,960	Galvanized	sZ	649.3	376	SupplierStandard	338
103102803270469	28	1,960	Galvanized	zS	649.3	376	SupplierStandard	338
103102806270469	28	1,960	Galvanized	zZ	649.3	376	SupplierStandard	338
103102905050469	29	1,770	Bright	sS	629	403	SupplierStandard	363
103102904050469	29	1,770	Bright	sZ	629	403	SupplierStandard	363
103102903050469	29	1,770	Bright	zS	629	403	SupplierStandard	363
103102906050469	29	1,770	Bright	zZ	629	403	SupplierStandard	363



103102905250469	29	1,770	Galvanized	sS	629	403	SupplierStandard	363
103102904250469	29	1,770	Galvanized	sZ	629	403	SupplierStandard	363
103102903250469	29	1,770	Galvanized	zS	629	403	SupplierStandard	363
103102906250469	29	1,770	Galvanized	zZ	629	403	SupplierStandard	363
103102905070469	29	1,960	Bright	sS	696.5	403	SupplierStandard	363
103102904070469	29	1,960	Bright	sZ	696.5	403	SupplierStandard	363
103102903070469	29	1,960	Bright	zS	696.5	403	SupplierStandard	363
103102906070469	29	1,960	Bright	zZ	696.5	403	SupplierStandard	363
103102905270469	29	1,960	Galvanized	sS	696.5	403	SupplierStandard	363
103102904270469	29	1,960	Galvanized	sZ	696.5	403	SupplierStandard	363
103102903270469	29	1,960	Galvanized	zS	696.5	403	SupplierStandard	363
103102906270469	29	1,960	Galvanized	zZ	696.5	403	SupplierStandard	363
103103005050469	30	1,770	Bright	sS	673.1	431	SupplierStandard	388
103103004050469	30	1,770	Bright	sZ	673.1	431	SupplierStandard	388
103103003050469	30	1,770	Bright	zS	673.1	431	SupplierStandard	388
103103006050469	30	1,770	Bright	zZ	673.1	431	SupplierStandard	388
103103005250469	30	1,770	Galvanized	sS	673.1	431	SupplierStandard	388
103103004250469	30	1,770	Galvanized	sZ	673.1	431	SupplierStandard	388
103103003250469	30	1,770	Galvanized	zS	673.1	431	SupplierStandard	388
103103006250469	30	1,770	Galvanized	zZ	673.1	431	SupplierStandard	388
103103005070469	30	1,960	Bright	sS	745.4	431	SupplierStandard	388
103103004070469	30	1,960	Bright	sZ	745.4	431	SupplierStandard	388
103103003070469	30	1,960	Bright	zS	745.4	431	SupplierStandard	388

103103006070469	30	1,960	Bright	zZ	745.4	431	SupplierStandard	388
103103005270469	30	1,960	Galvanized	sS	745.4	431	SupplierStandard	388
103103004270469	30	1,960	Galvanized	sZ	745.4	431	SupplierStandard	388
103103003270469	30	1,960	Galvanized	zS	745.4	431	SupplierStandard	388
103103006270469	30	1,960	Galvanized	zZ	745.4	431	SupplierStandard	388
103103105050469	31	1,770	Bright	sS	718.8	460	SupplierStandard	414
103103104050469	31	1,770	Bright	sZ	718.8	460	SupplierStandard	414
103103103050469	31	1,770	Bright	zS	718.8	460	SupplierStandard	414
103103106050469	31	1,770	Bright	zZ	718.8	460	SupplierStandard	414
103103105250469	31	1,770	Galvanized	sS	718.8	460	SupplierStandard	414
103103104250469	31	1,770	Galvanized	sZ	718.8	460	SupplierStandard	414
103103103250469	31	1,770	Galvanized	zS	718.8	460	SupplierStandard	414
103103106250469	31	1,770	Galvanized	zZ	718.8	460	SupplierStandard	414
103103105070469	31	1,960	Bright	sS	795.9	460	SupplierStandard	414
103103104070469	31	1,960	Bright	sZ	795.9	460	SupplierStandard	414
103103103070469	31	1,960	Bright	zS	795.9	460	SupplierStandard	414
103103106070469	31	1,960	Bright	zZ	795.9	460	SupplierStandard	414
103103105270469	31	1,960	Galvanized	sS	795.9	460	SupplierStandard	414
103103104270469	31	1,960	Galvanized	sZ	795.9	460	SupplierStandard	414
103103103270469	31	1,960	Galvanized	zS	795.9	460	SupplierStandard	414
103103106270469	31	1,960	Galvanized	zZ	795.9	460	SupplierStandard	414
103103205050469	32	1,770	Bright	sS	765.9	491	SupplierStandard	442
103103204050469	32	1,770	Bright	sZ	765.9	491	SupplierStandard	442

103103203050469	32	1,770	Bright	zS	765.9	491	SupplierStandard	442
103103206050469	32	1,770	Bright	zZ	765.9	491	SupplierStandard	442
103103205250469	32	1,770	Galvanized	sS	765.9	491	SupplierStandard	442
103103204250469	32	1,770	Galvanized	sZ	765.9	491	SupplierStandard	442
103103203250469	32	1,770	Galvanized	zS	765.9	491	SupplierStandard	442
103103206250469	32	1,770	Galvanized	zZ	765.9	491	SupplierStandard	442
103103205070469	32	1,960	Bright	sS	848.1	491	SupplierStandard	442
103103204070469	32	1,960	Bright	sZ	848.1	491	SupplierStandard	442
103103203070469	32	1,960	Bright	zS	848.1	491	SupplierStandard	442
103103206070469	32	1,960	Bright	zZ	848.1	491	SupplierStandard	442
103103205270469	32	1,960	Galvanized	sS	848.1	491	SupplierStandard	442
103103204270469	32	1,960	Galvanized	sZ	848.1	491	SupplierStandard	442
103103203270469	32	1,960	Galvanized	zS	848.1	491	SupplierStandard	442
103103206270469	32	1,960	Galvanized	zZ	848.1	491	SupplierStandard	442
103103305050469	33	1,770	Bright	sS	814.5	522	SupplierStandard	470
103103304050469	33	1,770	Bright	sZ	814.5	522	SupplierStandard	470
103103303050469	33	1,770	Bright	zS	814.5	522	SupplierStandard	470
103103306050469	33	1,770	Bright	zZ	814.5	522	SupplierStandard	470
103103305250469	33	1,770	Galvanized	sS	814.5	522	SupplierStandard	470
103103304250469	33	1,770	Galvanized	sZ	814.5	522	SupplierStandard	470
103103303250469	33	1,770	Galvanized	zS	814.5	522	SupplierStandard	470
103103306250469	33	1,770	Galvanized	zZ	814.5	522	SupplierStandard	470
103103305070469	33	1,960	Bright	sS	901.9	522	SupplierStandard	470

103103304070469	33	1,960	Bright	sZ	901.9	522	SupplierStandard	470
103103303070469	33	1,960	Bright	zS	901.9	522	SupplierStandard	470
103103306070469	33	1,960	Bright	zZ	901.9	522	SupplierStandard	470
103103305270469	33	1,960	Galvanized	sS	901.9	522	SupplierStandard	470
103103304270469	33	1,960	Galvanized	sZ	901.9	522	SupplierStandard	470
103103303270469	33	1,960	Galvanized	zS	901.9	522	SupplierStandard	470
103103306270469	33	1,960	Galvanized	zZ	901.9	522	SupplierStandard	470
103103405050469	34	1,770	Bright	sS	864.6	554	SupplierStandard	498
103103404050469	34	1,770	Bright	sZ	864.6	554	SupplierStandard	498
103103403050469	34	1,770	Bright	zS	864.6	554	SupplierStandard	498
103103406050469	34	1,770	Bright	zZ	864.6	554	SupplierStandard	498
103103405250469	34	1,770	Galvanized	sS	864.6	554	SupplierStandard	498
103103404250469	34	1,770	Galvanized	sZ	864.6	554	SupplierStandard	498
103103403250469	34	1,770	Galvanized	zS	864.6	554	SupplierStandard	498
103103406250469	34	1,770	Galvanized	zZ	864.6	554	SupplierStandard	498
103103405070469	34	1,960	Bright	sS	957.4	554	SupplierStandard	498
103103404070469	34	1,960	Bright	sZ	957.4	554	SupplierStandard	498
103103403070469	34	1,960	Bright	zS	957.4	554	SupplierStandard	498
103103406070469	34	1,960	Bright	zZ	957.4	554	SupplierStandard	498
103103405270469	34	1,960	Galvanized	sS	957.4	554	SupplierStandard	498
103103404270469	34	1,960	Galvanized	sZ	957.4	554	SupplierStandard	498
103103403270469	34	1,960	Galvanized	zS	957.4	554	SupplierStandard	498
103103406270469	34	1,960	Galvanized	zZ	957.4	554	SupplierStandard	498

103103505050469	35	1,770	Bright	sS	916.2	587	SupplierStandard	528
103103504050469	35	1,770	Bright	sZ	916.2	587	SupplierStandard	528
103103503050469	35	1,770	Bright	zS	916.2	587	SupplierStandard	528
103103506050469	35	1,770	Bright	zZ	916.2	587	SupplierStandard	528
103103505250469	35	1,770	Galvanized	sS	916.2	587	SupplierStandard	528
103103504250469	35	1,770	Galvanized	sZ	916.2	587	SupplierStandard	528
103103503250469	35	1,770	Galvanized	zS	916.2	587	SupplierStandard	528
103103506250469	35	1,770	Galvanized	zZ	916.2	587	SupplierStandard	528
103103505070469	35	1,960	Bright	sS	1,015	587	SupplierStandard	528
103103504070469	35	1,960	Bright	sZ	1,015	587	SupplierStandard	528
103103503070469	35	1,960	Bright	zS	1,015	587	SupplierStandard	528
103103506070469	35	1,960	Bright	zZ	1,015	587	SupplierStandard	528
103103505270469	35	1,960	Galvanized	sS	1,015	587	SupplierStandard	528
103103504270469	35	1,960	Galvanized	sZ	1,015	587	SupplierStandard	528
103103503270469	35	1,960	Galvanized	zS	1,015	587	SupplierStandard	528
103103506270469	35	1,960	Galvanized	zZ	1,015	587	SupplierStandard	528
103103605050469	36	1,770	Bright	sS	969.3	621	SupplierStandard	559
103103604050469	36	1,770	Bright	sZ	969.3	621	SupplierStandard	559
103103603050469	36	1,770	Bright	zS	969.3	621	SupplierStandard	559
103103606050469	36	1,770	Bright	zZ	969.3	621	SupplierStandard	559
103103605250469	36	1,770	Galvanized	sS	969.3	621	SupplierStandard	559
103103604250469	36	1,770	Galvanized	sZ	969.3	621	SupplierStandard	559
103103603250469	36	1,770	Galvanized	zS	969.3	621	SupplierStandard	559

103103606250469	36	1,770	Galvanized	zZ	969.3	621	SupplierStandard	559
103103605070469	36	1,960	Bright	sS	1,073	621	SupplierStandard	559
103103604070469	36	1,960	Bright	sZ	1,073	621	SupplierStandard	559
103103603070469	36	1,960	Bright	zS	1,073	621	SupplierStandard	559
103103606070469	36	1,960	Bright	zZ	1,073	621	SupplierStandard	559
103103605270469	36	1,960	Galvanized	sS	1,073	621	SupplierStandard	559
103103604270469	36	1,960	Galvanized	sZ	1,073	621	SupplierStandard	559
103103603270469	36	1,960	Galvanized	zS	1,073	621	SupplierStandard	559
103103606270469	36	1,960	Galvanized	zZ	1,073	621	SupplierStandard	559
103103804250469	38	1,770	Galvanized	sZ	1.08	692	SupplierStandard	623
103103805050469	38	1,770	Bright	sS	1,080	692	SupplierStandard	623
103103804050469	38	1,770	Bright	sZ	1,080	692	SupplierStandard	623
103103803050469	38	1,770	Bright	zS	1,080	692	SupplierStandard	623
103103806050469	38	1,770	Bright	zZ	1,080	692	SupplierStandard	623
103103805250469	38	1,770	Galvanized	sS	1,080	692	SupplierStandard	623
103103803250469	38	1,770	Galvanized	zS	1,080	692	SupplierStandard	623
103103806250469	38	1,770	Galvanized	zZ	1,080	692	SupplierStandard	623
103103805070469	38	1,960	Bright	sS	1,196	692	SupplierStandard	623
103103804070469	38	1,960	Bright	sZ	1,196	692	SupplierStandard	623
103103803070469	38	1,960	Bright	zS	1,196	692	SupplierStandard	623
103103806070469	38	1,960	Bright	zZ	1,196	692	SupplierStandard	623
103103805270469	38	1,960	Galvanized	sS	1,196	692	SupplierStandard	623
103103804270469	38	1,960	Galvanized	sZ	1,196	692	SupplierStandard	623

103103803270469	38	1,960	Galvanized	zS	1,196	692	SupplierStandard	623
103103806270469	38	1,960	Galvanized	zZ	1,196	692	SupplierStandard	623
103104005050469	40	1,770	Bright	sS	1,197	767	SupplierStandard	690
103104004050469	40	1,770	Bright	sZ	1,197	767	SupplierStandard	690
103104003050469	40	1,770	Bright	zS	1,197	767	SupplierStandard	690
103104006050469	40	1,770	Bright	zZ	1,197	767	SupplierStandard	690
103104005250469	40	1,770	Galvanized	sS	1,197	767	SupplierStandard	690
103104004250469	40	1,770	Galvanized	sZ	1,197	767	SupplierStandard	690
103104003250469	40	1,770	Galvanized	zS	1,197	767	SupplierStandard	690
103104006250469	40	1,770	Galvanized	zZ	1,197	767	SupplierStandard	690
103104005070469	40	1,960	Bright	sS	1,325	767	SupplierStandard	690
103104004070469	40	1,960	Bright	sZ	1,325	767	SupplierStandard	690
103104003070469	40	1,960	Bright	zS	1,325	767	SupplierStandard	690
103104006070469	40	1,960	Bright	zZ	1,325	767	SupplierStandard	690
103104005270469	40	1,960	Galvanized	sS	1,325	767	SupplierStandard	690
103104004270469	40	1,960	Galvanized	sZ	1,325	767	SupplierStandard	690
103104003270469	40	1,960	Galvanized	zS	1,325	767	SupplierStandard	690
103104006270469	40	1,960	Galvanized	zZ	1,325	767	SupplierStandard	690
103104205050469	42	1,770	Bright	sS	1,319	845	SupplierStandard	761
103104204050469	42	1,770	Bright	sZ	1,319	845	SupplierStandard	761
103104203050469	42	1,770	Bright	zS	1,319	845	SupplierStandard	761
103104206050469	42	1,770	Bright	zZ	1,319	845	SupplierStandard	761
103104205250469	42	1,770	Galvanized	sS	1,319	845	SupplierStandard	761

103104204250469	42	1,770	Galvanized	sZ	1,319	845	SupplierStandard	761
103104203250469	42	1,770	Galvanized	zS	1,319	845	SupplierStandard	761
103104206250469	42	1,770	Galvanized	zZ	1,319	845	SupplierStandard	761
103104205070469	42	1,960	Bright	sS	1,461	845	SupplierStandard	761
103104204070469	42	1,960	Bright	sZ	1,461	845	SupplierStandard	761
103104203070469	42	1,960	Bright	zS	1,461	845	SupplierStandard	761
103104206070469	42	1,960	Bright	zZ	1,461	845	SupplierStandard	761
103104205270469	42	1,960	Galvanized	sS	1,461	845	SupplierStandard	761
103104204270469	42	1,960	Galvanized	sZ	1,461	845	SupplierStandard	761
103104203270469	42	1,960	Galvanized	zS	1,461	845	SupplierStandard	761
103104206270469	42	1,960	Galvanized	zZ	1,461	845	SupplierStandard	761
103104405050469	44	1,770	Bright	sS	1,448	928	SupplierStandard	835
103104404050469	44	1,770	Bright	sZ	1,448	928	SupplierStandard	835
103104403050469	44	1,770	Bright	zS	1,448	928	SupplierStandard	835
103104406050469	44	1,770	Bright	zZ	1,448	928	SupplierStandard	835
103104405250469	44	1,770	Galvanized	sS	1,448	928	SupplierStandard	835
103104404250469	44	1,770	Galvanized	sZ	1,448	928	SupplierStandard	835
103104403250469	44	1,770	Galvanized	zS	1,448	928	SupplierStandard	835
103104406250469	44	1,770	Galvanized	zZ	1,448	928	SupplierStandard	835
103104405070469	44	1,960	Bright	sS	1,603	928	SupplierStandard	835
103104404070469	44	1,960	Bright	sZ	1,603	928	SupplierStandard	835
103104403070469	44	1,960	Bright	zS	1,603	928	SupplierStandard	835
103104406070469	44	1,960	Bright	zZ	1,603	928	SupplierStandard	835



103104405270469	44	1,960	Galvanized	sS	1,603	928	SupplierStandard	835
103104404270469	44	1,960	Galvanized	sZ	1,603	928	SupplierStandard	835
103104403270469	44	1,960	Galvanized	zS	1,603	928	SupplierStandard	835
103104406270469	44	1,960	Galvanized	zZ	1,603	928	SupplierStandard	835
103104505050469	45	1,770	Bright	sS	1,515	970	SupplierStandard	873
103104504050469	45	1,770	Bright	sZ	1,515	970	SupplierStandard	873
103104503050469	45	1,770	Bright	zS	1,515	970	SupplierStandard	873
103104506050469	45	1,770	Bright	zZ	1,515	970	SupplierStandard	873
103104505250469	45	1,770	Galvanized	sS	1,515	970	SupplierStandard	873
103104504250469	45	1,770	Galvanized	sZ	1,515	970	SupplierStandard	873
103104503250469	45	1,770	Galvanized	zS	1,515	970	SupplierStandard	873
103104506250469	45	1,770	Galvanized	zZ	1,515	970	SupplierStandard	873
103104505070469	45	1,960	Bright	sS	1,677	970	SupplierStandard	873
103104504070469	45	1,960	Bright	sZ	1,677	970	SupplierStandard	873
103104503070469	45	1,960	Bright	zS	1,677	970	SupplierStandard	873
103104506070469	45	1,960	Bright	zZ	1,677	970	SupplierStandard	873
103104505270469	45	1,960	Galvanized	sS	1,677	970	SupplierStandard	873
103104504270469	45	1,960	Galvanized	sZ	1,677	970	SupplierStandard	873
103104503270469	45	1,960	Galvanized	zS	1,677	970	SupplierStandard	873
103104506270469	45	1,960	Galvanized	zZ	1,677	970	SupplierStandard	873
103104605050469	46	1,770	Bright	sS	1,583	1,014	SupplierStandard	912
103104604050469	46	1,770	Bright	sZ	1,583	1,014	SupplierStandard	912
103104603050469	46	1,770	Bright	zS	1,583	1,014	SupplierStandard	912

103104606050469	46	1,770	Bright	zZ	1,583	1,014	SupplierStandard	912
103104605250469	46	1,770	Galvanized	sS	1,583	1,014	SupplierStandard	912
103104604250469	46	1,770	Galvanized	sZ	1,583	1,014	SupplierStandard	912
103104603250469	46	1,770	Galvanized	zS	1,583	1,014	SupplierStandard	912
103104606250469	46	1,770	Galvanized	zZ	1,583	1,014	SupplierStandard	912
103104605070469	46	1,960	Bright	sS	1,753	1,014	SupplierStandard	912
103104604070469	46	1,960	Bright	sZ	1,753	1,014	SupplierStandard	912
103104603070469	46	1,960	Bright	zS	1,753	1,014	SupplierStandard	912
103104606070469	46	1,960	Bright	zZ	1,753	1,014	SupplierStandard	912
103104605270469	46	1,960	Galvanized	sS	1,753	1,014	SupplierStandard	912
103104604270469	46	1,960	Galvanized	sZ	1,753	1,014	SupplierStandard	912
103104603270469	46	1,960	Galvanized	zS	1,753	1,014	SupplierStandard	912
103104606270469	46	1,960	Galvanized	zZ	1,753	1,014	SupplierStandard	912
103104805050469	48	1,770	Bright	sS	1,723	1,104	SupplierStandard	993
103104804050469	48	1,770	Bright	sZ	1,723	1,104	SupplierStandard	993
103104803050469	48	1,770	Bright	zS	1,723	1,104	SupplierStandard	993
103104806050469	48	1,770	Bright	zZ	1,723	1,104	SupplierStandard	993
103104805250469	48	1,770	Galvanized	sS	1,723	1,104	SupplierStandard	993
103104804250469	48	1,770	Galvanized	sZ	1,723	1,104	SupplierStandard	993
103104803250469	48	1,770	Galvanized	zS	1,723	1,104	SupplierStandard	993
103104806250469	48	1,770	Galvanized	zZ	1,723	1,104	SupplierStandard	993
103104805070469	48	1,960	Bright	sS	1,908	1,104	SupplierStandard	993
103104804070469	48	1,960	Bright	sZ	1,908	1,104	SupplierStandard	993

103104803070469	48	1,960	Bright	zS	1,908	1,104	SupplierStandard	993
103104806070469	48	1,960	Bright	zZ	1,908	1,104	SupplierStandard	993
103104805270469	48	1,960	Galvanized	sS	1,908	1,104	SupplierStandard	993
103104804270469	48	1,960	Galvanized	sZ	1,908	1,104	SupplierStandard	993
103104803270469	48	1,960	Galvanized	zS	1,908	1,104	SupplierStandard	993
103104806270469	48	1,960	Galvanized	zZ	1,908	1,104	SupplierStandard	993
103105005050469	50	1,770	Bright	sS	1,870	1,198	SupplierStandard	1,078
103105004050469	50	1,770	Bright	sZ	1,870	1,198	SupplierStandard	1,078
103105003050469	50	1,770	Bright	zS	1,870	1,198	SupplierStandard	1,078
103105006050469	50	1,770	Bright	zZ	1,870	1,198	SupplierStandard	1,078
103105005250469	50	1,770	Galvanized	sS	1,870	1,198	SupplierStandard	1,078
103105004250469	50	1,770	Galvanized	sZ	1,870	1,198	SupplierStandard	1,078
103105003250469	50	1,770	Galvanized	zS	1,870	1,198	SupplierStandard	1,078
103105006250469	50	1,770	Galvanized	zZ	1,870	1,198	SupplierStandard	1,078
103105005070469	50	1,960	Bright	sS	2,071	1,198	SupplierStandard	1,078
103105004070469	50	1,960	Bright	sZ	2,071	1,198	SupplierStandard	1,078
103105003070469	50	1,960	Bright	zS	2,071	1,198	SupplierStandard	1,078
103105006070469	50	1,960	Bright	zZ	2,071	1,198	SupplierStandard	1,078
103105005270469	50	1,960	Galvanized	sS	2,071	1,198	SupplierStandard	1,078
103105004270469	50	1,960	Galvanized	sZ	2,071	1,198	SupplierStandard	1,078
103105003270469	50	1,960	Galvanized	zS	2,071	1,198	SupplierStandard	1,078
103105006270469	50	1,960	Galvanized	zZ	2,071	1,198	SupplierStandard	1,078
103105205050469	52	1,770	Bright	sS	2,022	1,295	SupplierStandard	1,166

103105204050469	52	1,770	Bright	sZ	2,022	1,295	SupplierStandard	1,166
103105203050469	52	1,770	Bright	zS	2,022	1,295	SupplierStandard	1,166
103105206050469	52	1,770	Bright	zZ	2,022	1,295	SupplierStandard	1,166
103105205250469	52	1,770	Galvanized	sS	2,022	1,295	SupplierStandard	1,166
103105204250469	52	1,770	Galvanized	sZ	2,022	1,295	SupplierStandard	1,166
103105203250469	52	1,770	Galvanized	zS	2,022	1,295	SupplierStandard	1,166
103105206250469	52	1,770	Galvanized	zZ	2,022	1,295	SupplierStandard	1,166
103105205070469	52	1,960	Bright	sS	2,239	1,295	SupplierStandard	1,166
103105204070469	52	1,960	Bright	sZ	2,239	1,295	SupplierStandard	1,166
103105203070469	52	1,960	Bright	zS	2,239	1,295	SupplierStandard	1,166
103105206070469	52	1,960	Bright	zZ	2,239	1,295	SupplierStandard	1,166
103105205270469	52	1,960	Galvanized	sS	2,239	1,295	SupplierStandard	1,166
103105204270469	52	1,960	Galvanized	sZ	2,239	1,295	SupplierStandard	1,166
103105203270469	52	1,960	Galvanized	zS	2,239	1,295	SupplierStandard	1,166
103105206270469	52	1,960	Galvanized	zZ	2,239	1,295	SupplierStandard	1,166
103105405050469	54	1,770	Bright	sS	2,181	1,397	SupplierStandard	1,257
103105404050469	54	1,770	Bright	sZ	2,181	1,397	SupplierStandard	1,257
103105403050469	54	1,770	Bright	zS	2,181	1,397	SupplierStandard	1,257
103105406050469	54	1,770	Bright	zZ	2,181	1,397	SupplierStandard	1,257
103105405250469	54	1,770	Galvanized	sS	2,181	1,397	SupplierStandard	1,257
103105404250469	54	1,770	Galvanized	sZ	2,181	1,397	SupplierStandard	1,257
103105403250469	54	1,770	Galvanized	zS	2,181	1,397	SupplierStandard	1,257
103105406250469	54	1,770	Galvanized	zZ	2,181	1,397	SupplierStandard	1,257

103105405070469	54	1,960	Bright	sS	2,415	1,397	SupplierStandard	1,257
103105404070469	54	1,960	Bright	sZ	2,415	1,397	SupplierStandard	1,257
103105403070469	54	1,960	Bright	zS	2,415	1,397	SupplierStandard	1,257
103105406070469	54	1,960	Bright	zZ	2,415	1,397	SupplierStandard	1,257
103105405270469	54	1,960	Galvanized	sS	2,415	1,397	SupplierStandard	1,257
103105404270469	54	1,960	Galvanized	sZ	2,415	1,397	SupplierStandard	1,257
103105403270469	54	1,960	Galvanized	zS	2,415	1,397	SupplierStandard	1,257
103105406270469	54	1,960	Galvanized	zZ	2,415	1,397	SupplierStandard	1,257
103105605050469	56	1,770	Bright	sS	2,346	1,502	SupplierStandard	1,352
103105604050469	56	1,770	Bright	sZ	2,346	1,502	SupplierStandard	1,352
103105603050469	56	1,770	Bright	zS	2,346	1,502	SupplierStandard	1,352
103105606050469	56	1,770	Bright	zZ	2,346	1,502	SupplierStandard	1,352
103105605250469	56	1,770	Galvanized	sS	2,346	1,502	SupplierStandard	1,352
103105604250469	56	1,770	Galvanized	sZ	2,346	1,502	SupplierStandard	1,352
103105603250469	56	1,770	Galvanized	zS	2,346	1,502	SupplierStandard	1,352
103105606250469	56	1,770	Galvanized	zZ	2,346	1,502	SupplierStandard	1,352
103105605070469	56	1,960	Bright	sS	2,597	1,502	SupplierStandard	1,352
103105604070469	56	1,960	Bright	sZ	2,597	1,502	SupplierStandard	1,352
103105603070469	56	1,960	Bright	zS	2,597	1,502	SupplierStandard	1,352
103105606070469	56	1,960	Bright	zZ	2,597	1,502	SupplierStandard	1,352
103105605270469	56	1,960	Galvanized	sS	2,597	1,502	SupplierStandard	1,352
103105604270469	56	1,960	Galvanized	sZ	2,597	1,502	SupplierStandard	1,352
103105603270469	56	1,960	Galvanized	zS	2,597	1,502	SupplierStandard	1,352

103105606270469	56	1,960	Galvanized	zZ	2,597	1,502	SupplierStandard	1,352
103105805050469	58	1,770	Bright	sS	2,516	1,612	SupplierStandard	1,451
103105804050469	58	1,770	Bright	sZ	2,516	1,612	SupplierStandard	1,451
103105806050469	58	1,770	Bright	zZ	2,516	1,612	SupplierStandard	1,451
103105805250469	58	1,770	Galvanized	sS	2,516	1,612	SupplierStandard	1,451
103105804250469	58	1,770	Galvanized	sZ	2,516	1,612	SupplierStandard	1,451
103105803250469	58	1,770	Galvanized	zS	2,516	1,612	SupplierStandard	1,451
103105806250469	58	1,770	Galvanized	zZ	2,516	1,612	SupplierStandard	1,451
103105803050469	58	1,770	Bright	zS	2,786	1,612	SupplierStandard	1,451
103105805070469	58	1,960	Bright	sS	2,786	1,612	SupplierStandard	1,451
103105804070469	58	1,960	Bright	sZ	2,786	1,612	SupplierStandard	1,451
103105803070469	58	1,960	Bright	zS	2,786	1,612	SupplierStandard	1,451
103105806070469	58	1,960	Bright	zZ	2,786	1,612	SupplierStandard	1,451
103105805270469	58	1,960	Galvanized	sS	2,786	1,612	SupplierStandard	1,451
103105804270469	58	1,960	Galvanized	sZ	2,786	1,612	SupplierStandard	1,451
103105803270469	58	1,960	Galvanized	zS	2,786	1,612	SupplierStandard	1,451
103105806270469	58	1,960	Galvanized	zZ	2,786	1,612	SupplierStandard	1,451

## Technical data