



Offshore crane



## Канат стальной verotop XP

### Product information



#### Особенности продукта:

Канат с очень стабильной структурой, достигающей очень хороших результатов усталостной прочности. Высокой сопротивлением внутреннему износу и защищенным ядром в агрессивных средах. Он показывает лучшую стойкость к истиранию. Идеально укладывается при намотке на многослойном барабане.

ISO 4309

Категория №: все диаметры КСТ.23-1

**Features:** Verotop XP-самый прочный из всех тросов, устойчивый к вращению.

**Marking:** According to standard

**Standard:** EN 12385-4

**Fill factor:** 0.745

**RCN:** 23-1

**Tolerance Ø:** +2% to +4%

Код товара	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Finish	Rope lay.	Min. Breaking force kN	Steel area mm <sup>2</sup>	Lubrication	Вес kg/100m
104101205070169	12	1 960	Bright	sS	140,4	84	SupplierStandard	72
104101204070169	12	1 960	Bright	sZ	140,4	84	SupplierStandard	72
104101206070169	12	1 960	Bright	zZ	140,4	84	SupplierStandard	72
104101205270169	12	1 960	Galvanized	sS	140,4	84	SupplierStandard	72

104101204270169	12	1 960	Galvanized	sZ	140,4	84	SupplierStandard	72
104101206270169	12	1 960	Galvanized	zZ	140,4	84	SupplierStandard	72
104101205100169	12	2 160	Bright	sS	152,9	84	SupplierStandard	72
104101204100169	12	2 160	Bright	sZ	152,9	84	SupplierStandard	72
104101206100169	12	2 160	Bright	zZ	152,9	84	SupplierStandard	72
104101205300169	12	2 160	Galvanized	sS	152,9	84	SupplierStandard	72
104101204300169	12	2 160	Galvanized	sZ	152,9	84	SupplierStandard	72
104101206300169	12	2 160	Galvanized	zZ	152,9	84	SupplierStandard	72
104101275070169	12,7	1 960	Bright	sS	157,2	94	SupplierStandard	81
104101274070169	12,7	1 960	Bright	sZ	157,2	94	SupplierStandard	81
104101276070169	12,7	1 960	Bright	zZ	157,2	94	SupplierStandard	81
104101275270169	12,7	1 960	Galvanized	sS	157,2	94	SupplierStandard	81
104101274270169	12,7	1 960	Galvanized	sZ	157,2	94	SupplierStandard	81
104101276270169	12,7	1 960	Galvanized	zZ	157,2	94	SupplierStandard	81
104101275100169	12,7	2 160	Bright	sS	171,2	94	SupplierStandard	81
104101274100169	12,7	2 160	Bright	sZ	171,2	94	SupplierStandard	81
104101276100169	12,7	2 160	Bright	zZ	171,2	94	SupplierStandard	81
104101275300169	12,7	2 160	Galvanized	sS	171,2	94	SupplierStandard	81
104101274300169	12,7	2 160	Galvanized	sZ	171,2	94	SupplierStandard	81
104101276300169	12,7	2 160	Galvanized	zZ	171,2	94	SupplierStandard	81
104101305070169	13	1 960	Bright	sS	164,7	99	SupplierStandard	84
104101304070169	13	1 960	Bright	sZ	164,7	99	SupplierStandard	84

104101306070169	13	1 960	Bright	zZ	164,7	99	SupplierStandard	84
104101305270169	13	1 960	Galvanized	sS	164,7	99	SupplierStandard	84
104101304270169	13	1 960	Galvanized	sZ	164,7	99	SupplierStandard	84
104101306270169	13	1 960	Galvanized	zZ	164,7	99	SupplierStandard	84
104101305100169	13	2 160	Bright	sS	179,4	99	SupplierStandard	84
104101304100169	13	2 160	Bright	sZ	179,4	99	SupplierStandard	84
104101306100169	13	2 160	Bright	zZ	179,4	99	SupplierStandard	84
104101305300169	13	2 160	Galvanized	sS	179,4	99	SupplierStandard	84
104101304300169	13	2 160	Galvanized	sZ	179,4	99	SupplierStandard	84
104101306300169	13	2 160	Galvanized	zZ	179,4	99	SupplierStandard	84
104101405070169	14	1 960	Bright	sS	191	115	SupplierStandard	98
104101404070169	14	1 960	Bright	sZ	191	115	SupplierStandard	98
104101406070169	14	1 960	Bright	zZ	191	115	SupplierStandard	98
104101405270169	14	1 960	Galvanized	sS	191	115	SupplierStandard	98
104101404270169	14	1 960	Galvanized	sZ	191	115	SupplierStandard	98
104101406270169	14	1 960	Galvanized	zZ	191	115	SupplierStandard	98
104101405100169	14	2 160	Bright	sS	208,1	115	SupplierStandard	98
104101404100169	14	2 160	Bright	sZ	208,1	115	SupplierStandard	98
104101406100169	14	2 160	Bright	zZ	208,1	115	SupplierStandard	98
104101405300169	14	2 160	Galvanized	sS	208,1	115	SupplierStandard	98
104101404300169	14	2 160	Galvanized	sZ	208,1	115	SupplierStandard	98
104101406300169	14	2 160	Galvanized	zZ	208,1	115	SupplierStandard	98
104101505070169	15	1 960	Bright	sS	219,3	132	SupplierStandard	113

104101504070169	15	1 960	Bright	sZ	219,3	132	SupplierStandard	113
104101506070169	15	1 960	Bright	zZ	219,3	132	SupplierStandard	113
104101505270169	15	1 960	Galvanized	sS	219,3	132	SupplierStandard	113
104101504270169	15	1 960	Galvanized	sZ	219,3	132	SupplierStandard	113
104101506270169	15	1 960	Galvanized	zZ	219,3	132	SupplierStandard	113
104101505100169	15	2 160	Bright	sS	238,9	132	SupplierStandard	113
104101504100169	15	2 160	Bright	sZ	238,9	132	SupplierStandard	113
104101506100169	15	2 160	Bright	zZ	238,9	132	SupplierStandard	113
104101505300169	15	2 160	Galvanized	sS	238,9	132	SupplierStandard	113
104101504300169	15	2 160	Galvanized	sZ	238,9	132	SupplierStandard	113
104101506300169	15	2 160	Galvanized	zZ	238,9	132	SupplierStandard	113
104101605070169	16	1 960	Bright	sS	249,6	150	SupplierStandard	128
104101604070169	16	1 960	Bright	sZ	249,6	150	SupplierStandard	128
104101606070169	16	1 960	Bright	zZ	249,6	150	SupplierStandard	128
104101605270169	16	1 960	Galvanized	sS	249,6	150	SupplierStandard	128
104101604270169	16	1 960	Galvanized	sZ	249,6	150	SupplierStandard	128
104101606270169	16	1 960	Galvanized	zZ	249,6	150	SupplierStandard	128
104101605100169	16	2 160	Bright	sS	271,8	150	SupplierStandard	128
104101604100169	16	2 160	Bright	sZ	271,8	150	SupplierStandard	128
104101606100169	16	2 160	Bright	zZ	271,8	150	SupplierStandard	128
104101605300169	16	2 160	Galvanized	sS	271,8	150	SupplierStandard	128
104101604300169	16	2 160	Galvanized	sZ	271,8	150	SupplierStandard	128
104101606300169	16	2 160	Galvanized	zZ	271,8	150	SupplierStandard	128

104101705070169	17	1 960	Bright	sS	281,7	169	SupplierStandard	145
104101704070169	17	1 960	Bright	sZ	281,7	169	SupplierStandard	145
104101706070169	17	1 960	Bright	zZ	281,7	169	SupplierStandard	145
104101705270169	17	1 960	Galvanized	sS	281,7	169	SupplierStandard	145
104101704270169	17	1 960	Galvanized	sZ	281,7	169	SupplierStandard	145
104101706270169	17	1 960	Galvanized	zZ	281,7	169	SupplierStandard	145
104101705100169	17	2 160	Bright	sS	306,8	169	SupplierStandard	145
104101704100169	17	2 160	Bright	sZ	306,8	169	SupplierStandard	145
104101706100169	17	2 160	Bright	zZ	306,8	169	SupplierStandard	145
104101705300169	17	2 160	Galvanized	sS	306,8	169	SupplierStandard	145
104101704300169	17	2 160	Galvanized	sZ	306,8	169	SupplierStandard	145
104101706300169	17	2 160	Galvanized	zZ	306,8	169	SupplierStandard	145
104101805070169	18	1 960	Bright	sS	315,8	190	SupplierStandard	162
104101804070169	18	1 960	Bright	sZ	315,8	190	SupplierStandard	162
104101806070169	18	1 960	Bright	zZ	315,8	190	SupplierStandard	162
104101805270169	18	1 960	Galvanized	sS	315,8	190	SupplierStandard	162
104101804270169	18	1 960	Galvanized	sZ	315,8	190	SupplierStandard	162
104101806270169	18	1 960	Galvanized	zZ	315,8	190	SupplierStandard	162
104101805100169	18	2 160	Bright	sS	344	190	SupplierStandard	162
104101804100169	18	2 160	Bright	sZ	344	190	SupplierStandard	162
104101806100169	18	2 160	Bright	zZ	344	190	SupplierStandard	162
104101805300169	18	2 160	Galvanized	sS	344	190	SupplierStandard	162
104101804300169	18	2 160	Galvanized	sZ	344	190	SupplierStandard	162

104101806300169	18	2 160	Galvanized	zZ	344	190	SupplierStandard	162
104101905070169	19	1 960	Bright	sS	351,9	211	SupplierStandard	181
104101904070169	19	1 960	Bright	sZ	351,9	211	SupplierStandard	181
104101906070169	19	1 960	Bright	zZ	351,9	211	SupplierStandard	181
104101905270169	19	1 960	Galvanized	sS	351,9	211	SupplierStandard	181
104101904270169	19	1 960	Galvanized	sZ	351,9	211	SupplierStandard	181
104101906270169	19	1 960	Galvanized	zZ	351,9	211	SupplierStandard	181
104101905100169	19	2 160	Bright	sS	383,3	211	SupplierStandard	181
104101904100169	19	2 160	Bright	sZ	383,3	211	SupplierStandard	181
104101906100169	19	2 160	Bright	zZ	383,3	211	SupplierStandard	181
104101905300169	19	2 160	Galvanized	sS	383,3	211	SupplierStandard	181
104101904300169	19	2 160	Galvanized	sZ	383,3	211	SupplierStandard	181
104101906300169	19	2 160	Galvanized	zZ	383,3	211	SupplierStandard	181
104102005070169	20	1 960	Bright	sS	389,9	234	SupplierStandard	200
104102004070169	20	1 960	Bright	sZ	389,9	234	SupplierStandard	200
104102006070169	20	1 960	Bright	zZ	389,9	234	SupplierStandard	200
104102005270169	20	1 960	Galvanized	sS	389,9	234	SupplierStandard	200
104102004270169	20	1 960	Galvanized	sZ	389,9	234	SupplierStandard	200
104102006270169	20	1 960	Galvanized	zZ	389,9	234	SupplierStandard	200
104102005100169	20	2 160	Bright	sS	424,7	234	SupplierStandard	200
104102004100169	20	2 160	Bright	sZ	424,7	234	SupplierStandard	200
104102006100169	20	2 160	Bright	zZ	424,7	234	SupplierStandard	200
104102005300169	20	2 160	Galvanized	sS	424,7	234	SupplierStandard	200

104102004300169	20	2 160	Galvanized	sZ	424,7	234	SupplierStandard	200
104102006300169	20	2 160	Galvanized	zZ	424,7	234	SupplierStandard	200
104102105070169	21	1 960	Bright	sS	429,9	258	SupplierStandard	221
104102104070169	21	1 960	Bright	sZ	429,9	258	SupplierStandard	221
104102106070169	21	1 960	Bright	zZ	429,9	258	SupplierStandard	221
104102105270169	21	1 960	Galvanized	sS	429,9	258	SupplierStandard	221
104102104270169	21	1 960	Galvanized	sZ	429,9	258	SupplierStandard	221
104102106270169	21	1 960	Galvanized	zZ	429,9	258	SupplierStandard	221
104102105100169	21	2 160	Bright	sS	468,2	258	SupplierStandard	221
104102104100169	21	2 160	Bright	sZ	468,2	258	SupplierStandard	221
104102106100169	21	2 160	Bright	zZ	468,2	258	SupplierStandard	221
104102105300169	21	2 160	Galvanized	sS	468,2	258	SupplierStandard	221
104102104300169	21	2 160	Galvanized	sZ	468,2	258	SupplierStandard	221
104102106300169	21	2 160	Galvanized	zZ	468,2	258	SupplierStandard	221
104102205070169	22	1 960	Bright	sS	471,8	283	SupplierStandard	242
104102204070169	22	1 960	Bright	sZ	471,8	283	SupplierStandard	242
104102206070169	22	1 960	Bright	zZ	471,8	283	SupplierStandard	242
104102205270169	22	1 960	Galvanized	sS	471,8	283	SupplierStandard	242
104102204270169	22	1 960	Galvanized	sZ	471,8	283	SupplierStandard	242
104102206270169	22	1 960	Galvanized	zZ	471,8	283	SupplierStandard	242
104102205100169	22	2 160	Bright	sS	513,8	283	SupplierStandard	242
104102204100169	22	2 160	Bright	sZ	513,8	283	SupplierStandard	242
104102206100169	22	2 160	Bright	zZ	513,8	283	SupplierStandard	242

104102205300169	22	2 160	Galvanized	sS	513,8	283	SupplierStandard	242
104102204300169	22	2 160	Galvanized	sZ	513,8	283	SupplierStandard	242
104102206300169	22	2 160	Galvanized	zZ	513,8	283	SupplierStandard	242
104102245070169	22,4	1 960	Bright	sS	489,1	288	SupplierStandard	251
104102244070169	22,4	1 960	Bright	sZ	489,1	288	SupplierStandard	251
104102246070169	22,4	1 960	Bright	zZ	489,1	288	SupplierStandard	251
104102245270169	22,4	1 960	Galvanized	sS	489,1	288	SupplierStandard	251
104102244270169	22,4	1 960	Galvanized	sZ	489,1	288	SupplierStandard	251
104102246270169	22,4	1 960	Galvanized	zZ	489,1	288	SupplierStandard	251
104102245100169	22,4	2 160	Bright	sS	532,7	288	SupplierStandard	251
104102244100169	22,4	2 160	Bright	sZ	532,7	288	SupplierStandard	251
104102246100169	22,4	2 160	Bright	zZ	532,7	288	SupplierStandard	251
104102245300169	22,4	2 160	Galvanized	sS	532,7	288	SupplierStandard	251
104102244300169	22,4	2 160	Galvanized	sZ	532,7	288	SupplierStandard	251
104102246300169	22,4	2 160	Galvanized	zZ	532,7	288	SupplierStandard	251
104102305070169	23	1 960	Bright	sS	515,7	310	SupplierStandard	265
104102304070169	23	1 960	Bright	sZ	515,7	310	SupplierStandard	265
104102306070169	23	1 960	Bright	zZ	515,7	310	SupplierStandard	265
104102305270169	23	1 960	Galvanized	sS	515,7	310	SupplierStandard	265
104102304270169	23	1 960	Galvanized	sZ	515,7	310	SupplierStandard	265
104102306270169	23	1 960	Galvanized	zZ	515,7	310	SupplierStandard	265
104102305100169	23	2 160	Bright	sS	561,6	310	SupplierStandard	265
104102304100169	23	2 160	Bright	sZ	561,6	310	SupplierStandard	265



104102306100169	23	2 160	Bright	zZ	561,6	310	SupplierStandard	265
104102305300169	23	2 160	Galvanized	sS	561,6	310	SupplierStandard	265
104102304300169	23	2 160	Galvanized	sZ	561,6	310	SupplierStandard	265
104102306300169	23	2 160	Galvanized	zZ	561,6	310	SupplierStandard	265
104102405070169	24	1 960	Bright	sS	561,5	337	SupplierStandard	288
104102404070169	24	1 960	Bright	sZ	561,5	337	SupplierStandard	288
104102406070169	24	1 960	Bright	zZ	561,5	337	SupplierStandard	288
104102405270169	24	1 960	Galvanized	sS	561,5	337	SupplierStandard	288
104102404270169	24	1 960	Galvanized	sZ	561,5	337	SupplierStandard	288
104102406270169	24	1 960	Galvanized	zZ	561,5	337	SupplierStandard	288
104102405100169	24	2 160	Bright	sS	611,5	337	SupplierStandard	288
104102404100169	24	2 160	Bright	sZ	611,5	337	SupplierStandard	288
104102406100169	24	2 160	Bright	zZ	611,5	337	SupplierStandard	288
104102405300169	24	2 160	Galvanized	sS	611,5	337	SupplierStandard	288
104102404300169	24	2 160	Galvanized	sZ	611,5	337	SupplierStandard	288
104102406300169	24	2 160	Galvanized	zZ	611,5	337	SupplierStandard	288
104102505070169	25	1 960	Bright	sS	609,3	366	SupplierStandard	313
104102504070169	25	1 960	Bright	sZ	609,3	366	SupplierStandard	313
104102506070169	25	1 960	Bright	zZ	609,3	366	SupplierStandard	313
104102505270169	25	1 960	Galvanized	sS	609,3	366	SupplierStandard	313
104102504270169	25	1 960	Galvanized	sZ	609,3	366	SupplierStandard	313
104102506270169	25	1 960	Galvanized	zZ	609,3	366	SupplierStandard	313
104102505100169	25	2 160	Bright	sS	663,5	366	SupplierStandard	313

104102504100169	25	2 160	Bright	sZ	663,5	366	SupplierStandard	313
104102506100169	25	2 160	Bright	zZ	663,5	366	SupplierStandard	313
104102505300169	25	2 160	Galvanized	sS	663,5	366	SupplierStandard	313
104102504300169	25	2 160	Galvanized	sZ	663,5	366	SupplierStandard	313
104102506300169	25	2 160	Galvanized	zZ	663,5	366	SupplierStandard	313
104102545070169	25,4	1 960	Bright	sS	628,9	377	SupplierStandard	323
104102544070169	25,4	1 960	Bright	sZ	628,9	377	SupplierStandard	323
104102546070169	25,4	1 960	Bright	zZ	628,9	377	SupplierStandard	323
104102545270169	25,4	1 960	Galvanized	sS	628,9	377	SupplierStandard	323
104102544270169	25,4	1 960	Galvanized	sZ	628,9	377	SupplierStandard	323
104102546270169	25,4	1 960	Galvanized	zZ	628,9	377	SupplierStandard	323
104102545100169	25,4	2 160	Bright	sS	684,9	377	SupplierStandard	323
104102544100169	25,4	2 160	Bright	sZ	684,9	377	SupplierStandard	323
104102546100169	25,4	2 160	Bright	zZ	684,9	377	SupplierStandard	323
104102545300169	25,4	2 160	Galvanized	sS	684,9	377	SupplierStandard	323
104102544300169	25,4	2 160	Galvanized	sZ	684,9	377	SupplierStandard	323
104102546300169	25,4	2 160	Galvanized	zZ	684,9	377	SupplierStandard	323
104102605070169	26	1 960	Bright	sS	659	396	SupplierStandard	338
104102604070169	26	1 960	Bright	sZ	659	396	SupplierStandard	338
104102606070169	26	1 960	Bright	zZ	659	396	SupplierStandard	338
104102605270169	26	1 960	Galvanized	sS	659	396	SupplierStandard	338
104102604270169	26	1 960	Galvanized	sZ	659	396	SupplierStandard	338
104102606270169	26	1 960	Galvanized	zZ	659	396	SupplierStandard	338

104102605100169	26	2 160	Bright	sS	717,7	396	SupplierStandard	338
104102604100169	26	2 160	Bright	sZ	717,7	396	SupplierStandard	338
104102606100169	26	2 160	Bright	zZ	717,7	396	SupplierStandard	338
104102605300169	26	2 160	Galvanized	sS	717,7	396	SupplierStandard	338
104102604300169	26	2 160	Galvanized	sZ	717,7	396	SupplierStandard	338
104102606300169	26	2 160	Galvanized	zZ	717,7	396	SupplierStandard	338
104102705070169	27	1 960	Bright	sS	710,6	427	SupplierStandard	365
104102704070169	27	1 960	Bright	sZ	710,6	427	SupplierStandard	365
104102706070169	27	1 960	Bright	zZ	710,6	427	SupplierStandard	365
104102705270169	27	1 960	Galvanized	sS	710,6	427	SupplierStandard	365
104102704270169	27	1 960	Galvanized	sZ	710,6	427	SupplierStandard	365
104102706270169	27	1 960	Galvanized	zZ	710,6	427	SupplierStandard	365
104102705100169	27	2 160	Bright	sS	773,9	427	SupplierStandard	365
104102704100169	27	2 160	Bright	sZ	773,9	427	SupplierStandard	365
104102706100169	27	2 160	Bright	zZ	773,9	427	SupplierStandard	365
104102705300169	27	2 160	Galvanized	sS	773,9	427	SupplierStandard	365
104102704300169	27	2 160	Galvanized	sZ	773,9	427	SupplierStandard	365
104102706300169	27	2 160	Galvanized	zZ	773,9	427	SupplierStandard	365
104102805070169	28	1 960	Bright	sS	764,3	459	SupplierStandard	392
104102804070169	28	1 960	Bright	sZ	764,3	459	SupplierStandard	392
104102806070169	28	1 960	Bright	zZ	764,3	459	SupplierStandard	392
104102805270169	28	1 960	Galvanized	sS	764,3	459	SupplierStandard	392
104102804270169	28	1 960	Galvanized	sZ	764,3	459	SupplierStandard	392

104102806270169	28	1 960	Galvanized	zZ	764,3	459	SupplierStandard	392
104102805100169	28	2 160	Bright	sS	832,3	459	SupplierStandard	392
104102804100169	28	2 160	Bright	sZ	832,3	459	SupplierStandard	392
104102806100169	28	2 160	Bright	zZ	832,3	459	SupplierStandard	392
104102805300169	28	2 160	Galvanized	sS	832,3	459	SupplierStandard	392
104102804300169	28	2 160	Galvanized	sZ	832,3	459	SupplierStandard	392
104102806300169	28	2 160	Galvanized	zZ	832,3	459	SupplierStandard	392
104102865070169	28,6	1 960	Bright	sS	797,4	479	SupplierStandard	409
104102864070169	28,6	1 960	Bright	sZ	797,4	479	SupplierStandard	409
104102866070169	28,6	1 960	Bright	zZ	797,4	479	SupplierStandard	409
104102865270169	28,6	1 960	Galvanized	sS	797,4	479	SupplierStandard	409
104102864270169	28,6	1 960	Galvanized	sZ	797,4	479	SupplierStandard	409
104102866270169	28,6	1 960	Galvanized	zZ	797,4	479	SupplierStandard	409
104102865100169	28,6	2 160	Bright	sS	868,4	479	SupplierStandard	409
104102864100169	28,6	2 160	Bright	sZ	868,4	479	SupplierStandard	409
104102866100169	28,6	2 160	Bright	zZ	868,4	479	SupplierStandard	409
104102865300169	28,6	2 160	Galvanized	sS	868,4	479	SupplierStandard	409
104102864300169	28,6	2 160	Galvanized	sZ	868,4	479	SupplierStandard	409
104102866300169	28,6	2 160	Galvanized	zZ	868,4	479	SupplierStandard	409
104102905070169	29	1 960	Bright	sS	819,8	492	SupplierStandard	421
104102904070169	29	1 960	Bright	sZ	819,8	492	SupplierStandard	421
104102906070169	29	1 960	Bright	zZ	819,8	492	SupplierStandard	421
104102905270169	29	1 960	Galvanized	sS	819,8	492	SupplierStandard	421

104102904270169	29	1 960	Galvanized	sZ	819,8	492	SupplierStandard	421
104102906270169	29	1 960	Galvanized	zZ	819,8	492	SupplierStandard	421
104102905100169	29	2 160	Bright	sS	892,8	492	SupplierStandard	421
104102904100169	29	2 160	Bright	sZ	892,8	492	SupplierStandard	421
104102906100169	29	2 160	Bright	zZ	892,8	492	SupplierStandard	421
104102905300169	29	2 160	Galvanized	sS	892,8	492	SupplierStandard	421
104102904300169	29	2 160	Galvanized	sZ	892,8	492	SupplierStandard	421
104102906300169	29	2 160	Galvanized	zZ	892,8	492	SupplierStandard	421
104103005070169	30	1 960	Bright	sS	877,3	527	SupplierStandard	450
104103004070169	30	1 960	Bright	sZ	877,3	527	SupplierStandard	450
104103006070169	30	1 960	Bright	zZ	877,3	527	SupplierStandard	450
104103005270169	30	1 960	Galvanized	sS	877,3	527	SupplierStandard	450
104103004270169	30	1 960	Galvanized	sZ	877,3	527	SupplierStandard	450
104103006270169	30	1 960	Galvanized	zZ	877,3	527	SupplierStandard	450
104103005100169	30	2 160	Bright	sS	955,5	527	SupplierStandard	450
104103004100169	30	2 160	Bright	sZ	955,5	527	SupplierStandard	450
104103006100169	30	2 160	Bright	zZ	955,5	527	SupplierStandard	450
104103005300169	30	2 160	Galvanized	sS	955,5	527	SupplierStandard	450
104103004300169	30	2 160	Galvanized	sZ	955,5	527	SupplierStandard	450
104103006300169	30	2 160	Galvanized	zZ	955,5	527	SupplierStandard	450
104103105070169	31	1 960	Bright	sS	936,8	562	SupplierStandard	481
104103104070169	31	1 960	Bright	sZ	936,8	562	SupplierStandard	481
104103106070169	31	1 960	Bright	zZ	936,8	562	SupplierStandard	481

104103105270169	31	1 960	Galvanized	sS	936,8	562	SupplierStandard	481
104103104270169	31	1 960	Galvanized	sZ	936,8	562	SupplierStandard	481
104103106270169	31	1 960	Galvanized	zZ	936,8	562	SupplierStandard	481
104103105100169	31	2 160	Bright	sS	1 020	562	SupplierStandard	481
104103104100169	31	2 160	Bright	sZ	1 020	562	SupplierStandard	481
104103106100169	31	2 160	Bright	zZ	1 020	562	SupplierStandard	481
104103105300169	31	2 160	Galvanized	sS	1 020	562	SupplierStandard	481
104103104300169	31	2 160	Galvanized	sZ	1 020	562	SupplierStandard	481
104103106300169	31	2 160	Galvanized	zZ	1 020	562	SupplierStandard	481
104103205070169	32	1 960	Bright	sS	998,2	599	SupplierStandard	512
104103204070169	32	1 960	Bright	sZ	998,2	599	SupplierStandard	512
104103206070169	32	1 960	Bright	zZ	998,2	599	SupplierStandard	512
104103205270169	32	1 960	Galvanized	sS	998,2	599	SupplierStandard	512
104103204270169	32	1 960	Galvanized	sZ	998,2	599	SupplierStandard	512
104103206270169	32	1 960	Galvanized	zZ	998,2	599	SupplierStandard	512
104103205100169	32	2 160	Bright	sS	1 087	599	SupplierStandard	512
104103204100169	32	2 160	Bright	sZ	1 087	599	SupplierStandard	512
104103206100169	32	2 160	Bright	zZ	1 087	599	SupplierStandard	512
104103205300169	32	2 160	Galvanized	sS	1 087	599	SupplierStandard	512
104103204300169	32	2 160	Galvanized	sZ	1 087	599	SupplierStandard	512
104103206300169	32	2 160	Galvanized	zZ	1 087	599	SupplierStandard	512
104103305070169	33	1 960	Bright	sS	1 062	637	SupplierStandard	545
104103304070169	33	1 960	Bright	sZ	1 062	637	SupplierStandard	545

104103306070169	33	1 960	Bright	zZ	1 062	637	SupplierStandard	545
104103305270169	33	1 960	Galvanized	sS	1 062	637	SupplierStandard	545
104103304270169	33	1 960	Galvanized	sZ	1 062	637	SupplierStandard	545
104103306270169	33	1 960	Galvanized	zZ	1 062	637	SupplierStandard	545
104103305100169	33	2 160	Bright	sS	1 156	637	SupplierStandard	545
104103304100169	33	2 160	Bright	sZ	1 156	637	SupplierStandard	545
104103306100169	33	2 160	Bright	zZ	1 156	637	SupplierStandard	545
104103305300169	33	2 160	Galvanized	sS	1 156	637	SupplierStandard	545
104103304300169	33	2 160	Galvanized	sZ	1 156	637	SupplierStandard	545
104103306300169	33	2 160	Galvanized	zZ	1 156	637	SupplierStandard	545
104103405070169	34	1 960	Bright	sS	1 127	676	SupplierStandard	578
104103404070169	34	1 960	Bright	sZ	1 127	676	SupplierStandard	578
104103406070169	34	1 960	Bright	zZ	1 127	676	SupplierStandard	578
104103405270169	34	1 960	Galvanized	sS	1 127	676	SupplierStandard	578
104103404270169	34	1 960	Galvanized	sZ	1 127	676	SupplierStandard	578
104103406270169	34	1 960	Galvanized	zZ	1 127	676	SupplierStandard	578
104103405100169	34	2 160	Bright	sS	1 227	676	SupplierStandard	578
104103404100169	34	2 160	Bright	sZ	1 227	676	SupplierStandard	578
104103406100169	34	2 160	Bright	zZ	1 227	676	SupplierStandard	578
104103405300169	34	2 160	Galvanized	sS	1 227	676	SupplierStandard	578
104103404300169	34	2 160	Galvanized	sZ	1 227	676	SupplierStandard	578
104103406300169	34	2 160	Galvanized	zZ	1 227	676	SupplierStandard	578
104103505070169	35	1 960	Bright	sS	1 194	717	SupplierStandard	613

104103504070169	35	1 960	Bright	sZ	1 194	717	SupplierStandard	613
104103506070169	35	1 960	Bright	zZ	1 194	717	SupplierStandard	613
104103505270169	35	1 960	Galvanized	sS	1 194	717	SupplierStandard	613
104103504270169	35	1 960	Galvanized	sZ	1 194	717	SupplierStandard	613
104103506270169	35	1 960	Galvanized	zZ	1 194	717	SupplierStandard	613
104103505100169	35	2 160	Bright	sS	1 301	717	SupplierStandard	613
104103504100169	35	2 160	Bright	sZ	1 301	717	SupplierStandard	613
104103506100169	35	2 160	Bright	zZ	1 301	717	SupplierStandard	613
104103505300169	35	2 160	Galvanized	sS	1 301	717	SupplierStandard	613
104103504300169	35	2 160	Galvanized	sZ	1 301	717	SupplierStandard	613
104103506300169	35	2 160	Galvanized	zZ	1 301	717	SupplierStandard	613
104103605070169	36	1 960	Bright	sS	1 263	758	SupplierStandard	648
104103604070169	36	1 960	Bright	sZ	1 263	758	SupplierStandard	648
104103606070169	36	1 960	Bright	zZ	1 263	758	SupplierStandard	648
104103605270169	36	1 960	Galvanized	sS	1 263	758	SupplierStandard	648
104103604270169	36	1 960	Galvanized	sZ	1 263	758	SupplierStandard	648
104103606270169	36	1 960	Galvanized	zZ	1 263	758	SupplierStandard	648
104103605100169	36	2 160	Bright	sS	1 376	758	SupplierStandard	648
104103604100169	36	2 160	Bright	sZ	1 376	758	SupplierStandard	648
104103606100169	36	2 160	Bright	zZ	1 376	758	SupplierStandard	648
104103605300169	36	2 160	Galvanized	sS	1 376	758	SupplierStandard	648
104103604300169	36	2 160	Galvanized	sZ	1 376	758	SupplierStandard	648
104103606300169	36	2 160	Galvanized	zZ	1 376	758	SupplierStandard	648



104103805070169	38	1 960	Bright	sS	1 408	845	SupplierStandard	722
104103804070169	38	1 960	Bright	sZ	1 408	845	SupplierStandard	722
104103806070169	38	1 960	Bright	zZ	1 408	845	SupplierStandard	722
104103805270169	38	1 960	Galvanized	sS	1 408	845	SupplierStandard	722
104103804270169	38	1 960	Galvanized	sZ	1 408	845	SupplierStandard	722
104103806270169	38	1 960	Galvanized	zZ	1 408	845	SupplierStandard	722
104103805100169	38	2 160	Bright	sS	1 533	845	SupplierStandard	722
104103804100169	38	2 160	Bright	sZ	1 533	845	SupplierStandard	722
104103806100169	38	2 160	Bright	zZ	1 533	845	SupplierStandard	722
104103805300169	38	2 160	Galvanized	sS	1 533	845	SupplierStandard	722
104103804300169	38	2 160	Galvanized	sZ	1 533	845	SupplierStandard	722
104103806300169	38	2 160	Galvanized	zZ	1 533	845	SupplierStandard	722
104104005070169	40	1 960	Bright	sS	1 560	936	SupplierStandard	800
104104004070169	40	1 960	Bright	sZ	1 560	936	SupplierStandard	800
104104006070169	40	1 960	Bright	zZ	1 560	936	SupplierStandard	800
104104005270169	40	1 960	Galvanized	sS	1 560	936	SupplierStandard	800
104104004270169	40	1 960	Galvanized	sZ	1 560	936	SupplierStandard	800
104104006270169	40	1 960	Galvanized	zZ	1 560	936	SupplierStandard	800
104104005100169	40	2 160	Bright	sS	1 699	936	SupplierStandard	800
104104004100169	40	2 160	Bright	sZ	1 699	936	SupplierStandard	800
104104006100169	40	2 160	Bright	zZ	1 699	936	SupplierStandard	800
104104005300169	40	2 160	Galvanized	sS	1 699	936	SupplierStandard	800
104104004300169	40	2 160	Galvanized	sZ	1 699	936	SupplierStandard	800

104104006300169	40	2 160	Galvanized	zZ	1 699	936	SupplierStandard	800
104104135070169	41,3	1 960	Bright	sS	1 663	998	SupplierStandard	853
104104134070169	41,3	1 960	Bright	sZ	1 663	998	SupplierStandard	853
104104136070169	41,3	1 960	Bright	zZ	1 663	998	SupplierStandard	853
104104135270169	41,3	1 960	Galvanized	sS	1 663	998	SupplierStandard	853
104104134270169	41,3	1 960	Galvanized	sZ	1 663	998	SupplierStandard	853
104104136270169	41,3	1 960	Galvanized	zZ	1 663	998	SupplierStandard	853
104104135100169	41,3	2 160	Bright	sS	1 811	998	SupplierStandard	853
104104134100169	41,3	2 160	Bright	sZ	1 811	998	SupplierStandard	853
104104136100169	41,3	2 160	Bright	zZ	1 811	998	SupplierStandard	853
104104135300169	41,3	2 160	Galvanized	sS	1 811	998	SupplierStandard	853
104104134300169	41,3	2 160	Galvanized	sZ	1 811	998	SupplierStandard	853
104104136300169	41,3	2 160	Galvanized	zZ	1 811	998	SupplierStandard	853
104104205070169	42	1 960	Bright	sS	1 720	1 032	SupplierStandard	883
104104204070169	42	1 960	Bright	sZ	1 720	1 032	SupplierStandard	883
104104206070169	42	1 960	Bright	zZ	1 720	1 032	SupplierStandard	883
104104205270169	42	1 960	Galvanized	sS	1 720	1 032	SupplierStandard	883
104104204270169	42	1 960	Galvanized	sZ	1 720	1 032	SupplierStandard	883
104104206270169	42	1 960	Galvanized	zZ	1 720	1 032	SupplierStandard	883
104104205100169	42	2 160	Bright	sS	1 873	1 032	SupplierStandard	883
104104204100169	42	2 160	Bright	sZ	1 873	1 032	SupplierStandard	883
104104206100169	42	2 160	Bright	zZ	1 873	1 032	SupplierStandard	883
104104205300169	42	2 160	Galvanized	sS	1 873	1 032	SupplierStandard	883

104104204300169	42	2 160	Galvanized	sZ	1 873	1 032	SupplierStandard	883
104104206300169	42	2 160	Galvanized	zZ	1 873	1 032	SupplierStandard	883
104104405070169	44	1 960	Bright	sS	1 887	1 133	SupplierStandard	969
104104404070169	44	1 960	Bright	sZ	1 887	1 133	SupplierStandard	969
104104406070169	44	1 960	Bright	zZ	1 887	1 133	SupplierStandard	969
104104405270169	44	1 960	Galvanized	sS	1 887	1 133	SupplierStandard	969
104104404270169	44	1 960	Galvanized	sZ	1 887	1 133	SupplierStandard	969
104104406270169	44	1 960	Galvanized	zZ	1 887	1 133	SupplierStandard	969
104104405100169	44	2 160	Bright	sS	2 055	1 133	SupplierStandard	969
104104404100169	44	2 160	Bright	sZ	2 055	1 133	SupplierStandard	969
104104406100169	44	2 160	Bright	zZ	2 055	1 133	SupplierStandard	969
104104405300169	44	2 160	Galvanized	sS	2 055	1 133	SupplierStandard	969
104104404300169	44	2 160	Galvanized	sZ	2 055	1 133	SupplierStandard	969
104104406300169	44	2 160	Galvanized	zZ	2 055	1 133	SupplierStandard	969
104104505070169	45	1 960	Bright	sS	1 974	1 185	SupplierStandard	1 013
104104504070169	45	1 960	Bright	sZ	1 974	1 185	SupplierStandard	1 013
104104506070169	45	1 960	Bright	zZ	1 974	1 185	SupplierStandard	1 013
104104505270169	45	1 960	Galvanized	sS	1 974	1 185	SupplierStandard	1 013
104104504270169	45	1 960	Galvanized	sZ	1 974	1 185	SupplierStandard	1 013
104104506270169	45	1 960	Galvanized	zZ	1 974	1 185	SupplierStandard	1 013
104104505100169	45	2 160	Bright	sS	2 150	1 185	SupplierStandard	1 013
104104504100169	45	2 160	Bright	sZ	2 150	1 185	SupplierStandard	1 013
104104506100169	45	2 160	Bright	zZ	2 150	1 185	SupplierStandard	1 013

104104505300169	45	2 160	Galvanized	sS	2 150	1 185	SupplierStandard	1 013
104104504300169	45	2 160	Galvanized	sZ	2 150	1 185	SupplierStandard	1 013
104104506300169	45	2 160	Galvanized	zZ	2 150	1 185	SupplierStandard	1 013
104104605070169	46	1 960	Bright	sS	2 063	1 238	SupplierStandard	1 059
104104604070169	46	1 960	Bright	sZ	2 063	1 238	SupplierStandard	1 059
104104606070169	46	1 960	Bright	zZ	2 063	1 238	SupplierStandard	1 059
104104605270169	46	1 960	Galvanized	sS	2 063	1 238	SupplierStandard	1 059
104104604270169	46	1 960	Galvanized	sZ	2 063	1 238	SupplierStandard	1 059
104104606270169	46	1 960	Galvanized	zZ	2 063	1 238	SupplierStandard	1 059
104104605100169	46	2 160	Bright	sS	2 246	1 238	SupplierStandard	1 059
104104604100169	46	2 160	Bright	sZ	2 246	1 238	SupplierStandard	1 059
104104606100169	46	2 160	Bright	zZ	2 246	1 238	SupplierStandard	1 059
104104605300169	46	2 160	Galvanized	sS	2 246	1 238	SupplierStandard	1 059
104104604300169	46	2 160	Galvanized	sZ	2 246	1 238	SupplierStandard	1 059
104104606300169	46	2 160	Galvanized	zZ	2 246	1 238	SupplierStandard	1 059
104104755070169	47,5	1 960	Bright	sS	2 199	1 320	SupplierStandard	1 129
104104754070169	47,5	1 960	Bright	sZ	2 199	1 320	SupplierStandard	1 129
104104756070169	47,5	1 960	Bright	zZ	2 199	1 320	SupplierStandard	1 129
104104755270169	47,5	1 960	Galvanized	sS	2 199	1 320	SupplierStandard	1 129
104104754270169	47,5	1 960	Galvanized	sZ	2 199	1 320	SupplierStandard	1 129
104104756270169	47,5	1 960	Galvanized	zZ	2 199	1 320	SupplierStandard	1 129
104104755100169	47,5	2 160	Bright	sS	2 395	1 320	SupplierStandard	1 129
104104754100169	47,5	2 160	Bright	sZ	2 395	1 320	SupplierStandard	1 129

104104756100169	47,5	2 160	Bright	zZ	2 395	1 320	SupplierStandard	1 129
104104755300169	47,5	2 160	Galvanized	sS	2 395	1 320	SupplierStandard	1 129
104104754300169	47,5	2 160	Galvanized	sZ	2 395	1 320	SupplierStandard	1 129
104104756300169	47,5	2 160	Galvanized	zZ	2 395	1 320	SupplierStandard	1 129
104104805070169	48	1 960	Bright	sS	2 246	1 347	SupplierStandard	1 153
104104804070169	48	1 960	Bright	sZ	2 246	1 347	SupplierStandard	1 153
104104806070169	48	1 960	Bright	zZ	2 246	1 347	SupplierStandard	1 153
104104805270169	48	1 960	Galvanized	sS	2 246	1 347	SupplierStandard	1 153
104104804270169	48	1 960	Galvanized	sZ	2 246	1 347	SupplierStandard	1 153
104104806270169	48	1 960	Galvanized	zZ	2 246	1 347	SupplierStandard	1 153
104104805100169	48	2 160	Bright	sS	2 446	1 347	SupplierStandard	1 153
104104804100169	48	2 160	Bright	sZ	2 446	1 347	SupplierStandard	1 153
104104806100169	48	2 160	Bright	zZ	2 446	1 347	SupplierStandard	1 153
104104805300169	48	2 160	Galvanized	sS	2 446	1 347	SupplierStandard	1 153
104104804300169	48	2 160	Galvanized	sZ	2 446	1 347	SupplierStandard	1 153
104104806300169	48	2 160	Galvanized	zZ	2 446	1 347	SupplierStandard	1 153