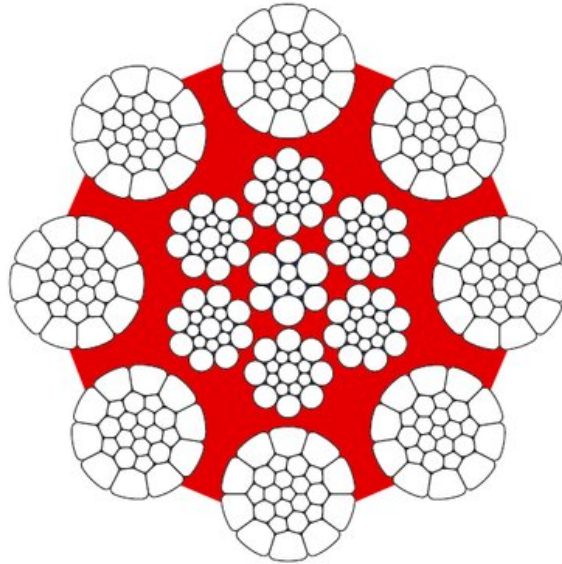


Turboplast

Product information



Applications: High breaking load and good resistance against crushing. Hoisting rope in multiple part reeving for smaller lifting heights as well as for twin hoist systems with left and right hand lay ropes for greater lifting heights.

Features:

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

Standard: EN 12385-4

ISO 4309 Rope Category No: 8-48mm **RCN.09**, 50-72mm **RCN.11**

Rope construction: 8 strand rope made out of compacted outer strands. Has a plastic layer between the steel core and the outer strands.

Marking: According to standard

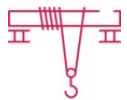
Standard: EN 12385-4

AS 3569

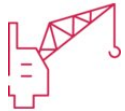
Fill factor: 0.66

RCN: 09

Overhead cranes



Mobile port crane



Offshore crane



Loading crane



Container crane



Crawler crane



Piling crane



Part Code	Rope diameter mm	Tensile strength N/mm ²	Steel area mm ²	Min. breaking force kN	Finish	Rope lay	Weight kg/100m
103100804070169	8	1,960	33.4	58	Bright	sZ	0.29
103100803070169	8	1,960	33.4	58	Bright	zS	0.29
103100804270169	8	1,960	33.4	58	Galvanized	sZ	0.29
103100803270169	8	1,960	33.4	58	Galvanized	zS	0.29
103100806070169	8	1,960	33.4	58	Bright	zZ	0.29
103100806270169	8	1,960	33.4	58	Galvanized	zZ	0.29
103100805070169	8	1,960	33.4	58	Bright	sS	0.29
103100805270169	8	1,960	33.4	58	Galvanized	sS	0.29
103100904070169	9	1,960	42.8	74	Bright	sZ	0.37
103100903070169	9	1,960	42.8	74	Bright	zS	0.37
103100904270169	9	1,960	42.8	74	Galvanized	sZ	0.37
103100903270169	9	1,960	42.8	74	Galvanized	zS	0.37
103100906070169	9	1,960	42.8	74	Bright	zZ	0.37
103100906270169	9	1,960	42.8	74	Galvanized	zZ	0.37
103100905070169	9	1,960	42.8	74	Bright	sS	0.37
103100905270169	9	1,960	42.8	74	Galvanized	sS	0.37
103101004070169	10	1,960	53	90	Bright	sZ	0.46
103101003070169	10	1,960	53	90	Bright	zS	0.46
103101004270169	10	1,960	53	90	Galvanized	sZ	0.46
103101003270169	10	1,960	53	90	Galvanized	zS	0.46
103101006070169	10	1,960	53	90	Bright	zZ	0.46

103101006270169	10	1,960	53	90	Galvanized	zZ	0.46
103101005070169	10	1,960	53	90	Bright	sS	0.46
103101005270169	10	1,960	53	90	Galvanized	sS	0.46
103101104070169	11	1,960	63.8	109.7	Bright	sZ	0.56
103101103070169	11	1,960	63.8	109.7	Bright	zS	0.56
103101104270169	11	1,960	63.8	109.7	Galvanized	sZ	0.56
103101103270169	11	1,960	63.8	109.7	Galvanized	zS	0.56
103101106070169	11	1,960	63.8	109.7	Bright	zZ	0.56
103101106270169	11	1,960	63.8	109.7	Galvanized	zZ	0.56
103101105070169	11	1,960	63.8	109.7	Bright	sS	0.56
103101105270169	11	1,960	63.8	109.7	Galvanized	sS	0.56
103101204070169	12	1,960	75.7	130	Bright	sZ	0.66
103101203070169	12	1,960	75.7	130	Bright	zS	0.66
103101204270169	12	1,960	75.7	130	Galvanized	sZ	0.66
103101203270169	12	1,960	75.7	130	Galvanized	zS	0.66
103101206070169	12	1,960	75.7	130	Bright	zZ	0.66
103101206270169	12	1,960	75.7	130	Galvanized	zZ	0.66
103101205070169	12	1,960	75.7	130	Bright	sS	0.66
103101205270169	12	1,960	75.7	130	Galvanized	sS	0.66
103101274070169	12.7	1,960	84.9	146	Bright	sZ	0.74
103101273070169	12.7	1,960	84.9	146	Bright	zS	0.74
103101274270169	12.7	1,960	84.9	146	Galvanized	sZ	0.74
103101273270169	12.7	1,960	84.9	146	Galvanized	zS	0.74

103101276070169	12.7	1,960	84.9	146	Bright	zZ	0.74
103101276270169	12.7	1,960	84.9	146	Galvanized	zZ	0.74
103101275070169	12.7	1,960	84.9	146	Bright	sS	0.74
103101275270169	12.7	1,960	84.9	146	Galvanized	sS	0.74
103101304070169	13	1,960	89.5	147	Bright	sZ	0.78
103101303070169	13	1,960	89.5	147	Bright	zS	0.78
103101304270169	13	1,960	89.5	147	Galvanized	sZ	0.78
103101303270169	13	1,960	89.5	147	Galvanized	zS	0.78
103101306070169	13	1,960	89.5	147	Bright	zZ	0.78
103101306270169	13	1,960	89.5	147	Galvanized	zZ	0.78
103101305070169	13	1,960	89.5	147	Bright	sS	0.78
103101305270169	13	1,960	89.5	147	Galvanized	sS	0.78
103101404070169	14	1,960	103.1	177	Bright	sZ	0.9
103101403070169	14	1,960	103.1	177	Bright	zS	0.9
103101404270169	14	1,960	103.1	177	Galvanized	sZ	0.9
103101403270169	14	1,960	103.1	177	Galvanized	zS	0.9
103101406070169	14	1,960	103.1	177	Bright	zZ	0.9
103101406270169	14	1,960	103.1	177	Galvanized	zZ	0.9
103101405070169	14	1,960	103.1	177	Bright	sS	0.9
103101405270169	14	1,960	103.1	177	Galvanized	sS	0.9
103101504070169	15	1,960	119	205	Bright	sZ	1.04
103101503070169	15	1,960	119	205	Bright	zS	1.04
103101504270169	15	1,960	119	205	Galvanized	sZ	1.04

103101503270169	15	1,960	119	205	Galvanized	zS	1.04
103101506070169	15	1,960	119	205	Bright	zZ	1.04
103101506270169	15	1,960	119	205	Galvanized	zZ	1.04
103101505070169	15	1,960	119	205	Bright	sS	1.04
103101505270169	15	1,960	119	205	Galvanized	sS	1.04
103101604070169	16	1,960	135.5	232	Bright	sZ	1.18
103101603070169	16	1,960	135.5	232	Bright	zS	1.18
103101604270169	16	1,960	135.5	232	Galvanized	sZ	1.18
103101603270169	16	1,960	135.5	232	Galvanized	zS	1.18
103101606070169	16	1,960	135.5	232	Bright	zZ	1.18
103101606270169	16	1,960	135.5	232	Galvanized	zZ	1.18
103101605070169	16	1,960	135.5	232	Bright	sS	1.18
103101605270169	16	1,960	135.5	232	Galvanized	sS	1.18
103101704070169	17	1,960	152.4	259	Bright	sZ	1.33
103101703070169	17	1,960	152.4	259	Bright	zS	1.33
103101704270169	17	1,960	152.4	259	Galvanized	sZ	1.33
103101703270169	17	1,960	152.4	259	Galvanized	zS	1.33
103101706070169	17	1,960	152.4	259	Bright	zZ	1.33
103101706270169	17	1,960	152.4	259	Galvanized	zZ	1.33
103101705070169	17	1,960	152.4	259	Bright	sS	1.33
103101705270169	17	1,960	152.4	259	Galvanized	sS	1.33
103101804070169	18	1,960	168.9	292	Bright	sZ	1.47
103101803070169	18	1,960	168.9	292	Bright	zS	1.47

103101804270169	18	1,960	168.9	292	Galvanized	sZ	1.47
103101803270169	18	1,960	168.9	292	Galvanized	zS	1.47
103101806070169	18	1,960	168.9	292	Bright	zZ	1.47
103101806270169	18	1,960	168.9	292	Galvanized	zZ	1.47
103101805070169	18	1,960	168.9	292	Bright	sS	1.47
103101805270169	18	1,960	168.9	292	Galvanized	sS	1.47
103101904070169	19	1,960	189	327	Bright	sZ	1.64
103101903070169	19	1,960	189	327	Bright	zS	1.64
103101904270169	19	1,960	189	327	Galvanized	sZ	1.64
103101903270169	19	1,960	189	327	Galvanized	zS	1.64
103101906070169	19	1,960	189	327	Bright	zZ	1.64
103101906270169	19	1,960	189	327	Galvanized	zZ	1.64
103101905070169	19	1,960	189	327	Bright	sS	1.64
103101905270169	19	1,960	189	327	Galvanized	sS	1.64
103102004070169	20	1,960	210.7	361	Bright	sZ	1.83
103102003070169	20	1,960	210.7	361	Bright	zS	1.83
103102004270169	20	1,960	210.7	361	Galvanized	sZ	1.83
103102003270169	20	1,960	210.7	361	Galvanized	zS	1.83
103102006070169	20	1,960	210.7	361	Bright	zZ	1.83
103102006270169	20	1,960	210.7	361	Galvanized	zZ	1.83
103102005070169	20	1,960	210.7	361	Bright	sS	1.83
103102005270169	20	1,960	210.7	361	Galvanized	sS	1.83
103102104070169	21	1,960	226.9	394	Bright	sZ	1.97

103102103070169	21	1,960	226.9	394	Bright	zS	1.97
103102104270169	21	1,960	226.9	394	Galvanized	sZ	1.97
103102103270169	21	1,960	226.9	394	Galvanized	zS	1.97
103102106070169	21	1,960	226.9	394	Bright	zZ	1.97
103102106270169	21	1,960	226.9	394	Galvanized	zZ	1.97
103102105070169	21	1,960	226.9	394	Bright	sS	1.97
103102105270169	21	1,960	226.9	394	Galvanized	sS	1.97
103102204070169	22	1,960	251.9	439	Bright	sZ	2.19
103102203070169	22	1,960	251.9	439	Bright	zS	2.19
103102204270169	22	1,960	251.9	439	Galvanized	sZ	2.19
103102203270169	22	1,960	251.9	439	Galvanized	zS	2.19
103102206070169	22	1,960	251.9	439	Bright	zZ	2.19
103102206270169	22	1,960	251.9	439	Galvanized	zZ	2.19
103102205070169	22	1,960	251.9	439	Bright	sS	2.19
103102205270169	22	1,960	251.9	439	Galvanized	sS	2.19
103102304070169	23	1,960	275.1	478	Bright	sZ	2.39
103102303070169	23	1,960	275.1	478	Bright	zS	2.39
103102304270169	23	1,960	275.1	478	Galvanized	sZ	2.39
103102303270169	23	1,960	275.1	478	Galvanized	zS	2.39
103102306070169	23	1,960	275.1	478	Bright	zZ	2.39
103102306270169	23	1,960	275.1	478	Galvanized	zZ	2.39
103102305070169	23	1,960	275.1	478	Bright	sS	2.39
103102305270169	23	1,960	275.1	478	Galvanized	sS	2.39

103102404070169	24	1,960	299.5	514.3	Bright	sZ	2.61
103102403070169	24	1,960	299.5	514.3	Bright	zS	2.61
103102404270169	24	1,960	299.5	514.3	Galvanized	sZ	2.61
103102403270169	24	1,960	299.5	514.3	Galvanized	zS	2.61
103102406070169	24	1,960	299.5	514.3	Bright	zZ	2.61
103102406270169	24	1,960	299.5	514.3	Galvanized	zZ	2.61
103102405070169	24	1,960	299.5	514.3	Bright	sS	2.61
103102405270169	24	1,960	299.5	514.3	Galvanized	sS	2.61
103102504070169	25	1,960	324.2	566	Bright	sZ	2.82
103102503070169	25	1,960	324.2	566	Bright	zS	2.82
103102504270169	25	1,960	324.2	566	Galvanized	sZ	2.82
103102503270169	25	1,960	324.2	566	Galvanized	zS	2.82
103102506070169	25	1,960	324.2	566	Bright	zZ	2.82
103102506270169	25	1,960	324.2	566	Galvanized	zZ	2.82
103102505070169	25	1,960	324.2	566	Bright	sS	2.82
103102505270169	25	1,960	324.2	566	Galvanized	sS	2.82
103102604070169	26	1,960	352.4	616	Bright	sZ	3.07
103102603070169	26	1,960	352.4	616	Bright	zS	3.07
103102604270169	26	1,960	352.4	616	Galvanized	sZ	3.07
103102603270169	26	1,960	352.4	616	Galvanized	zS	3.07
103102606070169	26	1,960	352.4	616	Bright	zZ	3.07
103102606270169	26	1,960	352.4	616	Galvanized	zZ	3.07
103102605070169	26	1,960	352.4	616	Bright	sS	3.07

103102605270169	26	1,960	352.4	616	Galvanized	sS	3.07
103102606250169	26	1,770	-	562	Galvanized	zZ	3.13
103102704070169	27	1,960	380.3	657	Bright	sZ	3.31
103102703070169	27	1,960	380.3	657	Bright	zS	3.31
103102704270169	27	1,960	380.3	657	Galvanized	sZ	3.31
103102703270169	27	1,960	380.3	657	Galvanized	zS	3.31
103102706070169	27	1,960	380.3	657	Bright	zZ	3.31
103102706270169	27	1,960	380.3	657	Galvanized	zZ	3.31
103102705070169	27	1,960	380.3	657	Bright	sS	3.31
103102705270169	27	1,960	380.3	657	Galvanized	sS	3.31
103102804070169	28	1,960	405.2	707	Bright	sZ	3.53
103102803070169	28	1,960	405.2	707	Bright	zS	3.53
103102804270169	28	1,960	405.2	707	Galvanized	sZ	3.53
103102803270169	28	1,960	405.2	707	Galvanized	zS	3.53
103102806070169	28	1,960	405.2	707	Bright	zZ	3.53
103102806270169	28	1,960	405.2	707	Galvanized	zZ	3.53
103102805070169	28	1,960	405.2	707	Bright	sS	3.53
103102805270169	28	1,960	405.2	707	Galvanized	sS	3.53
103102904070169	29	1,960	436	760	Bright	sZ	3.79
103102903070169	29	1,960	436	760	Bright	zS	3.79
103102904270169	29	1,960	436	760	Galvanized	sZ	3.79
103102903270169	29	1,960	436	760	Galvanized	zS	3.79
103102906070169	29	1,960	436	760	Bright	zZ	3.79

103102906270169	29	1,960	436	760	Galvanized	zZ	3.79
103102905070169	29	1,960	436	760	Bright	sS	3.79
103102905270169	29	1,960	436	760	Galvanized	sS	3.79
103103004070169	30	1,960	470.8	813	Bright	sZ	4.1
103103003070169	30	1,960	470.8	813	Bright	zS	4.1
103103004270169	30	1,960	470.8	813	Galvanized	sZ	4.1
103103003270169	30	1,960	470.8	813	Galvanized	zS	4.1
103103006070169	30	1,960	470.8	813	Bright	zZ	4.1
103103006270169	30	1,960	470.8	813	Galvanized	zZ	4.1
103103005070169	30	1,960	470.8	813	Bright	sS	4.1
103103005270169	30	1,960	470.8	813	Galvanized	sS	4.1
103103104070169	31	1,960	502.3	869	Bright	sZ	4.37
103103103070169	31	1,960	502.3	869	Bright	zS	4.37
103103104270169	31	1,960	502.3	869	Galvanized	sZ	4.37
103103103270169	31	1,960	502.3	869	Galvanized	zS	4.37
103103106070169	31	1,960	502.3	869	Bright	zZ	4.37
103103106270169	31	1,960	502.3	869	Galvanized	zZ	4.37
103103105070169	31	1,960	502.3	869	Bright	sS	4.37
103103105270169	31	1,960	502.3	869	Galvanized	sS	4.37
103103204070169	32	1,960	533.7	938	Bright	sZ	4.64
103103203070169	32	1,960	533.7	938	Bright	zS	4.64
103103204270169	32	1,960	533.7	938	Galvanized	sZ	4.64
103103203270169	32	1,960	533.7	938	Galvanized	zS	4.64

103103206070169	32	1,960	533.7	938	Bright	zZ	4.64
103103206270169	32	1,960	533.7	938	Galvanized	zZ	4.64
103103205070169	32	1,960	533.7	938	Bright	sS	4.64
103103205270169	32	1,960	533.7	938	Galvanized	sS	4.64
103103304070169	33	1,960	571.8	979	Bright	sZ	4.98
103103303070169	33	1,960	571.8	979	Bright	zS	4.98
103103304270169	33	1,960	571.8	979	Galvanized	sZ	4.98
103103303270169	33	1,960	571.8	979	Galvanized	zS	4.98
103103306070169	33	1,960	571.8	979	Bright	zZ	4.98
103103306270169	33	1,960	571.8	979	Galvanized	zZ	4.98
103103305070169	33	1,960	571.8	979	Bright	sS	4.98
103103305270169	33	1,960	571.8	979	Galvanized	sS	4.98
103103404070169	34	1,960	601.4	1,055	Bright	sZ	5.23
103103403070169	34	1,960	601.4	1,055	Bright	zS	5.23
103103404270169	34	1,960	601.4	1,055	Galvanized	sZ	5.23
103103403270169	34	1,960	601.4	1,055	Galvanized	zS	5.23
103103406070169	34	1,960	601.4	1,055	Bright	zZ	5.23
103103406270169	34	1,960	601.4	1,055	Galvanized	zZ	5.23
103103405070169	34	1,960	601.4	1,055	Bright	sS	5.23
103103405270169	34	1,960	601.4	1,055	Galvanized	sS	5.23
103103604070169	36	1,960	670.5	1,164	Bright	sZ	5.83
103103603070169	36	1,960	670.5	1,164	Bright	zS	5.83
103103604270169	36	1,960	670.5	1,164	Galvanized	sZ	5.83

103103603270169	36	1,960	670.5	1,164	Galvanized	zS	5.83
103103606070169	36	1,960	670.5	1,164	Bright	zZ	5.83
103103606270169	36	1,960	670.5	1,164	Galvanized	zZ	5.83
103103605070169	36	1,960	670.5	1,164	Bright	sS	5.83
103103605270169	36	1,960	670.5	1,164	Galvanized	sS	5.83
103103804070169	38	1,960	753.1	1,301	Bright	sZ	6.55
103103803070169	38	1,960	753.1	1,301	Bright	zS	6.55
103103804270169	38	1,960	753.1	1,301	Galvanized	sZ	6.55
103103803270169	38	1,960	753.1	1,301	Galvanized	zS	6.55
103103806070169	38	1,960	753.1	1,301	Bright	zZ	6.55
103103806270169	38	1,960	753.1	1,301	Galvanized	zZ	6.55
103103805070169	38	1,960	753.1	1,301	Bright	sS	6.55
103103805270169	38	1,960	753.1	1,301	Galvanized	sS	6.55
103104004070169	40	1,960	837.9	1,438	Bright	sZ	7.29
103104003070169	40	1,960	837.9	1,438	Bright	zS	7.29
103104004270169	40	1,960	837.9	1,438	Galvanized	sZ	7.29
103104003270169	40	1,960	837.9	1,438	Galvanized	zS	7.29
103104006070169	40	1,960	837.9	1,438	Bright	zZ	7.29
103104006270169	40	1,960	837.9	1,438	Galvanized	zZ	7.29
103104005070169	40	1,960	837.9	1,438	Bright	sS	7.29
103104005270169	40	1,960	837.9	1,438	Galvanized	sS	7.29
103104204070169	42	1,960	914.7	1,591	Bright	sZ	7.96
103104203070169	42	1,960	914.7	1,591	Bright	zS	7.96

103104204270169	42	1,960	914.7	1,591	Galvanized	sZ	7.96
103104203270169	42	1,960	914.7	1,591	Galvanized	zS	7.96
103104206070169	42	1,960	914.7	1,591	Bright	zZ	7.96
103104206270169	42	1,960	914.7	1,591	Galvanized	zZ	7.96
103104205070169	42	1,960	914.7	1,591	Bright	sS	7.96
103104205270169	42	1,960	914.7	1,591	Galvanized	sS	7.96
103104404070169	44	1,960	1,010.7	1,739	Bright	sZ	8.79
103104403070169	44	1,960	1,010.7	1,739	Bright	zS	8.79
103104404270169	44	1,960	1,010.7	1,739	Galvanized	sZ	8.79
103104403270169	44	1,960	1,010.7	1,739	Galvanized	zS	8.79
103104406070169	44	1,960	1,010.7	1,739	Bright	zZ	8.79
103104406270169	44	1,960	1,010.7	1,739	Galvanized	zZ	8.79
103104405070169	44	1,960	1,010.7	1,739	Bright	sS	8.79
103104405270169	44	1,960	1,010.7	1,739	Galvanized	sS	8.79
103104604070169	46	1,960	1,102.4	1,916	Bright	sZ	9.59
103104603070169	46	1,960	1,102.4	1,916	Bright	zS	9.59
103104604270169	46	1,960	1,102.4	1,916	Galvanized	sZ	9.59
103104603270169	46	1,960	1,102.4	1,916	Galvanized	zS	9.59
103104606070169	46	1,960	1,102.4	1,916	Bright	zZ	9.59
103104606270169	46	1,960	1,102.4	1,916	Galvanized	zZ	9.59
103104605070169	46	1,960	1,102.4	1,916	Bright	sS	9.59
103104605270169	46	1,960	1,102.4	1,916	Galvanized	sS	9.59
103104804070169	48	1,960	1,201.1	2,079	Bright	sZ	10.45

103104803070169	48	1,960	1,201.1	2,079	Bright	zS	10.45
103104804270169	48	1,960	1,201.1	2,079	Galvanized	sZ	10.45
103104803270169	48	1,960	1,201.1	2,079	Galvanized	zS	10.45
103104806070169	48	1,960	1,201.1	2,079	Bright	zZ	10.45
103104806270169	48	1,960	1,201.1	2,079	Galvanized	zZ	10.45
103104805070169	48	1,960	1,201.1	2,079	Bright	sS	10.45
103104805270169	48	1,960	1,201.1	2,079	Galvanized	sS	10.45
103105004070169	50	1,960	1,303.7	2,265	Bright	sZ	10.95
103105003070169	50	1,960	1,303.7	2,265	Bright	zS	10.95
103105004270169	50	1,960	1,303.7	2,265	Galvanized	sZ	10.95
103105003270169	50	1,960	1,303.7	2,265	Galvanized	zS	10.95
103105006070169	50	1,960	1,303.7	2,265	Bright	zZ	10.95
103105006270169	50	1,960	1,303.7	2,265	Galvanized	zZ	10.95
103105005070169	50	1,960	1,303.7	2,265	Bright	sS	10.95
103105005270169	50	1,960	1,303.7	2,265	Galvanized	sS	10.95
103105204070169	52	1,960	1,409.4	2,448	Bright	sZ	11.84
103105203070169	52	1,960	1,409.4	2,448	Bright	zS	11.84
103105204270169	52	1,960	1,409.4	2,448	Galvanized	sZ	11.84
103105203270169	52	1,960	1,409.4	2,448	Galvanized	zS	11.84
103105206070169	52	1,960	1,409.4	2,448	Bright	zZ	11.84
103105206270169	52	1,960	1,409.4	2,448	Galvanized	zZ	11.84
103105205070169	52	1,960	1,409.4	2,448	Bright	sS	11.84
103105205270169	52	1,960	1,409.4	2,448	Galvanized	sS	11.84

103105404070169	54	1,960	1,520	2,641	Bright	sZ	12.77
103105403070169	54	1,960	1,520	2,641	Bright	zS	12.77
103105404270169	54	1,960	1,520	2,641	Galvanized	sZ	12.77
103105403270169	54	1,960	1,520	2,641	Galvanized	zS	12.77
103105406070169	54	1,960	1,520	2,641	Bright	zZ	12.77
103105406270169	54	1,960	1,520	2,641	Galvanized	zZ	12.77
103105405070169	54	1,960	1,520	2,641	Bright	sS	12.77
103105405270169	54	1,960	1,520	2,641	Galvanized	sS	12.77
103105604070169	56	1,960	1,628.1	2,828	Bright	sZ	13.68
103105603070169	56	1,960	1,628.1	2,828	Bright	zS	13.68
103105604270169	56	1,960	1,628.1	2,828	Galvanized	sZ	13.68
103105603270169	56	1,960	1,628.1	2,828	Galvanized	zS	13.68
103105606070169	56	1,960	1,628.1	2,828	Bright	zZ	13.68
103105606270169	56	1,960	1,628.1	2,828	Galvanized	zZ	13.68
103105605070169	56	1,960	1,628.1	2,828	Bright	sS	13.68
103105605270169	56	1,960	1,628.1	2,828	Galvanized	sS	13.68
103105804070169	58	1,960	1,739.3	3,022	Bright	sZ	14.61
103105803070169	58	1,960	1,739.3	3,022	Bright	zS	14.61
103105804270169	58	1,960	1,739.3	3,022	Galvanized	sZ	14.61
103105803270169	58	1,960	1,739.3	3,022	Galvanized	zS	14.61
103105806070169	58	1,960	1,739.3	3,022	Bright	zZ	14.61
103105806270169	58	1,960	1,739.3	3,022	Galvanized	zZ	14.61
103105805070169	58	1,960	1,739.3	3,022	Bright	sS	14.61

103105805270169	58	1,960	1,739.3	3,022	Galvanized	sS	14.61
103106004070169	60	1,960	1,865.9	3,242	Bright	sZ	15.67
103106003070169	60	1,960	1,865.9	3,242	Bright	zS	15.67
103106004270169	60	1,960	1,865.9	3,242	Galvanized	sZ	15.67
103106003270169	60	1,960	1,865.9	3,242	Galvanized	zS	15.67
103106006070169	60	1,960	1,865.9	3,242	Bright	zZ	15.67
103106006270169	60	1,960	1,865.9	3,242	Galvanized	zZ	15.67
103106005070169	60	1,960	1,865.9	3,242	Bright	sS	15.67
103106005270169	60	1,960	1,865.9	3,242	Galvanized	sS	15.67
103106204070169	62	1,960	1,994.2	3,364	Bright	sZ	16.75
103106203070169	62	1,960	1,994.2	3,364	Bright	zS	16.75
103106204270169	62	1,960	1,994.2	3,364	Galvanized	sZ	16.75
103106203270169	62	1,960	1,994.2	3,364	Galvanized	zS	16.75
103106206070169	62	1,960	1,994.2	3,364	Bright	zZ	16.75
103106206270169	62	1,960	1,994.2	3,364	Galvanized	zZ	16.75
103106205070169	62	1,960	1,994.2	3,364	Bright	sS	16.75
103106205270169	62	1,960	1,994.2	3,364	Galvanized	sS	16.75
103106404070169	64	1,960	2,132.4	3,597	Bright	sZ	17.91
103106403070169	64	1,960	2,132.4	3,597	Bright	zS	17.91
103106404270169	64	1,960	2,132.4	3,597	Galvanized	sZ	17.91
103106403270169	64	1,960	2,132.4	3,597	Galvanized	zS	17.91
103106406070169	64	1,960	2,132.4	3,597	Bright	zZ	17.91
103106406270169	64	1,960	2,132.4	3,597	Galvanized	zZ	17.91

103106405070169	64	1,960	2,132.4	3,597	Bright	sS	17.91
103106405270169	64	1,960	2,132.4	3,597	Galvanized	sS	17.91
103106604070169	66	1,960	2,272.3	3,833	Bright	sZ	19.09
103106603070169	66	1,960	2,272.3	3,833	Bright	zS	19.09
103106604270169	66	1,960	2,272.3	3,833	Galvanized	sZ	19.09
103106603270169	66	1,960	2,272.3	3,833	Galvanized	zS	19.09
103106606070169	66	1,960	2,272.3	3,833	Bright	zZ	19.09
103106606270169	66	1,960	2,272.3	3,833	Galvanized	zZ	19.09
103106605070169	66	1,960	2,272.3	3,833	Bright	sS	19.09
103106605270169	66	1,960	2,272.3	3,833	Galvanized	sS	19.09
103106804070169	68	1,960	2,403.4	4,055	Bright	sZ	20.19
103106803070169	68	1,960	2,403.4	4,055	Bright	zS	20.19
103106804270169	68	1,960	2,403.4	4,055	Galvanized	sZ	20.19
103106803270169	68	1,960	2,403.4	4,055	Galvanized	zS	20.19
103106806070169	68	1,960	2,403.4	4,055	Bright	zZ	20.19
103106806270169	68	1,960	2,403.4	4,055	Galvanized	zZ	20.19
103106805070169	68	1,960	2,403.4	4,055	Bright	sS	20.19
103106805270169	68	1,960	2,403.4	4,055	Galvanized	sS	20.19
103107004070169	70	1,960	2,537.6	4,281	Bright	sZ	21.32
103107003070169	70	1,960	2,537.6	4,281	Bright	zS	21.32
103107004270169	70	1,960	2,537.6	4,281	Galvanized	sZ	21.32
103107003270169	70	1,960	2,537.6	4,281	Galvanized	zS	21.32
103107006070169	70	1,960	2,537.6	4,281	Bright	zZ	21.32

103107006270169	70	1,960	2,537.6	4,281	Galvanized	zZ	21.32
103107005070169	70	1,960	2,537.6	4,281	Bright	sS	21.32
103107005270169	70	1,960	2,537.6	4,281	Galvanized	sS	21.32
103107204070169	72	1,960	2,689.8	4,538	Bright	sZ	22.6
103107203070169	72	1,960	2,689.8	4,538	Bright	zS	22.6
103107204270169	72	1,960	2,689.8	4,538	Galvanized	sZ	22.6
103107203270169	72	1,960	2,689.8	4,538	Galvanized	zS	22.6
103107206070169	72	1,960	2,689.8	4,538	Bright	zZ	22.6
103107206270169	72	1,960	2,689.8	4,538	Galvanized	zZ	22.6
103107205070169	72	1,960	2,689.8	4,538	Bright	sS	22.6
103107205270169	72	1,960	2,689.8	4,538	Galvanized	sS	22.6