

Seamless stainless tubes

Our stainless assortment is used in applications where extra high demands are placed on the tubes. Our tubes are available in the usual stainless grades: EN 1.4301, EN 1.4307, EN 1.4541, EN 1.4404, EN 1.4571 and 316L.

EN 1.4301, EN 1.4307, EN 1.4541

Seamless stainless tubes in fabrication lengths of 5 - 7 m. Type: EN 10216-5 TC 1/TC 2, tolerance according to EN ISO 1127. In bright annealed or annealed/pickled conditions.

PRODUCT INFORMATION

OD	WALL	KG/M
4.00	1.00	0.075
6.00	1.00	0.125
6.00	1.50	0.169
6.00	2.00	0.200
7.00	1.00	0.150
8.00	0.50	0.094
8.00	1.00	0.175
8.00	1.50	0.244
8.00	1.50	0.244
8.00	2.00	0.300
9.00	1.00	0.200
10.00	1.00	0.225
10.00	1.50	0.319
10.00	2.00	0.401
10.00	2.50	0.470
10.20	2.00	0.411
12.00	1.00	0.275
12.00	1.50	0.394
12.00	2.00	0.501
12.00	2.50	0.595
12.00	3.00	0.676
13.00	1.50	0.432
13.00	2.50	0.657
13.50	1.60	0.477
13.50	2.30	0.645

OD	WALL	KG/M
14.00	1.00	0.326
14.00	1.50	0.470
14.00	2.00	0.601
14.00	2.50	0.720
14.00	3.00	0.826
15.00	1.00	0.351
15.00	1.50	0.507
15.00	2.00	0.651
15.00	2.50	0.651
15.00	3.00	0.901
16.00	1.00	0.376
16.00	1.50	0.545
16.00	2.00	0.701
16.00	2.50	0.845
16.00	3.00	0.977
16.00	4.00	1.202
17.20	2.00	0.761
17.20	2.30	0.858
18.00	1.00	0.426
18.00	1.50	0.620
18.00	2.00	0.801
18.00	3.00	1.127
20.00	1.00	0.476
20.00	1.50	0.695
20.00	2.00	0.901

OD	WALL	KG/M
20.00	2.50	1.096
20.00	3.00	1.277
20.00	3.50	1.446
20.00	4.00	1.603
20.00	5.00	1.878
20.00	6.00	2.103
21.30	2.00	0.967
21.30	2.11	1.014
21.30	2.60	1.217
21.30	3.00	1.375
21.30	3.20	1.450
21.34	2.77	1.288
22.00	1.00	0.526
22.00	1.50	0.770
22.00	2.00	1.002
22.00	3.00	1.277
22.00	4.00	1.803
22.00	6.00	2.404
24.00	2.00	1.102
25.00	1.00	0.601
25.00	1.50	0.883
25.00	2.00	1.152
25.00	2.50	1.409
25.00	3.00	1.653
25.00	3.50	1.884
25.00	4.00	2.103
25.00	5.00	2.504
25.00	6.00	2.855
26.67	2.11	1.298
26.67	2.87	1.710
26.67	3.91	2.228
26.90	2.00	1.247
26.90	2.60	1.582
26.90	3.20	1.899
28.00	1.00	0.676
28.00	1.50	0.995
28.00	2.00	1.302
28.00	2.50	1.596
28.00	3.00	1.878
28.00	4.00	2.404
30.00	1.00	0.726
30.00	1.50	1.070
30.00	2.00	1.402
30.00	2.50	1.722
30.00	2.60	1.784
30.00	3.00	2.028
30.00	4.00	2.604
30.00	5.00	3.130
32.00	1.50	1.146

OD	WALL	KG/M
32.00	3.00	2.178
33.40	2.77	2.125
33.40	3.38	2.541
33.40	4.55	3.287
33.70	2.00	1.588
33.70	2.60	2.025
33.70	3.20	2.444
33.70	4.05	3.007
35.00	1.50	1.258
35.00	2.00	1.653
35.00	2.50	2.035
35.00	3.00	2.404
35.00	4.00	3.105
35.00	5.00	3.756
38.00	1.50	1.371
38.00	2.00	1.803
38.00	2.50	2.222
38.00	3.00	2.629
38.00	4.00	3.405
38.00	5.00	4.132
40.00	2.00	1.903
40.00	2.50	2.348
40.00	3.00	2.779
40.00	5.00	4.382
42.00	2.00	2.003
42.00	3.00	2.930
42.16	3.56	3.441
42.16	4.85	4.531
42.40	2.00	2.023
42.40	2.60	2.591
42.40	3.20	3.141
42.40	4.05	3.889
44.50	2.00	2.128
44.50	5.50	5.371
48.26	2.77	3.155
48.26	3.68	4.108
48.26	5.08	5.493
48.30	2.00	2.319
48.30	2.60	2.975
48.30	3.20	3.614
48.30	4.05	4.487
50.00	1.50	1.822
50.00	2.00	2.404
50.00	3.00	3.531
50.00	5.00	5.634
50.00	6.00	6.611
54.00	2.00	2.604
55.00	5.00	6.260
57.00	2.00	2.754

OD	WALL	KG/M
57.00	2.90	3.929
60.00	5.00	6.886
60.30	2.00	2.920
60.30	2.60	3.757
60.30	2.90	4.168
60.30	3.60	5.111
60.30	4.50	6.288
60.33	3.91	5.524
60.33	5.54	7.601
76.10	2.90	5.315
76.10	3.60	6.535
76.10	4.00	7.222
76.10	4.50	8.068
76.10	6.30	11.011
80.00	2.00	3.906
80.00	4.00	7.612
80.00	5.00	9.390
88.90	2.60	5.618
88.90	3.05	6.557
88.90	3.20	6.867
88.90	4.05	8.605
88.90	5.49	11.466

OD	WALL	KG/M
88.90	6.30	13.030
88.90	7.62	15.509
101.60	4.00	9.776
101.60	5.74	13.778
101.60	8.08	18.921
108.00	4.00	10.417
108.00	6.30	16.043
114.30	3.05	8.496
114.30	3.60	9.979
114.30	6.02	16.322
114.30	7.10	19.058
114.30	8.56	22.665
133.00	6.30	19.987
139.70	4.00	13.592
159.00	4.50	17.409
159.00	6.30	24.089
168.30	3.40	14.039
168.30	4.50	18.457
168.30	5.00	20.445
168.30	7.11	28.697
168.30	10.97	43.217

EN 1.4541

Seamless stainless tubes in fabrication lengths of 5 - 7 m. Type: EN 10216-5 TC 1/TC 2, tolerance according to EN ISO 1127. In bright annealed or annealed/pickled conditions.

PRODUCT INFORMATION

OD	WALL	KG/M
6.00	1.00	0.125
6.00	1.50	0.169
7.00	1.00	0.150
8.00	1.00	0.175
8.00	1.50	0.244
8.00	2.00	0.300
10.00	1.00	0.225
10.00	1.50	0.319
7.00	1.00	0.150
8.00	1.00	0.175
8.00	1.50	0.244
8.00	2.00	0.300
10.00	1.00	0.225
12.00	1.00	0.275
12.00	1.50	0.394
12.00	2.00	0.501
12.00	2.50	0.595

OD	WALL	KG/M
12.00	3.00	0.676
12.00	3.00	0.676
12.00	3.00	0.676
12.00	3.00	0.676
13.50	2.30	0.645
13.50	2.60	0.710
13.50	2.90	0.770
14.00	1.50	0.470
14.00	2.00	0.601
14.00	2.50	0.720
14.00	3.00	0.826
15.00	1.00	0.351
15.00	1.50	0.507
15.00	2.00	0.651
15.00	2.50	0.783
15.00	3.00	0.901
16.00	1.00	0.376

OD	WALL	KG/M
16.00	1.50	0.545
16.00	2.00	0.701
16.00	2.50	0.845
16.00	3.00	0.977
16.00	4.00	1.202
17.20	1.60	0.625
17.20	2.00	0.761
17.20	2.30	0.858
17.20	2.90	1.038
17.20	3.20	1.122
18.00	1.00	0.426
18.00	1.50	0.620
18.00	2.00	0.801
18.00	3.00	1.127
18.00	4.00	1.402
20.00	1.00	0.476
20.00	1.50	0.695
20.00	2.00	0.901
20.00	2.50	1.096
20.00	3.00	1.277
20.00	3.50	1.446
20.00	4.00	1.603
20.00	5.00	1.878
21.30	1.60	0.789
21.30	2.00	0.967
21.30	2.60	1.217
21.30	2.90	1.336
21.30	3.20	1.450
21.34	2.11	1.016
21.34	2.77	1.288
21.34	3.73	1.645
21.34	4.78	1.982
22.00	1.00	0.526
22.00	1.50	0.770
22.00	2.00	1.002
22.00	2.50	1.221
22.00	3.00	1.427
22.00	4.00	1.803
24.00	1.50	0.845
25.00	1.00	0.601
25.00	1.50	0.883
25.00	2.00	1.152
25.00	2.50	1.409
25.00	3.00	1.653
25.00	4.00	2.103
25.00	5.00	2.504
26.67	3.91	2.228
26.67	5.54	2.931
26.90	1.60	1.014

OD	WALL	KG/M
26.90	2.00	1.247
26.90	2.30	1.417
26.90	2.60	1.582
26.90	2.90	1.743
26.90	3.20	1.899
26.90	4.00	2.294
28.00	1.50	0.995
28.00	2.00	1.302
28.00	2.50	1.596
28.00	3.00	1.878
28.00	4.00	2.404
28.00	5.00	2.880
30.00	1.50	1.070
30.00	2.00	1.402
30.00	2.50	1.722
30.00	3.00	2.028
30.00	4.00	2.604
30.00	5.00	3.130
32.00	2.00	1.502
32.00	3.00	2.178
33.40	2.77	2.125
33.40	3.38	2.541
33.40	4.55	3.287
33.40	6.35	4.301
33.70	2.00	1.588
33.70	2.60	2.025
33.70	2.90	2.237
33.70	3.20	2.444
33.70	3.60	2.713
33.70	4.05	3.007
35.00	1.50	1.258
35.00	2.00	1.653
35.00	2.50	2.035
35.00	3.00	2.404
35.00	4.00	3.105
35.00	5.00	3.756
36.00	2.00	1.703
38.00	1.50	1.371
38.00	2.00	1.803
38.00	2.50	2.222
38.00	3.00	2.629
38.00	3.60	3.101
38.00	4.00	3.405
38.00	5.00	4.132
40.00	2.00	1.903
40.00	2.50	2.348
40.00	4.00	3.606
40.00	5.00	4.382
42.00	2.00	2.003

OD	WALL	KG/M
42.00	3.00	2.930
42.00	6.00	5.409
42.16	4.85	4.531
42.16	6.35	5.694
42.40	2.00	2.023
42.40	2.60	2.591
42.40	3.20	3.141
42.40	3.60	3.498
42.40	4.05	3.889
44.50	2.00	2.128
44.50	2.50	2.629
44.50	2.90	3.021
44.50	4.00	4.056
48.26	3.68	4.108
48.26	7.14	7.352
48.30	2.00	2.319
48.30	2.30	2.649
48.30	2.60	2.975
48.30	3.20	3.614
48.30	3.60	4.029
48.30	4.05	4.487
48.30	5.08	5.498
48.30	6.30	6.626
48.30	8.00	8.073
50.00	2.00	2.404
50.00	4.00	4.607
50.00	5.00	5.634
50.00	6.00	6.611
51.00	2.60	3.151
51.00	4.00	4.708
54.00	2.00	2.604
55.00	5.00	6.260
57.00	2.00	2.754
57.00	2.50	3.412
57.00	2.90	3.929
57.00	3.50	4.689
57.00	4.00	5.308
57.00	6.50	8.219
60.30	2.00	2.920
60.30	2.60	3.757
60.30	2.90	4.168
60.30	3.25	4.643
60.30	3.60	5.111
60.30	4.00	5.639
60.30	4.50	6.288
60.30	5.00	6.924
60.30	6.30	8.519
60.30	7.10	9.458
60.30	8.00	10.477

OD	WALL	KG/M
60.30	10.00	12.595
60.33	5.54	7.601
60.33	8.74	11.290
63.50	2.50	3.819
76.10	2.00	3.711
76.10	2.30	4.250
76.10	2.60	4.785
76.10	2.90	5.315
76.10	3.20	5.841
76.10	3.60	6.535
76.10	4.00	7.222
76.10	4.50	8.068
76.10	5.00	8.902
76.10	6.30	11.011
76.10	8.00	13.642
76.10	10.00	16.551
76.10	12.50	19.907
80.00	4.00	7.612
80.00	5.00	9.390
82.50	3.60	7.112
88.90	2.00	4.352
88.90	2.30	4.987
88.90	2.60	5.618
88.90	2.90	6.245
88.90	3.20	6.867
88.90	3.60	7.689
88.90	4.05	8.605
88.90	4.50	9.510
88.90	5.00	10.504
88.90	5.49	11.466
88.90	6.30	13.030
88.90	7.62	15.509
88.90	11.00	21.457
88.90	14.20	26.561
97.00	4.00	9.315
101.60	4.00	9.776
101.60	5.74	13.778
108.00	3.00	7.888
108.00	4.00	10.417
108.00	6.30	16.043
114.30	2.60	7.272
114.30	3.60	9.979
114.30	4.00	11.048
114.30	4.50	12.372
114.30	5.40	14.725
114.30	6.02	16.322
114.30	6.30	17.037
114.30	7.10	19.058
114.30	8.56	22.665

OD	WALL	KG/M
114.30	14.20	35.592
114.30	20.00	47.225
121.00	4.00	11.719
127.00	4.00	12.320
133.00	4.00	12.921
133.00	6.30	19.987
139.70	4.00	13.592
139.70	5.00	16.864
139.70	6.30	21.044
139.70	7.10	23.574

OD	WALL	KG/M
159.00	4.50	17.409
159.00	6.30	24.089
168.30	4.50	18.457
168.30	5.00	20.445
168.30	5.60	22.814
168.30	7.11	28.697
168.30	10.97	43.217
219.10	6.30	33.570
219.10	8.18	43.202
219.10	12.70	65.637

EN 1.4404

Seamless stainless tubes in fabrication lengths of 5 - 7 m. Type: EN 10216-5 TC 1/TC 2, tolerance according to EN ISO 1127. In bright annealed or annealed/pickled conditions.

PRODUCT INFORMATION

OD	WALL	KG/M
6.00	1.00	0.125
8.00	1.00	0.175
8.00	1.50	0.244
8.00	1.50	0.244
10.00	1.00	0.225
10.00	1.00	0.225
10.00	1.50	0.319
12.00	1.00	0.275
12.00	1.00	0.275
12.00	1.50	0.394
12.00	2.00	0.501
12.70	1.65	0.457
13.70	2.24	0.650
14.00	2.00	0.601
15.00	1.50	0.507
16.00	2.00	0.701
17.15	3.20	1.120
18.00	1.50	0.620
18.00	2.00	0.801
20.00	2.00	0.901
21.30	2.10	1.016
21.30	2.80	1.288
21.30	3.70	1.645
21.30	4.80	1.982
21.33	3.73	1.648
21.34	2.11	1.016
21.34	2.77	1.288
21.34	3.73	1.648
22.00	2.00	1.002

OD	WALL	KG/M
25.00	2.00	1.152
25.00	2.00	1.152
26.67	2.87	1.710
26.67	3.91	2.228
26.70	2.10	1.298
26.70	2.90	1.710
26.70	3.90	2.228
26.70	5.60	2.939
28.00	2.50	1.596
30.00	3.00	2.028
33.40	2.77	2.125
33.40	3.38	2.541
33.40	4.55	3.287
33.40	6.35	4.301
38.00	4.00	3.405
42.00	3.00	2.930
42.16	2.77	2.732
42.16	3.56	3.441
42.16	4.85	4.531
48.26	2.77	3.155
48.26	3.68	4.108
48.26	7.14	7.352
48.30	2.80	3.155
48.30	3.70	4.108
48.30	5.08	5.498
60.30	2.80	3.992
60.30	3.90	5.524
60.30	5.50	7.601
60.33	2.77	3.992

OD	WALL	KG/M
60.33	3.91	5.524
60.33	5.54	7.601
88.90	3.05	6.557
88.90	3.10	6.557
88.90	5.49	11.466
88.90	7.62	15.509
101.60	5.74	13.778
114.30	3.05	8.496

OD	WALL	KG/M
114.30	3.10	8.496
114.30	8.56	22.665
114.30	13.49	34.053
168.30	3.40	14.037
168.30	7.11	28.697
168.30	10.97	43.217
219.10	8.18	43.202

EN 1.4571

Seamless stainless tubes in fabrication lengths of 5 - 7 m. Type: EN 10216-5 TC 1/TC 2, tolerance according to EN ISO 1127. In bright annealed or annealed/pickled conditions.

PRODUCT INFORMATION

OD	WALL	KG/M
6.00	1.00	0.125
6.00	1.50	0.169
6.00	2.00	0.200
7.00	1.00	0.150
8.00	0.50	0.094
8.00	1.00	0.175
8.00	1.50	0.244
8.00	2.00	0.300
9.00	1.00	0.200
10.00	0.50	0.119
10.00	1.50	0.319
10.00	2.00	0.401
10.00	2.50	0.470
10.20	2.00	0.411
11.00	1.00	0.250
11.00	1.50	0.357
12.00	0.50	0.144
12.00	1.00	0.275
12.00	1.50	0.394
12.00	2.00	0.501
12.00	2.50	0.595
12.00	3.00	0.676
13.00	1.00	0.300
13.00	1.50	0.432
13.00	2.50	0.657
13.50	1.60	0.477
13.50	2.30	0.645
13.50	2.60	0.710
14.00	1.00	0.326
14.00	1.50	0.470
14.00	2.00	0.601

OD	WALL	KG/M
14.00	2.50	0.720
14.00	3.00	0.826
15.00	1.00	0.351
15.00	1.50	0.507
15.00	2.00	0.651
15.00	3.00	0.901
16.00	1.00	0.376
16.00	1.50	0.545
16.00	2.00	0.701
16.00	2.50	0.845
16.00	3.00	0.977
16.00	3.50	1.096
16.00	4.00	1.202
17.20	1.60	0.625
17.20	2.00	0.761
17.20	2.30	0.858
17.20	2.90	1.038
17.20	3.60	1.226
18.00	1.00	0.426
18.00	1.50	0.620
18.00	2.00	0.801
18.00	2.50	0.970
18.00	3.00	1.127
18.00	4.00	1.402
20.00	1.00	0.476
20.00	1.50	0.695
20.00	2.00	0.901
20.00	2.50	1.096
20.00	3.00	1.277
20.00	3.50	1.446
20.00	4.00	1.603

OD	WALL	KG/M
20.00	5.00	1.878
21.30	1.60	0.789
21.30	2.00	0.967
21.30	2.60	1.217
21.30	2.90	1.336
21.30	3.20	1.450
21.34	3.73	1.645
21.34	4.78	1.982
22.00	1.00	0.526
22.00	1.50	0.770
22.00	2.00	1.002
22.00	2.50	1.221
22.00	3.00	1.427
22.00	4.00	1.803
23.00	1.50	0.808
24.00	3.00	1.578
24.00	4.00	2.003
25.00	1.00	0.601
25.00	1.50	0.883
25.00	2.00	1.152
25.00	2.50	1.409
25.00	3.00	1.653
25.00	4.00	2.103
25.00	5.00	2.504
26.67	3.91	2.228
26.67	5.54	2.931
26.90	1.60	1.014
26.90	2.00	1.247
26.90	2.30	1.417
26.90	2.60	1.582
26.90	2.90	1.743
26.90	3.20	1.899
28.00	1.50	0.995
28.00	2.00	1.302
28.00	2.50	1.596
28.00	3.00	1.878
28.00	4.00	2.404
28.00	5.00	2.880
30.00	1.50	1.070
30.00	2.00	1.402
30.00	2.50	1.722
30.00	3.00	2.028
30.00	4.00	2.604
30.00	5.00	3.130
32.00	2.00	1.502
32.00	3.00	2.178
33.40	2.77	2.125
33.40	3.38	2.541
33.40	4.55	3.287

OD	WALL	KG/M
33.40	6.35	4.301
33.70	2.00	1.588
33.70	2.60	2.025
33.70	2.90	2.237
33.70	3.20	2.444
33.70	3.60	2.713
33.70	4.05	3.007
33.70	5.00	3.593
34.00	2.00	1.603
35.00	1.50	1.258
35.00	2.00	1.653
35.00	2.50	2.035
35.00	3.00	2.404
35.00	4.00	3.105
35.00	5.00	3.756
36.00	2.00	1.703
38.00	1.50	1.371
38.00	2.00	1.803
38.00	2.50	2.222
38.00	2.60	2.305
38.00	3.00	2.629
38.00	3.60	3.101
38.00	4.00	3.405
38.00	5.00	4.132
38.00	6.00	4.808
40.00	2.00	1.903
40.00	2.50	2.348
40.00	3.00	2.779
40.00	4.00	3.606
40.00	5.00	4.382
42.00	2.00	2.003
42.00	3.00	2.930
42.16	4.85	4.531
42.16	6.35	5.694
42.40	2.00	2.023
42.40	2.60	2.591
42.40	3.20	3.141
42.40	3.60	3.498
42.40	4.05	3.889
44.50	2.00	2.128
44.50	2.50	2.629
44.50	2.90	3.021
44.50	4.00	4.056
48.26	3.68	4.108
48.26	7.14	7.352
48.30	2.00	2.319
48.30	2.30	2.649
48.30	2.60	2.975
48.30	2.90	3.297

OD	WALL	KG/M
48.30	3.20	3.614
48.30	3.60	4.029
48.30	4.05	4.487
48.30	5.08	5.498
48.30	6.30	6.626
48.30	8.00	8.073
50.00	3.00	3.531
50.00	4.00	4.607
50.00	5.00	5.634
50.00	6.00	6.611
51.00	2.60	3.151
51.00	4.00	4.708
54.00	2.00	2.604
55.00	5.00	6.260
57.00	2.00	2.754
57.00	2.90	3.929
57.00	3.50	4.689
57.00	4.00	5.308
57.00	6.50	8.219
60.00	5.00	6.886
60.30	2.00	2.920
60.30	2.60	3.757
60.30	2.90	4.168
60.30	3.20	4.575
60.30	3.60	5.111
60.30	4.00	5.639
60.30	4.50	6.288
60.30	5.00	6.924
60.30	6.30	8.519
60.30	7.10	9.458
60.30	8.00	10.477
60.30	10.00	12.595
60.33	5.54	7.601
60.33	8.74	11.290
76.10	2.00	3.711
76.10	2.30	4.250
76.10	2.60	4.785
76.10	2.90	5.315
76.10	3.20	5.841
76.10	3.60	6.535
76.10	4.00	7.222
76.10	4.50	8.068
76.10	5.00	8.902
76.10	6.30	11.011
76.10	7.10	12.267
76.10	8.00	13.642
76.10	10.00	16.551
76.10	12.50	19.907
80.00	2.00	3.906

OD	WALL	KG/M
80.00	5.00	9.390
88.90	2.00	4.352
88.90	2.30	4.987
88.90	2.60	5.618
88.90	2.90	6.245
88.90	3.20	6.867
88.90	3.60	7.689
88.90	4.05	8.605
88.90	4.50	9.510
88.90	5.00	10.504
88.90	5.49	11.466
88.90	6.30	13.030
88.90	7.62	15.509
88.90	11.00	21.457
88.90	11.13	21.674
88.90	14.20	26.561
101.60	3.60	8.834
101.60	4.00	9.776
101.60	5.00	12.094
101.60	5.74	13.778
108.00	3.00	7.888
108.00	4.00	10.417
108.00	5.00	12.896
108.00	6.30	16.043
114.30	2.60	7.272
114.30	2.90	8.089
114.30	3.05	8.496
114.30	3.20	8.902
114.30	3.60	9.979
114.30	4.00	11.048
114.30	4.50	12.372
114.30	5.40	14.725
114.30	6.02	16.322
114.30	6.30	17.037
114.30	7.10	19.058
114.30	8.56	22.665
114.30	14.20	35.592
114.30	20.00	47.225
121.00	4.00	11.719
127.00	4.00	12.320
133.00	4.00	12.921
133.00	6.30	19.987
139.70	4.00	13.592
139.70	5.00	16.864
139.70	6.30	21.044
139.70	7.10	23.574
141.30	6.55	22.101
159.00	4.50	17.409
159.00	6.30	24.089

OD	WALL	KG/M
168.30	4.50	18.457
168.30	5.00	20.445
168.30	5.60	22.814
168.30	7.11	28.697

OD	WALL	KG/M
168.30	10.97	43.217
219.10	6.30	33.570
219.10	8.18	43.202
219.10	12.70	65.637

ASTM A312/TP316L

Seamless stainless pipes in accordance with ANSI B 36.19, steel type ASTM A312 TP316L, in fabrication lengths 4 – 8 m, marked with charge number. Certificate in accordance with EN 10204/3.1.

PRODUCT INFORMATION

DIMENSION (MM)	DIMENSION (INCHES)	KG/M
RSÖ13.7 x 2.24	1/4" sch40s	0.65
RSÖ17.1 x 3.20	3/8" sch80s	1.12
RSÖ21.30 X 2.11	1/2" sch10s	1.02
RSÖ21.34 x 2.77	1/2" sch40s	1.29
RSÖ21.34 x 3.73	1/2" sch80s	1.65
RSÖ21.34 x 4.78	1/2" sch160	1.98
RSÖ26.67 x 2.11	3/4" sch10s	1.30
RSÖ26.67 x 2.87	3/4" sch40s	1.71
RSÖ26.67 x 3.91	3/4" sch80s	2.23
RSÖ26.67 x 5.56	3/4" sch160	2.94
RSÖ33.40 x 2.77	1" sch10s	2.13
RSÖ33.40 x 3.38	1" sch40s	2.54
RSÖ33.40 x 4.55	1" sch80s	3.29

DIMENSION (MM)	DIMENSION (INCHES)	KG/M
RSÖ48.26 x 2.77	1.1/2" sch10s	3.16
RSÖ48.26 x3.68	1.1/2" sch40s	4.11
RSÖ48.26 x 5.08	1.1/2" sch80s	5.49
RSÖ60.33 x 2.77	2" sch10s	3.99
RSÖ60.33 x 3.91	2" sch40s	5.52
RSÖ60.33 x 5.54	2" sch80s	7.60
RSÖ88.90 X 3.05	3" sch10s	6.56
RSÖ88.90 x 5.49	3" sch40s	11.47
RSÖ114.30 x 3.05	4" sch10s	8.50
RSÖ114.30 x 6.02	4" sch40s	16.32
RSÖ168.28 x 3.40	6" sch10s	14.04
RSÖ168.28 x 7.11	6" sch40s	28.69

SEAMLESS ROUND TUBES IN ACCORDANCE WITH EN

Manufacturing norms: EN 10216-5 TC 1 or TC 2

Delivery condition: Heat treated

Quality: EN 1.4301, EN 1.4307, EN 1.4541, EN 1.4404, EN 1.4571

Other qualities available on request

Tolerances: According to applicable norm

Certificate: EN 10204/3.1

SEAMLESS PIPES IN ACCORDANCE WITH ASTM

Manufacturing norms: ASTM A 213, 249, 269, 312, 358, etc.

Quality: TP 304/304L, TP 316/316L

Other qualities available on request

Tolerances: According to applicable norm

Certificate: EN 10204/3.1

CERTIFICATE, TESTING, MARKING

Agreements concerning certificate types as well as testing and marking to be made when ordering.

PACKAGING

Unless otherwise agreed, tubes is packaged in an adequate manner for material and labour costs only. Alternative packaging must be agreed when ordering. The following alternatives are available as standard.

- Bundled
- Holmenflex
- Wooden racks
- Wooden crates
- Plastic coated

DELIVERY CONDITION

Tubes can be delivered in the following conditions:

- Annealed and pickled
- Bright annealed

TOLERANCE TABLE IN ACCORDANCE WITH EN - ISO 1127

OD	TOL. CLASS OD	PERMITTED DEVIATION OD	TOL. CLASS WALL	PERMITTED DEVIATION WALL
For seamless tubes independent of OD and for welded tubes with OD < 168.3 mm	D2	+/-1.0% (min+/-0.5 mm)	T3	+/-10% (min+0.2 mm)
	D3	+/-0.75% (min+/-0.3 mm)		
	D4	+/-0.5% (min+/-0.1 mm)	T4	+/-7.5% (min+0.15 mm)
For welded tubes with OD ≥ 168.3 mm		+/-1.0% (max+/-3.0 mm)	T3	+/-10% (min+0.2 mm)

STRAIGHTNESS FOR SEAMLESS TUBES

OD MM	PERMITTED STRAIGHTNESS DEVIATION
$Y_d \leq 17.2$	
$17.2 \leq Y_d \leq 114.3$	2.0 mm: 1000 mm
$Y_d \leq 114.3$	2.5 mm: 1000 mm
For welded tubes with OD ≥ 168.3 mm	

CHEMICAL PROPERTIES

STEEL TYPES EN	ASTM	C%	N%	Cr%	Ni%	Mo%	OTHER	EN	
1.4512	409	0.02	-	12.00	-	-	Ti	1.4512	Ferritic
1.4003	S41050	0.02	-	11.50	0.40	-	-	1.4003	
1.4000	410S	0.04	-	12.00	-	-	-	1.4000	
1.4016	430	0.04	-	16.50	-	-	-	1.4016	
1.4021	S42010	0.20	-	13.00	-	-	-	1.4021	Mart.
1.4028	420	0.30	-	12.50	-	-	-	1.4028	
1.4418	-	0.03	0.04	16.00	5.00	1.0	-	1.4418	
1.4362	S32304	0.02	0.10	23.00	4.50	-	-	1.4362	
1.4462	S31803	0.02	0.17	22.00	5.50	3.0	-	1.4462	Duplex
1.4410	S32750	0.02	0.27	25.00	7.00	4.0	-	-	Austenitic
1.4372	201	0.05	0.15	17.00	5.00	-	Mn	-	Austenitic
1.4310	301	0.10	0.04	17.00	7.00	-	-	1.4310	Austenitic
1.4307	304L	0.02	0.06	18.30	9.20	-	-	-	Austenitic
1.4301	304	0.04	0.06	18.30	8.70	-	-	1.4301	Austenitic
1.4311	304LN	0.02	0.14	18.30	8.70	-	-	1.4311	Austenitic
1.4541	321	0.04	0.01	17.30	9.20	-	Ti	1.4541	Austenitic
1.4305	303	0.07	0.06	18.00	8.50	-	S	1.4305	Austenitic
1.4567	S30430	0.01	0.02	18.00	9.00	-	Cu	1.4567	Austenitic
1.4306	304L	0.02	0.06	18.30	10.20	-	-	1.4306	Austenitic
1.4303	305	0.02	0.02	18.00	11.50	-	-	1.4303	Austenitic
1.4404	316L	0.02	0.06	17.30	11.00	2.2	-	1.4404	Austenitic
1.4401	316	0.04	0.04	16.80	10.70	2.2	-	1.4401	Austenitic
1.4406	316LN	0.02	0.14	17.50	11.00	2.2	-	1.4406	Austenitic
1.4571	316Ti	0.04	0.01	17.00	11.00	2.2	Ti	1.4571	Austenitic
1.4432	316L	0.02	0.06	17.00	11.70	2.7	-	-	Austenitic
1.4436	316	0.04	0.06	17.00	11.00	2.7	-	1.4436	Austenitic
1.4435	316L	0.02	0.06	17.30	12.70	2.7	-	1.4435	Austenitic
1.4438	317L	0.02	0.08	18.30	12.20	3.2	-	1.4438	Austenitic
1.4434	317LN	0.02	0.12	17.00	11.00	3.2	-	-	Austenitic
1.4439	S31726	0.02	0.14	17.30	12.70	4.2	-	-	Austenitic
1.4539	NO8904	0.01	0.06	20.00	25.00	4.5	Cu	-	Austenitic
1.4547	S31254	0.01	0.20	20.00	18.00	6.1	Cu	-	Austenitic
1.4652	S32654	0.01	0.50	24.00	22.00	7.3	Mn, Cu	-	Austenitic
1.4948	304H	0.05	0.06	18.30	8.70	-	-	1.4948	Austenitic
1.4878	321H	0.05	0.01	17.30	9.20	-	Ti	1.4878	Austenitic
1.4818	S30415	0.05	0.15	18.50	9.50	-	Si, Ce	-	Austenitic
1.4833	309S	0.06	0.08	22.50	12.50	-	-	1.4833	Austenitic
1.4828	-	0.04	0.04	20.00	12.00	-	Si	1.4828	Austenitic
1.4835	S30815	0.09	0.17	21.00	11.00	-	Si, Ce	-	Austenitic
1.4845	310S	0.05	0.06	25.00	20.00	-	-	1.4845	Austenitic
1.4854	S35315	0.05	0.15	25.00	35.00	-	Si, Ce	-	Austenitic
1.4439	S31726	0.02		17.3					