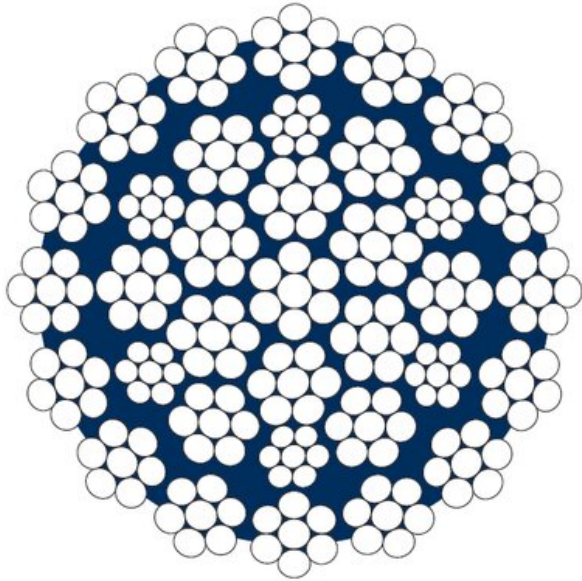


Casar Starlift

Product information



Applications:

A very flexible rope with a core in a special design avoiding crossovers between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation resistant ropes are required.

Construction:

Rotation resistant, made out of conventional strands.

Properties:

- Rotation resistant wire rope with high breaking force
- Very flexible with good fatigue properties

ISO 4309 Rope Category No: 7-72mm RCN.23-2

Marking: According to standard

Standard: EN 12385-4

Fill factor: 0.65

RCN: 23-2

Tolerance Ø: +2% to +4%

Tower crane



Mobile crane



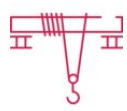
Crawler crane



Mobile port crane



Overhead cranes



Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Finish	Rope lay.	Min. Breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m	Delivery time
102100705070149	7	1,960	Bright	sS	37.8	25	SupplierStandard	0.23	20

102100704070149	7	1,960	Bright	sZ	37.8	25	SupplierStandard	0.23	20
102100703070149	7	1,960	Bright	zS	37.8	25	SupplierStandard	0.23	20
102100706070149	7	1,960	Bright	zZ	37.8	25	SupplierStandard	0.23	20
102100705270149	7	1,960	Galvanized	sS	37.8	25	SupplierStandard	0.23	20
102100704270149	7	1,960	Galvanized	sZ	37.8	25	SupplierStandard	0.23	20
102100703270149	7	1,960	Galvanized	zS	37.8	25	SupplierStandard	0.23	20
102100706270149	7	1,960	Galvanized	zZ	37.8	25	SupplierStandard	0.23	20
102100804070149	8	1,960	Bright	sZ	49.3	32.8	SupplierStandard	0.3	20
102100803070149	8	1,960	Bright	zS	49.3	32.8	SupplierStandard	0.3	20
102100806070149	8	1,960	Bright	zZ	49.3	32.8	SupplierStandard	0.3	20
102100805070149	8	1,960	Bright	sS	49.3	32.8	SupplierStandard	0.3	20
102100804270149	8	1,960	Galvanized	sZ	49.3	32.8	SupplierStandard	0.3	20
102100803270149	8	1,960	Galvanized	zS	49.3	32.8	SupplierStandard	0.3	20
102100806270149	8	1,960	Galvanized	zZ	49.3	32.8	SupplierStandard	0.3	20
102100805270149	8	1,960	Galvanized	sS	49.3	32.8	SupplierStandard	0.3	20
102100904070149	9	1,960	Bright	sZ	61.3	40.8	SupplierStandard	0.37	20
102100903070149	9	1,960	Bright	zS	61.3	40.8	SupplierStandard	0.37	20
102100906070149	9	1,960	Bright	zZ	61.3	40.8	SupplierStandard	0.37	20
102100905070149	9	1,960	Bright	sS	61.3	40.8	SupplierStandard	0.37	20
102100904270149	9	1,960	Galvanized	sZ	61.3	40.8	SupplierStandard	0.37	20
102100903270149	9	1,960	Galvanized	zS	61.3	40.8	SupplierStandard	0.37	20
102100906270149	9	1,960	Galvanized	zZ	61.3	40.8	SupplierStandard	0.37	20
102100905270149	9	1,960	Galvanized	sS	61.3	40.8	SupplierStandard	0.37	20

102101004070149	10	1,960	Bright	sZ	76.6	51.7	SupplierStandard	0.47	20
102101003070149	10	1,960	Bright	zS	76.6	51.7	SupplierStandard	0.47	20
102101006070149	10	1,960	Bright	zZ	76.6	51.7	SupplierStandard	0.47	20
102101005070149	10	1,960	Bright	sS	76.6	51.7	SupplierStandard	0.47	20
102101004270149	10	1,960	Galvanized	sZ	76.6	51.7	SupplierStandard	0.47	20
102101003270149	10	1,960	Galvanized	zS	76.6	51.7	SupplierStandard	0.47	20
102101006270149	10	1,960	Galvanized	zZ	76.6	51.7	SupplierStandard	0.47	20
102101005270149	10	1,960	Galvanized	sS	76.6	51.7	SupplierStandard	0.47	20
102101104070149	11	1,960	Bright	sZ	92.1	62.2	SupplierStandard	0.56	20
102101103070149	11	1,960	Bright	zS	92.1	62.2	SupplierStandard	0.56	20
102101106070149	11	1,960	Bright	zZ	92.1	62.2	SupplierStandard	0.56	20
102101105070149	11	1,960	Bright	sS	92.1	62.2	SupplierStandard	0.56	20
102101104270149	11	1,960	Galvanized	sZ	92.1	62.2	SupplierStandard	0.56	20
102101103270149	11	1,960	Galvanized	zS	92.1	62.2	SupplierStandard	0.56	20
102101106270149	11	1,960	Galvanized	zZ	92.1	62.2	SupplierStandard	0.56	20
102101105270149	11	1,960	Galvanized	sS	92.1	62.2	SupplierStandard	0.56	20
102101204070149	12	1,960	Bright	sZ	110.7	73.9	SupplierStandard	0.67	20
102101203070149	12	1,960	Bright	zS	110.7	73.9	SupplierStandard	0.67	20
102101206070149	12	1,960	Bright	zZ	110.7	73.9	SupplierStandard	0.67	20
102101205070149	12	1,960	Bright	sS	110.7	73.9	SupplierStandard	0.67	20
102101204270149	12	1,960	Galvanized	sZ	110.7	73.9	SupplierStandard	0.67	20
102101203270149	12	1,960	Galvanized	zS	110.7	73.9	SupplierStandard	0.67	20
102101206270149	12	1,960	Galvanized	zZ	110.7	73.9	SupplierStandard	0.67	20

102101205270149	12	1,960	Galvanized	sS	110.7	73.9	SupplierStandard	0.67	20
102101274070149	12.7	1,960	Bright	sZ	114.1	82.8	SupplierStandard	0.75	20
102101273070149	12.7	1,960	Bright	zS	114.1	82.8	SupplierStandard	0.75	20
102101276070149	12.7	1,960	Bright	zZ	114.1	82.8	SupplierStandard	0.75	20
102101275070149	12.7	1,960	Bright	sS	114.1	82.8	SupplierStandard	0.75	20
102101274270149	12.7	1,960	Galvanized	sZ	114.1	82.8	SupplierStandard	0.75	20
102101273270149	12.7	1,960	Galvanized	zS	114.1	82.8	SupplierStandard	0.75	20
102101276270149	12.7	1,960	Galvanized	zZ	114.1	82.8	SupplierStandard	0.75	20
102101275270149	12.7	1,960	Galvanized	sS	114.1	82.8	SupplierStandard	0.75	20
102101304070149	13	1,960	Bright	sZ	129.8	86.9	SupplierStandard	0.78	20
102101303070149	13	1,960	Bright	zS	129.8	86.9	SupplierStandard	0.78	20
102101306070149	13	1,960	Bright	zZ	129.8	86.9	SupplierStandard	0.78	20
102101305070149	13	1,960	Bright	sS	129.8	86.9	SupplierStandard	0.78	20
102101304270149	13	1,960	Galvanized	sZ	129.8	86.9	SupplierStandard	0.78	20
102101303270149	13	1,960	Galvanized	zS	129.8	86.9	SupplierStandard	0.78	20
102101306270149	13	1,960	Galvanized	zZ	129.8	86.9	SupplierStandard	0.78	20
102101305270149	13	1,960	Galvanized	sS	129.8	86.9	SupplierStandard	0.78	20
102101404070149	14	1,960	Bright	sZ	150.5	100.4	SupplierStandard	0.9	20
102101403070149	14	1,960	Bright	zS	150.5	100.4	SupplierStandard	0.9	20
102101406070149	14	1,960	Bright	zZ	150.5	100.4	SupplierStandard	0.9	20
102101405070149	14	1,960	Bright	sS	150.5	100.4	SupplierStandard	0.9	20
102101404270149	14	1,960	Galvanized	sZ	150.5	100.4	SupplierStandard	0.9	20
102101403270149	14	1,960	Galvanized	zS	150.5	100.4	SupplierStandard	0.9	20

102101406270149	14	1,960	Galvanized	zZ	150.5	100.4	SupplierStandard	0.9	20
102101405270149	14	1,960	Galvanized	sS	150.5	100.4	SupplierStandard	0.9	20
102101504070149	15	1,960	Bright	sZ	173	116	SupplierStandard	1.04	20
102101503070149	15	1,960	Bright	zS	173	116	SupplierStandard	1.04	20
102101506070149	15	1,960	Bright	zZ	173	116	SupplierStandard	1.04	20
102101505070149	15	1,960	Bright	sS	173	116	SupplierStandard	1.04	20
102101504270149	15	1,960	Galvanized	sZ	173	116	SupplierStandard	1.04	20
102101503270149	15	1,960	Galvanized	zS	173	116	SupplierStandard	1.04	20
102101506270149	15	1,960	Galvanized	zZ	173	116	SupplierStandard	1.04	20
102101505270149	15	1,960	Galvanized	sS	173	116	SupplierStandard	1.04	20
102101604070149	16	1,960	Bright	sZ	197.2	132.3	SupplierStandard	1.19	20
102101603070149	16	1,960	Bright	zS	197.2	132.3	SupplierStandard	1.19	20
102101606070149	16	1,960	Bright	zZ	197.2	132.3	SupplierStandard	1.19	20
102101605070149	16	1,960	Bright	sS	197.2	132.3	SupplierStandard	1.19	20
102101604270149	16	1,960	Galvanized	sZ	197.2	132.3	SupplierStandard	1.19	20
102101603270149	16	1,960	Galvanized	zS	197.2	132.3	SupplierStandard	1.19	20
102101606270149	16	1,960	Galvanized	zZ	197.2	132.3	SupplierStandard	1.19	20
102101605270149	16	1,960	Galvanized	sS	197.2	132.3	SupplierStandard	1.19	20
102101704070149	17	1,960	Bright	sZ	221.6	147.8	SupplierStandard	1.33	20
102101703070149	17	1,960	Bright	zS	221.6	147.8	SupplierStandard	1.33	20
102101706070149	17	1,960	Bright	zZ	221.6	147.8	SupplierStandard	1.33	20
102101705070149	17	1,960	Bright	sS	221.6	147.8	SupplierStandard	1.33	20
102101704270149	17	1,960	Galvanized	sZ	221.6	147.8	SupplierStandard	1.33	20

102101703270149	17	1,960	Galvanized	zS	221.6	147.8	SupplierStandard	1.33	20
102101706270149	17	1,960	Galvanized	zZ	221.6	147.8	SupplierStandard	1.33	20
102101705270149	17	1,960	Galvanized	sS	221.6	147.8	SupplierStandard	1.33	20
102101804070149	18	1,960	Bright	sZ	246.5	165.5	SupplierStandard	1.49	20
102101803070149	18	1,960	Bright	zS	246.5	165.5	SupplierStandard	1.49	20
102101806070149	18	1,960	Bright	zZ	246.5	165.5	SupplierStandard	1.49	20
102101805070149	18	1,960	Bright	sS	246.5	165.5	SupplierStandard	1.49	20
102101804270149	18	1,960	Galvanized	sZ	246.5	165.5	SupplierStandard	1.49	20
102101803270149	18	1,960	Galvanized	zS	246.5	165.5	SupplierStandard	1.49	20
102101806270149	18	1,960	Galvanized	zZ	246.5	165.5	SupplierStandard	1.49	20
102101805270149	18	1,960	Galvanized	sS	246.5	165.5	SupplierStandard	1.49	20
102101904070149	19	1,960	Bright	sZ	277.8	186.6	SupplierStandard	1.68	20
102101903070149	19	1,960	Bright	zS	277.8	186.6	SupplierStandard	1.68	20
102101906070149	19	1,960	Bright	zZ	277.8	186.6	SupplierStandard	1.68	20
102101905070149	19	1,960	Bright	sS	277.8	186.6	SupplierStandard	1.68	20
102101904270149	19	1,960	Galvanized	sZ	277.8	186.6	SupplierStandard	1.68	20
102101903270149	19	1,960	Galvanized	zS	277.8	186.6	SupplierStandard	1.68	20
102101906270149	19	1,960	Galvanized	zZ	277.8	186.6	SupplierStandard	1.68	20
102101905270149	19	1,960	Galvanized	sS	277.8	186.6	SupplierStandard	1.68	20
102102004070149	20	1,960	Bright	sZ	307.5	205	SupplierStandard	1.85	20
102102003070149	20	1,960	Bright	zS	307.5	205	SupplierStandard	1.85	20
102102006070149	20	1,960	Bright	zZ	307.5	205	SupplierStandard	1.85	20
102102005070149	20	1,960	Bright	sS	307.5	205	SupplierStandard	1.85	20

102102004270149	20	1,960	Galvanized	sZ	307.5	205	SupplierStandard	1.85	20
102102003270149	20	1,960	Galvanized	zS	307.5	205	SupplierStandard	1.85	20
102102006270149	20	1,960	Galvanized	zZ	307.5	205	SupplierStandard	1.85	20
102102005270149	20	1,960	Galvanized	sS	307.5	205	SupplierStandard	1.85	20
102102104070149	21	1,960	Bright	sZ	339.2	226.7	SupplierStandard	2.04	20
102102103070149	21	1,960	Bright	zS	339.2	226.7	SupplierStandard	2.04	20
102102106070149	21	1,960	Bright	zZ	339.2	226.7	SupplierStandard	2.04	20
102102105070149	21	1,960	Bright	sS	339.2	226.7	SupplierStandard	2.04	20
102102104270149	21	1,960	Galvanized	sZ	339.2	226.7	SupplierStandard	2.04	20
102102103270149	21	1,960	Galvanized	zS	339.2	226.7	SupplierStandard	2.04	20
102102106270149	21	1,960	Galvanized	zZ	339.2	226.7	SupplierStandard	2.04	20
102102105270149	21	1,960	Galvanized	sS	339.2	226.7	SupplierStandard	2.04	20
102102204070149	22	1,960	Bright	sZ	373.2	250	SupplierStandard	2.25	20
102102203070149	22	1,960	Bright	zS	373.2	250	SupplierStandard	2.25	20
102102206070149	22	1,960	Bright	zZ	373.2	250	SupplierStandard	2.25	20
102102205070149	22	1,960	Bright	sS	373.2	250	SupplierStandard	2.25	20
102102204270149	22	1,960	Galvanized	sZ	373.2	250	SupplierStandard	2.25	20
102102203270149	22	1,960	Galvanized	zS	373.2	250	SupplierStandard	2.25	20
102102206270149	22	1,960	Galvanized	zZ	373.2	250	SupplierStandard	2.25	20
102102205270149	22	1,960	Galvanized	sS	373.2	250	SupplierStandard	2.25	20
102102304070149	23	1,960	Bright	sZ	405.9	271.2	SupplierStandard	2.44	20
102102303070149	23	1,960	Bright	zS	405.9	271.2	SupplierStandard	2.44	20
102102306070149	23	1,960	Bright	zZ	405.9	271.2	SupplierStandard	2.44	20

102102305070149	23	1,960	Bright	sS	405.9	271.2	SupplierStandard	2.44	20
102102304270149	23	1,960	Galvanized	sZ	405.9	271.2	SupplierStandard	2.44	20
102102303270149	23	1,960	Galvanized	zS	405.9	271.2	SupplierStandard	2.44	20
102102306270149	23	1,960	Galvanized	zZ	405.9	271.2	SupplierStandard	2.44	20
102102305270149	23	1,960	Galvanized	sS	405.9	271.2	SupplierStandard	2.44	20
102102404070149	24	1,960	Bright	sZ	443.5	296	SupplierStandard	2.66	20
102102403070149	24	1,960	Bright	zS	443.5	296	SupplierStandard	2.66	20
102102406070149	24	1,960	Bright	zZ	443.5	296	SupplierStandard	2.66	20
102102405070149	24	1,960	Bright	sS	443.5	296	SupplierStandard	2.66	20
102102404270149	24	1,960	Galvanized	sZ	443.5	296	SupplierStandard	2.66	20
102102403270149	24	1,960	Galvanized	zS	443.5	296	SupplierStandard	2.66	20
102102406270149	24	1,960	Galvanized	zZ	443.5	296	SupplierStandard	2.66	20
102102405270149	24	1,960	Galvanized	sS	443.5	296	SupplierStandard	2.66	20
102102504070149	25	1,960	Bright	sZ	478.3	319.9	SupplierStandard	2.88	20
102102503070149	25	1,960	Bright	zS	478.3	319.9	SupplierStandard	2.88	20
102102506070149	25	1,960	Bright	zZ	478.3	319.9	SupplierStandard	2.88	20
102102505070149	25	1,960	Bright	sS	478.3	319.9	SupplierStandard	2.88	20
102102504270149	25	1,960	Galvanized	sZ	478.3	319.9	SupplierStandard	2.88	20
102102503270149	25	1,960	Galvanized	zS	478.3	319.9	SupplierStandard	2.88	20
102102506270149	25	1,960	Galvanized	zZ	478.3	319.9	SupplierStandard	2.88	20
102102505270149	25	1,960	Galvanized	sS	478.3	319.9	SupplierStandard	2.88	20
102102604070149	26	1,960	Bright	sZ	519.5	347	SupplierStandard	3.12	20
102102603070149	26	1,960	Bright	zS	519.5	347	SupplierStandard	3.12	20

102102606070149	26	1,960	Bright	zZ	519.5	347	SupplierStandard	3.12	20
102102605070149	26	1,960	Bright	sS	519.5	347	SupplierStandard	3.12	20
102102604270149	26	1,960	Galvanized	sZ	519.5	347	SupplierStandard	3.12	20
102102603270149	26	1,960	Galvanized	zS	519.5	347	SupplierStandard	3.12	20
102102606270149	26	1,960	Galvanized	zZ	519.5	347	SupplierStandard	3.12	20
102102605270149	26	1,960	Galvanized	sS	519.5	347	SupplierStandard	3.12	20
102102704070149	27	1,960	Bright	sZ	562.9	372.9	SupplierStandard	3.36	20
102102703070149	27	1,960	Bright	zS	562.9	372.9	SupplierStandard	3.36	20
102102706070149	27	1,960	Bright	zZ	562.9	372.9	SupplierStandard	3.36	20
102102705070149	27	1,960	Bright	sS	562.9	372.9	SupplierStandard	3.36	20
102102704270149	27	1,960	Galvanized	sZ	562.9	372.9	SupplierStandard	3.36	20
102102703270149	27	1,960	Galvanized	zS	562.9	372.9	SupplierStandard	3.36	20
102102706270149	27	1,960	Galvanized	zZ	562.9	372.9	SupplierStandard	3.36	20
102102705270149	27	1,960	Galvanized	sS	562.9	372.9	SupplierStandard	3.36	20
102102804070149	28	1,960	Bright	sZ	607.7	402.1	SupplierStandard	3.62	20
102102803070149	28	1,960	Bright	zS	607.7	402.1	SupplierStandard	3.62	20
102102806070149	28	1,960	Bright	zZ	607.7	402.1	SupplierStandard	3.62	20
102102805070149	28	1,960	Bright	sS	607.7	402.1	SupplierStandard	3.62	20
102102804270149	28	1,960	Galvanized	sZ	607.7	402.1	SupplierStandard	3.62	20
102102803270149	28	1,960	Galvanized	zS	607.7	402.1	SupplierStandard	3.62	20
102102806270149	28	1,960	Galvanized	zZ	607.7	402.1	SupplierStandard	3.62	20
102102805270149	28	1,960	Galvanized	sS	607.7	402.1	SupplierStandard	3.62	20
102102904070149	29	1,960	Bright	sZ	648.6	432.5	SupplierStandard	3.89	20

102102903070149	29	1,960	Bright	zS	648.6	432.5	SupplierStandard	3.89	20
102102906070149	29	1,960	Bright	zZ	648.6	432.5	SupplierStandard	3.89	20
102102905070149	29	1,960	Bright	sS	648.6	432.5	SupplierStandard	3.89	20
102102904270149	29	1,960	Galvanized	sZ	648.6	432.5	SupplierStandard	3.89	20
102102903270149	29	1,960	Galvanized	zS	648.6	432.5	SupplierStandard	3.89	20
102102906270149	29	1,960	Galvanized	zZ	648.6	432.5	SupplierStandard	3.89	20
102102905270149	29	1,960	Galvanized	sS	648.6	432.5	SupplierStandard	3.89	20
102103004070149	30	1,960	Bright	sZ	694.4	464.7	SupplierStandard	4.18	20
102103003070149	30	1,960	Bright	zS	694.4	464.7	SupplierStandard	4.18	20
102103006070149	30	1,960	Bright	zZ	694.4	464.7	SupplierStandard	4.18	20
102103005070149	30	1,960	Bright	sS	694.4	464.7	SupplierStandard	4.18	20
102103004270149	30	1,960	Galvanized	sZ	694.4	464.7	SupplierStandard	4.18	20
102103003270149	30	1,960	Galvanized	zS	694.4	464.7	SupplierStandard	4.18	20
102103006270149	30	1,960	Galvanized	zZ	694.4	464.7	SupplierStandard	4.18	20
102103005270149	30	1,960	Galvanized	sS	694.4	464.7	SupplierStandard	4.18	20
102103104070149	31	1,960	Bright	sZ	736.9	493.1	SupplierStandard	4.44	20
102103103070149	31	1,960	Bright	zS	736.9	493.1	SupplierStandard	4.44	20
102103106070149	31	1,960	Bright	zZ	736.9	493.1	SupplierStandard	4.44	20
102103105070149	31	1,960	Bright	sS	736.9	493.1	SupplierStandard	4.44	20
102103104270149	31	1,960	Galvanized	sZ	736.9	493.1	SupplierStandard	4.44	20
102103103270149	31	1,960	Galvanized	zS	736.9	493.1	SupplierStandard	4.44	20
102103106270149	31	1,960	Galvanized	zZ	736.9	493.1	SupplierStandard	4.44	20
102103105270149	31	1,960	Galvanized	sS	736.9	493.1	SupplierStandard	4.44	20

102103204070149	32	1,960	Bright	sZ	786.7	526.4	SupplierStandard	4.74	20
102103203070149	32	1,960	Bright	zS	786.7	526.4	SupplierStandard	4.74	20
102103206070149	32	1,960	Bright	zZ	786.7	526.4	SupplierStandard	4.74	20
102103205070149	32	1,960	Bright	sS	786.7	526.4	SupplierStandard	4.74	20
102103204270149	32	1,960	Galvanized	sZ	786.7	526.4	SupplierStandard	4.74	20
102103203270149	32	1,960	Galvanized	zS	786.7	526.4	SupplierStandard	4.74	20
102103206270149	32	1,960	Galvanized	zZ	786.7	526.4	SupplierStandard	4.74	20
102103205270149	32	1,960	Galvanized	sS	786.7	526.4	SupplierStandard	4.74	20
102103304070149	33	1,960	Bright	sZ	833.9	558	SupplierStandard	5.02	20
102103303070149	33	1,960	Bright	zS	833.9	558	SupplierStandard	5.02	20
102103306070149	33	1,960	Bright	zZ	833.9	558	SupplierStandard	5.02	20
102103305070149	33	1,960	Bright	sS	833.9	558	SupplierStandard	5.02	20
102103304270149	33	1,960	Galvanized	sZ	833.9	558	SupplierStandard	5.02	20
102103303270149	33	1,960	Galvanized	zS	833.9	558	SupplierStandard	5.02	20
102103306270149	33	1,960	Galvanized	zZ	833.9	558	SupplierStandard	5.02	20
102103305270149	33	1,960	Galvanized	sS	833.9	558	SupplierStandard	5.02	20
102103404070149	34	1,960	Bright	sZ	890.2	591.2	SupplierStandard	5.32	20
102103403070149	34	1,960	Bright	zS	890.2	591.2	SupplierStandard	5.32	20
102103406070149	34	1,960	Bright	zZ	890.2	591.2	SupplierStandard	5.32	20
102103405070149	34	1,960	Bright	sS	890.2	591.2	SupplierStandard	5.32	20
102103404270149	34	1,960	Galvanized	sZ	890.2	591.2	SupplierStandard	5.32	20
102103403270149	34	1,960	Galvanized	zS	890.2	591.2	SupplierStandard	5.32	20
102103406270149	34	1,960	Galvanized	zZ	890.2	591.2	SupplierStandard	5.32	20

102103405270149	34	1,960	Galvanized	sS	890.2	591.2	SupplierStandard	5.32	20
102103604070149	36	1,960	Bright	sZ	1,003.4	661.5	SupplierStandard	5.95	20
102103603070149	36	1,960	Bright	zS	1,003.4	661.5	SupplierStandard	5.95	20
102103606070149	36	1,960	Bright	zZ	1,003.4	661.5	SupplierStandard	5.95	20
102103605070149	36	1,960	Bright	sS	1,003.4	661.5	SupplierStandard	5.95	20
102103604270149	36	1,960	Galvanized	sZ	1,003.4	661.5	SupplierStandard	5.95	20
102103603270149	36	1,960	Galvanized	zS	1,003.4	661.5	SupplierStandard	5.95	20
102103606270149	36	1,960	Galvanized	zZ	1,003.4	661.5	SupplierStandard	5.95	20
102103605270149	36	1,960	Galvanized	sS	1,003.4	661.5	SupplierStandard	5.95	20
102103804070149	38	1,960	Bright	sZ	1,113.5	742.5	SupplierStandard	6.68	20
102103803070149	38	1,960	Bright	zS	1,113.5	742.5	SupplierStandard	6.68	20
102103806070149	38	1,960	Bright	zZ	1,113.5	742.5	SupplierStandard	6.68	20
102103805070149	38	1,960	Bright	sS	1,113.5	742.5	SupplierStandard	6.68	20
102103804270149	38	1,960	Galvanized	sZ	1,113.5	742.5	SupplierStandard	6.68	20
102103803270149	38	1,960	Galvanized	zS	1,113.5	742.5	SupplierStandard	6.68	20
102103806270149	38	1,960	Galvanized	zZ	1,113.5	742.5	SupplierStandard	6.68	20
102103805270149	38	1,960	Galvanized	sS	1,113.5	742.5	SupplierStandard	6.68	20
102104004070149	40	1,960	Bright	sZ	1,231.3	818.1	SupplierStandard	7.36	20
102104003070149	40	1,960	Bright	zS	1,231.3	818.1	SupplierStandard	7.36	20
102104006070149	40	1,960	Bright	zZ	1,231.3	818.1	SupplierStandard	7.36	20
102104005070149	40	1,960	Bright	sS	1,231.3	818.1	SupplierStandard	7.36	20
102104004270149	40	1,960	Galvanized	sZ	1,231.3	818.1	SupplierStandard	7.36	20
102104003270149	40	1,960	Galvanized	zS	1,231.3	818.1	SupplierStandard	7.36	20

102104006270149	40	1,960	Galvanized	zZ	1,231.3	818.1	SupplierStandard	7.36	20
102104005270149	40	1,960	Galvanized	sS	1,231.3	818.1	SupplierStandard	7.36	20
102104204070149	42	1,960	Bright	sZ	1,366.6	902.7	SupplierStandard	8.12	20
102104203070149	42	1,960	Bright	zS	1,366.6	902.7	SupplierStandard	8.12	20
102104206070149	42	1,960	Bright	zZ	1,366.6	902.7	SupplierStandard	8.12	20
102104205070149	42	1,960	Bright	sS	1,366.6	902.7	SupplierStandard	8.12	20
102104204270149	42	1,960	Galvanized	sZ	1,366.6	902.7	SupplierStandard	8.12	20
102104203270149	42	1,960	Galvanized	zS	1,366.6	902.7	SupplierStandard	8.12	20
102104206270149	42	1,960	Galvanized	zZ	1,366.6	902.7	SupplierStandard	8.12	20
102104205270149	42	1,960	Galvanized	sS	1,366.6	902.7	SupplierStandard	8.12	20
102104404070149	44	1,960	Bright	sZ	1,497.9	994.4	SupplierStandard	8.95	20
102104403070149	44	1,960	Bright	zS	1,497.9	994.4	SupplierStandard	8.95	20
102104406070149	44	1,960	Bright	zZ	1,497.9	994.4	SupplierStandard	8.95	20
102104405070149	44	1,960	Bright	sS	1,497.9	994.4	SupplierStandard	8.95	20
102104404270149	44	1,960	Galvanized	sZ	1,497.9	994.4	SupplierStandard	8.95	20
102104403270149	44	1,960	Galvanized	zS	1,497.9	994.4	SupplierStandard	8.95	20
102104406270149	44	1,960	Galvanized	zZ	1,497.9	994.4	SupplierStandard	8.95	20
102104405270149	44	1,960	Galvanized	sS	1,497.9	994.4	SupplierStandard	8.95	20
102104604070149	46	1,960	Bright	sZ	1,632.1	1,083.6	SupplierStandard	9.75	20
102104603070149	46	1,960	Bright	zS	1,632.1	1,083.6	SupplierStandard	9.75	20
102104606070149	46	1,960	Bright	zZ	1,632.1	1,083.6	SupplierStandard	9.75	20
102104605070149	46	1,960	Bright	sS	1,632.1	1,083.6	SupplierStandard	9.75	20
102104604270149	46	1,960	Galvanized	sZ	1,632.1	1,083.6	SupplierStandard	9.75	20

102104603270149	46	1,960	Galvanized	zS	1,632.1	1,083.6	SupplierStandard	9.75	20
102104606270149	46	1,960	Galvanized	zZ	1,632.1	1,083.6	SupplierStandard	9.75	20
102104605270149	46	1,960	Galvanized	sS	1,632.1	1,083.6	SupplierStandard	9.75	20
102104804070149	48	1,960	Bright	sZ	1,780.7	1,186.5	SupplierStandard	10.68	20
102104803070149	48	1,960	Bright	zS	1,780.7	1,186.5	SupplierStandard	10.68	20
102104806070149	48	1,960	Bright	zZ	1,780.7	1,186.5	SupplierStandard	10.68	20
102104805070149	48	1,960	Bright	sS	1,780.7	1,186.5	SupplierStandard	10.68	20
102104804270149	48	1,960	Galvanized	sZ	1,780.7	1,186.5	SupplierStandard	10.68	20
102104803270149	48	1,960	Galvanized	zS	1,780.7	1,186.5	SupplierStandard	10.68	20
102104806270149	48	1,960	Galvanized	zZ	1,780.7	1,186.5	SupplierStandard	10.68	20
102104805270149	48	1,960	Galvanized	sS	1,780.7	1,186.5	SupplierStandard	10.68	20
102105004070149	50	1,960	Bright	sZ	1,926.7	1,286.3	SupplierStandard	11.58	20
102105003070149	50	1,960	Bright	zS	1,926.7	1,286.3	SupplierStandard	11.58	20
102105006070149	50	1,960	Bright	zZ	1,926.7	1,286.3	SupplierStandard	11.58	20
102105005070149	50	1,960	Bright	sS	1,926.7	1,286.3	SupplierStandard	11.58	20
102105004270149	50	1,960	Galvanized	sZ	1,926.7	1,286.3	SupplierStandard	11.58	20
102105003270149	50	1,960	Galvanized	zS	1,926.7	1,286.3	SupplierStandard	11.58	20
102105006270149	50	1,960	Galvanized	zZ	1,926.7	1,286.3	SupplierStandard	11.58	20
102105005270149	50	1,960	Galvanized	sS	1,926.7	1,286.3	SupplierStandard	11.58	20
102105204070149	52	1,960	Bright	sZ	2,029.2	1,391.7	SupplierStandard	12.53	20
102105203070149	52	1,960	Bright	zS	2,029.2	1,391.7	SupplierStandard	12.53	20
102105206070149	52	1,960	Bright	zZ	2,029.2	1,391.7	SupplierStandard	12.53	20
102105205070149	52	1,960	Bright	sS	2,029.2	1,391.7	SupplierStandard	12.53	20

102105204270149	52	1,960	Galvanized	sZ	2,029.2	1,391.7	SupplierStandard	12.53	20
102105203270149	52	1,960	Galvanized	zS	2,029.2	1,391.7	SupplierStandard	12.53	20
102105206270149	52	1,960	Galvanized	zZ	2,029.2	1,391.7	SupplierStandard	12.53	20
102105205270149	52	1,960	Galvanized	sS	2,029.2	1,391.7	SupplierStandard	12.53	20
102105404070149	54	1,960	Bright	sZ	2,188.5	1,501.4	SupplierStandard	13.51	20
102105403070149	54	1,960	Bright	zS	2,188.5	1,501.4	SupplierStandard	13.51	20
102105406070149	54	1,960	Bright	zZ	2,188.5	1,501.4	SupplierStandard	13.51	20
102105405070149	54	1,960	Bright	sS	2,188.5	1,501.4	SupplierStandard	13.51	20
102105404270149	54	1,960	Galvanized	sZ	2,188.5	1,501.4	SupplierStandard	13.51	20
102105403270149	54	1,960	Galvanized	zS	2,188.5	1,501.4	SupplierStandard	13.51	20
102105406270149	54	1,960	Galvanized	zZ	2,188.5	1,501.4	SupplierStandard	13.51	20
102105405270149	54	1,960	Galvanized	sS	2,188.5	1,501.4	SupplierStandard	13.51	20
102105604070149	56	1,960	Bright	sZ	2,371.1	1,609.7	SupplierStandard	14.49	20
102105603070149	56	1,960	Bright	zS	2,371.1	1,609.7	SupplierStandard	14.49	20
102105606070149	56	1,960	Bright	zZ	2,371.1	1,609.7	SupplierStandard	14.49	20
102105605070149	56	1,960	Bright	sS	2,371.1	1,609.7	SupplierStandard	14.49	20
102105604270149	56	1,960	Galvanized	sZ	2,371.1	1,609.7	SupplierStandard	14.49	20
102105603270149	56	1,960	Galvanized	zS	2,371.1	1,609.7	SupplierStandard	14.49	20
102105606270149	56	1,960	Galvanized	zZ	2,371.1	1,609.7	SupplierStandard	14.49	20
102105605270149	56	1,960	Galvanized	sS	2,371.1	1,609.7	SupplierStandard	14.49	20
102105804070149	58	1,960	Bright	sZ	2,530.8	1,726.1	SupplierStandard	15.54	20
102105803070149	58	1,960	Bright	zS	2,530.8	1,726.1	SupplierStandard	15.54	20
102105806070149	58	1,960	Bright	zZ	2,530.8	1,726.1	SupplierStandard	15.54	20

102105805070149	58	1,960	Bright	sS	2,530.8	1,726.1	SupplierStandard	15.54	20
102105804270149	58	1,960	Galvanized	sZ	2,530.8	1,726.1	SupplierStandard	15.54	20
102105803270149	58	1,960	Galvanized	zS	2,530.8	1,726.1	SupplierStandard	15.54	20
102105806270149	58	1,960	Galvanized	zZ	2,530.8	1,726.1	SupplierStandard	15.54	20
102105805270149	58	1,960	Galvanized	sS	2,530.8	1,726.1	SupplierStandard	15.54	20
102106004070149	60	1,960	Bright	sZ	2,719.5	1,847.2	SupplierStandard	16.62	20
102106003070149	60	1,960	Bright	zS	2,719.5	1,847.2	SupplierStandard	16.62	20
102106006070149	60	1,960	Bright	zZ	2,719.5	1,847.2	SupplierStandard	16.62	20
102106005070149	60	1,960	Bright	sS	2,719.5	1,847.2	SupplierStandard	16.62	20
102106004270149	60	1,960	Galvanized	sZ	2,719.5	1,847.2	SupplierStandard	16.62	20
102106003270149	60	1,960	Galvanized	zS	2,719.5	1,847.2	SupplierStandard	16.62	20
102106006270149	60	1,960	Galvanized	zZ	2,719.5	1,847.2	SupplierStandard	16.62	20
102106005270149	60	1,960	Galvanized	sS	2,719.5	1,847.2	SupplierStandard	16.62	20
102106204070149	62	1,960	Bright	sZ	2,904.7	1,972.4	SupplierStandard	17.75	20
102106203070149	62	1,960	Bright	zS	2,904.7	1,972.4	SupplierStandard	17.75	20
102106206070149	62	1,960	Bright	zZ	2,904.7	1,972.4	SupplierStandard	17.75	20
102106205070149	62	1,960	Bright	sS	2,904.7	1,972.4	SupplierStandard	17.75	20
102106204270149	62	1,960	Galvanized	sZ	2,904.7	1,972.4	SupplierStandard	17.75	20
102106203270149	62	1,960	Galvanized	zS	2,904.7	1,972.4	SupplierStandard	17.75	20
102106206270149	62	1,960	Galvanized	zZ	2,904.7	1,972.4	SupplierStandard	17.75	20
102106205270149	62	1,960	Galvanized	sS	2,904.7	1,972.4	SupplierStandard	17.75	20
102106404070149	64	1,960	Bright	sZ	3,099.8	2,101.7	SupplierStandard	18.92	20
102106403070149	64	1,960	Bright	zS	3,099.8	2,101.7	SupplierStandard	18.92	20

102106406070149	64	1,960	Bright	zZ	3,099.8	2,101.7	SupplierStandard	18.92	20
102106405070149	64	1,960	Bright	sS	3,099.8	2,101.7	SupplierStandard	18.92	20
102106404270149	64	1,960	Galvanized	sZ	3,099.8	2,101.7	SupplierStandard	18.92	20
102106403270149	64	1,960	Galvanized	zS	3,099.8	2,101.7	SupplierStandard	18.92	20
102106406270149	64	1,960	Galvanized	zZ	3,099.8	2,101.7	SupplierStandard	18.92	20
102106405270149	64	1,960	Galvanized	sS	3,099.8	2,101.7	SupplierStandard	18.92	20
102106604070149	66	1,960	Bright	sZ	3,298.5	2,235.1	SupplierStandard	20.12	20
102106603070149	66	1,960	Bright	zS	3,298.5	2,235.1	SupplierStandard	20.12	20
102106606070149	66	1,960	Bright	zZ	3,298.5	2,235.1	SupplierStandard	20.12	20
102106605070149	66	1,960	Bright	sS	3,298.5	2,235.1	SupplierStandard	20.12	20
102106604270149	66	1,960	Galvanized	sZ	3,298.5	2,235.1	SupplierStandard	20.12	20
102106603270149	66	1,960	Galvanized	zS	3,298.5	2,235.1	SupplierStandard	20.12	20
102106606270149	66	1,960	Galvanized	zZ	3,298.5	2,235.1	SupplierStandard	20.12	20
102106605270149	66	1,960	Galvanized	sS	3,298.5	2,235.1	SupplierStandard	20.12	20
102106804070149	68	1,960	Bright	sZ	3,514.6	2,372.6	SupplierStandard	21.35	20
102106803070149	68	1,960	Bright	zS	3,514.6	2,372.6	SupplierStandard	21.35	20
102106806070149	68	1,960	Bright	zZ	3,514.6	2,372.6	SupplierStandard	21.35	20
102106805070149	68	1,960	Bright	sS	3,514.6	2,372.6	SupplierStandard	21.35	20
102106804270149	68	1,960	Galvanized	sZ	3,514.6	2,372.6	SupplierStandard	21.35	20
102106803270149	68	1,960	Galvanized	zS	3,514.6	2,372.6	SupplierStandard	21.35	20
102106806270149	68	1,960	Galvanized	zZ	3,514.6	2,372.6	SupplierStandard	21.35	20
102106805270149	68	1,960	Galvanized	sS	3,514.6	2,372.6	SupplierStandard	21.35	20
102107004070149	70	1,960	Bright	sZ	3,694.7	2,514.2	SupplierStandard	22.63	20

102107003070149	70	1,960	Bright	zS	3,694.7	2,514.2	SupplierStandard	22.63	20
102107006070149	70	1,960	Bright	zZ	3,694.7	2,514.2	SupplierStandard	22.63	20
102107005070149	70	1,960	Bright	sS	3,694.7	2,514.2	SupplierStandard	22.63	20
102107004270149	70	1,960	Galvanized	sZ	3,694.7	2,514.2	SupplierStandard	22.63	20
102107003270149	70	1,960	Galvanized	zS	3,694.7	2,514.2	SupplierStandard	22.63	20
102107006270149	70	1,960	Galvanized	zZ	3,694.7	2,514.2	SupplierStandard	22.63	20
102107005270149	70	1,960	Galvanized	sS	3,694.7	2,514.2	SupplierStandard	22.63	20
102107204070149	72	1,960	Bright	sZ	3,926.2	2,659.9	SupplierStandard	23.94	20
102107203070149	72	1,960	Bright	zS	3,926.2	2,659.9	SupplierStandard	23.94	20
102107206070149	72	1,960	Bright	zZ	3,926.2	2,659.9	SupplierStandard	23.94	20
102107205070149	72	1,960	Bright	sS	3,926.2	2,659.9	SupplierStandard	23.94	20
102107204270149	72	1,960	Galvanized	sZ	3,926.2	2,659.9	SupplierStandard	23.94	20
102107203270149	72	1,960	Galvanized	zS	3,926.2	2,659.9	SupplierStandard	23.94	20
102107206270149	72	1,960	Galvanized	zZ	3,926.2	2,659.9	SupplierStandard	23.94	20
102107205270149	72	1,960	Galvanized	sS	3,926.2	2,659.9	SupplierStandard	23.94	20