

Welded stainless line pipes

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 EN 1.4432.

EN 1.4301, EN 1.4307, EN 1.4541

Welded stainless process tubes and dairy tubes, tolerance according to EN-ISO 1127, welding factor Z = 1.0 in fabrication lengths of 6000 mm -0/+100 mm. Delivered in annealed or not annealed version, or as below.

Dairy tubes EN 10357

- CCM: not annealed, pickled
- BC: annealed
- CD : not annealed, ground
- BD : annealed, ground
- K240, K320, K400, K600: state grain size for any grinding

PRODUCT INFORMATION

OD	WALL	KG/M	NORM	TYPE
6.00	1.00	0.125	EN 10217-7 TC1	annealed
8.00	1.00	0.175	EN 10217-7 TC1	annealed
8.00	1.50	0.244	EN 10217-7 TC1	annealed
10.00	1.00	0.225	EN 10217-7 TC1	annealed
10.00	1.50	0.319	EN 10217-7 TC1	annealed
12.00	1.00	0.275	EN 10217-7 TC1	annealed
12.00	1.00	0.275	EN 10217-7 TC2	annealed
12.00	1.50	0.394	EN 10357	CDK400
12.00	1.50	0.394	EN 10217-7 TC1	annealed
12.00	2.00	0.501	EN 10217-7 TC1	annealed
14.00	1.00	0.326	EN 10217-7 TC2	annealed
14.00	1.50	0.470	EN 10217-7 TC1	annealed
14.00	2.00	0.601	EN 10217-7 TC1	annealed
15.00	1.00	0.351	EN 10217-7 TC1	annealed
15.00	1.50	0.507	EN 10217-7 TC1	annealed
15.00	2.00	0.651	EN 10217-7 TC1	annealed

OD	WALL	KG/M	NORM	TYPE
16.00	1.00	0.376	EN 10217-7 TC1	not annealed
16.00	1.00	0.376	EN 10217-7 TC1	annealed
16.00	1.50	0.545	EN 10217-7 TC1	annealed
16.00	2.00	0.701	EN 10217-7 TC1	annealed
17.20	1.60	0.625	EN 10217-7 TC1	annealed
17.20	2.00	0.761	EN 10217-7 TC1	annealed
17.20	2.30	0.858	EN 10217-7 TC1	annealed
18.00	1.00	0.426	EN 10357	BC
18.00	1.00	0.426	EN 10357	CDK400
18.00	1.00	0.426	EN 10217-7 TC1	not annealed
18.00	1.00	0.426	EN 10217-7 TC1	annealed
18.00	1.00	0.426	EN 10217-7 TC2	annealed
18.00	1.50	0.620	EN 10357	CC m
18.00	1.50	0.620	EN 10357	CDK400
18.00	1.50	0.620	EN 10217-7 TC1	annealed

OD	WALL	KG/M	NORM	TYPE
18.00	1.50	0.620	EN 10217-7 TC2	annealed
18.00	2.00	0.801	EN 10217-7 TC1	annealed
19.00	1.50	0.657	EN 10357	BC
19.00	1.50	0.657	EN 10357	CC m
19.00	1.50	0.657	EN 10217-7 TC1	not annealed
20.00	1.00	0.476	EN 10217-7 TC1	not annealed
20.00	1.00	0.476	EN 10217-7 TC1	annealed
20.00	1.50	0.695	EN 10217-7 TC1	not annealed
20.00	1.50	0.695	EN 10217-7 TC1	annealed
20.00	2.00	0.901	EN 10217-7 TC1	not annealed
20.00	2.00	0.901	EN 10217-7 TC1	annealed
20.00	2.00	0.901	EN 10217-7 TC2	annealed
21.30	1.60	0.789	EN 10217-7 TC1	not annealed
21.30	2.00	0.967	EN 10217-7 TC1	not annealed
21.30	2.00	0.967	EN 10217-7 TC2	annealed
21.30	2.60	1.217	EN 10217-7 TC1	not annealed
21.30	2.60	1.217	EN 10217-7 TC1	annealed
21.30	2.65	1.238	EN 10217-7 TC1	annealed
22.00	1.00	0.526	EN 10357	BC
22.00	1.00	0.526	EN 10357	CC m
22.00	1.00	0.526	EN 10357	CDK400
22.00	1.50	0.770	EN 10357	BC
22.00	1.50	0.770	EN 10357	CC m
22.00	1.50	0.770	EN 10357	CDK400
22.00	1.50	0.770	EN 10217-7 TC1	annealed
22.00	2.00	1.002	EN 10217-7 TC1	annealed
23.00	1.50	0.808	EN 10357	CC m
23.00	1.50	0.808	EN 10357	CDK400
25.00	1.00	0.601	EN 10217-7 TC1	annealed
25.00	1.00	0.601	EN 10217-7 TC2	annealed
25.00	1.25	0.743	EN 10217-7 TC1	annealed
25.00	1.50	0.883	EN 10217-7 TC1	not annealed
25.00	1.50	0.883	EN 10217-7 TC1	annealed
25.00	1.50	0.883	EN 10217-7 TC2	annealed
25.00	2.00	1.152	EN 10217-7 TC1	not annealed
25.00	2.00	1.152	EN 10217-7 TC1	annealed
25.00	2.00	1.152	EN 10217-7 TC2	annealed
25.00	2.50	1.409	EN 10217-7 TC1	annealed
25.00	3.00	1.653	EN 10217-7 TC1	annealed
25.40	1.25	0.756	EN 10357	BC
25.40	1.50	0.898	EN 10357	BC
26.90	1.60	1.014	EN 10217-7 TC1	not annealed
26.90	2.00	1.247	EN 10217-7 TC1	not annealed
26.90	2.00	1.247	EN 10217-7 TC1	ann. K320
26.90	2.00	1.247	EN 10217-7 TC2	annealed
26.90	2.60	1.582	EN 10217-7 TC1	not annealed
26.90	2.60	1.582	EN 10217-7 TC1	annealed
26.90	2.65	1.609	EN 10217-7 TC1	not annealed
28.00	1.00	0.676	EN 10357	BC

OD	WALL	KG/M	NORM	TYPE
28.00	1.00	0.676	EN 10357	CC m
28.00	1.00	0.676	EN 10357	CDK400
28.00	1.50	0.995	EN 10357	BC
28.00	1.50	0.995	EN 10357	CC m
28.00	1.50	0.995	EN 10357	CDK400
28.00	1.50	0.995	EN 10217-7 TC1	annealed
28.00	2.00	1.302	EN 10217-7 TC1	annealed
29.00	1.50	1.033	EN 10357	BC
29.00	1.50	1.033	EN 10357	CC m
30.00	1.00	0.726	EN 10217-7 TC1	annealed
30.00	1.50	1.070	EN 10217-7 TC1	annealed
30.00	2.00	1.402	EN 10357	BC
30.00	2.00	1.402	EN 10217-7 TC1	not annealed
30.00	2.00	1.402	EN 10217-7 TC1	ann. K320
30.00	2.00	1.402	EN 10217-7 TC2	annealed
30.00	2.50	1.722	EN 10217-7 TC1	annealed
31.80	1.25	0.956	EN 10357	BC
32.00	1.50	1.146	EN 10217-7 TC1	annealed
32.00	1.50	1.146	EN 10217-7 TC1	annealed
32.00	2.00	1.502	EN 10217-7 TC1	annealed
33.70	1.60	1.286	EN 10217-7 TC1	not annealed
33.70	2.00	1.588	EN 10217-7 TC1	not annealed
33.70	2.00	1.588	EN 10217-7 TC1	ann. K320
33.70	2.00	1.588	EN 10217-7 TC2	annealed
33.70	2.60	2.025	EN 10217-7 TC1	not annealed
33.70	2.60	2.025	EN 10217-7 TC1	ann.K320
33.70	2.60	2.025	EN 10217-7 TC2	annealed
33.70	3.20	2.444	EN 10217-7 TC1	not annealed
33.70	3.20	2.444	EN 10217-7 TC1	annealed
34.00	1.00	0.826	EN 10357	BC
34.00	1.00	0.826	EN 10357	CC m
34.00	1.00	0.826	EN 10357	CDK400
34.00	1.50	1.221	EN 10357	BC
34.00	1.50	1.221	EN 10357	BDK400
34.00	1.50	1.221	EN 10357	CC m
35.00	1.50	1.258	EN 10357	BC
35.00	1.50	1.258	EN 10357	CC m
35.00	1.50	1.258	EN 10217-7 TC1	annealed
35.00	2.00	1.653	EN 10217-7 TC1	annealed
38.00	1.50	1.371	EN 10217-7 TC1	not annealed
38.00	1.50	1.371	EN 10217-7 TC1	annealed
38.00	2.00	1.803	EN 10217-7 TC1	annealed
38.10	1.25	1.153	EN 10357	BC
40.00	1.00	0.977	EN 10357	BC
40.00	1.00	0.977	EN 10357	CC m
40.00	1.00	0.977	EN 10357	CDK400
40.00	1.50	1.446	EN 10357	BC
40.00	1.50	1.446	EN 10357	CC m
40.00	1.50	1.446	EN 10357	CDK400

OD	WALL	KG/M	NORM	TYPE
40.00	2.00	1.903	EN 10217-7 TC1	not annealed
40.00	2.00	1.903	EN 10217-7 TC1	annealed
40.00	2.00	1.903	EN 10217-7 TC1	ann. K320
41.00	1.50	1.484	EN 10357	BC
41.00	1.50	1.484	EN 10357	CC m
42.00	1.50	1.521	EN 10217-7 TC1	annealed
42.40	1.60	1.635	EN 10217-7 TC1	not annealed
42.40	2.00	2.023	EN 10217-7 TC1	not ann. pick
42.40	2.00	2.023	EN 10217-7 TC1	ann. K320
42.40	2.00	2.023	EN 10217-7 TC1	annealed
42.40	2.00	2.023	EN 10217-7 TC2	annealed
42.40	2.60	2.591	EN 10217-7 TC1	not annealed
42.40	2.60	2.591	EN 10217-7 TC2	annealed
42.40	3.20	3.141	EN 10217-7 TC1	not annealed
42.40	3.20	3.141	EN 10217-7 TC1	annealed
44.50	1.50	1.615	EN 10217-7 TC1	not ann. pick
44.50	1.50	1.615	EN 10217-7 TC2	annealed
44.50	2.00	2.128	EN 10217-7 TC2	annealed
48.30	1.60	1.871	EN 10217-7 TC1	not annealed
48.30	2.00	2.319	EN 10217-7 TC1	not ann. pick
48.30	2.00	2.319	EN 10217-7 TC2	annealed
48.30	2.60	2.975	EN 10217-7 TC1	not annealed
48.30	2.60	2.975	EN 10217-7 TC1	ann. K320
48.30	2.60	2.975	EN 10217-7 TC2	annealed
48.30	3.20	3.614	EN 10217-7 TC1	not annealed
48.30	3.20	3.614	EN 10217-7 TC1	annealed
48.30	3.60	4.029	EN 10217-7 TC1	not annealed
50.00	1.50	1.822	EN 10217-7 TC1	not annealed
50.00	1.50	1.822	EN 10217-7 TC1	ann. K320
50.00	1.50	1.822	EN 10217-7 TC1	annealed
50.00	2.00	2.404	EN 10217-7 TC1	not annealed
50.00	2.00	2.404	EN 10217-7 TC1	annealed
50.00	3.00	3.531	EN 10217-7 TC1	not annealed
50.80	1.25	1.551	EN 10357	BC
50.80	1.50	1.852	EN 10357	BC
51.00	2.00	2.454	EN 10217-7 TC1	annealed
52.00	1.00	1.277	EN 10357	BC
52.00	1.00	1.277	EN 10357	CC m
52.00	1.50	1.897	EN 10357	BC
52.00	1.50	1.897	EN 10357	CC m
52.00	1.50	1.897	EN 10357	CDK400
53.00	1.50	1.934	EN 10357	BC
53.00	1.50	1.934	EN 10357	CC m
54.00	2.00	2.604	EN 10357	BC
54.00	2.00	2.604	EN 10217-7 TC1	not ann. pick
55.00	1.50	2.009	EN 10217-7 TC1	not annealed
55.00	2.00	2.654	EN 10217-7 TC1	not annealed
57.00	2.00	2.754	EN 10217-7 TC1	annealed
57.00	2.90	3.929	EN 10217-7 TC1	annealed

OD	WALL	KG/M	NORM	TYPE
60.30	1.60	2.352	EN 10217-7 TC1	not annealed
60.30	1.60	2.352	EN 10217-7 TC1	annealed
60.30	2.00	2.920	EN 10217-7 TC1	not ann. pick
60.30	2.00	2.920	EN 10217-7 TC2	annealed
60.30	2.60	3.757	EN 10217-7 TC1	not annealed
60.30	2.60	3.757	EN 10217-7 TC2	annealed
60.30	2.90	4.168	EN 10217-7 TC2	annealed
60.30	3.65	5.178	EN 10217-7 TC1	not annealed
63.50	1.50	2.329	EN 10357	BC
63.50	1.50	2.329	EN 10357	CC m
65.00	1.50	2.385	EN 10217-7 TC1	not annealed
65.00	2.00	3.155	EN 10217-7 TC1	not annealed
70.00	1.50	2.573	EN 10357	BC
70.00	1.50	2.573	EN 10357	CC m
70.00	2.00	3.405	EN 10357	BC
70.00	2.00	3.405	EN 10357	CC m
70.00	2.00	3.405	EN 10357	CDK400
70.00	2.00	3.405	EN 10217-7 TC1	not ann. pick
70.00	2.90	4.873	EN 10217-7 TC1	annealed
76.10	1.50	2.802	EN 10357	BC
76.10	2.00	3.711	EN 10357	BC
76.10	2.00	3.711	EN 10357	CC m
76.10	2.00	3.711	EN 10217-7 TC1	not ann. pick
76.10	2.60	4.785	EN 10217-7 TC1	not annealed
76.10	2.90	5.315	EN 10217-7 TC1	not annealed
76.10	3.00	5.491	EN 10217-7 TC1	not annealed
76.10	3.60	6.535	EN 10217-7 TC1	not annealed
80.00	1.50	2.948	EN 10217-7 TC1	annealed
84.00	2.00	4.107	EN 10217-7 TC1	not ann. pick
85.00	2.00	4.157	EN 10357	BC
85.00	2.00	4.157	EN 10357	CC m
85.00	2.00	4.157	EN 10357	CDK400
88.90	2.00	4.352	EN 10217-7 TC1	not ann. pick
88.90	2.00	4.352	EN 10217-7 TC2	annealed
88.90	2.60	5.618	EN 10217-7 TC2	annealed
88.90	3.00	6.453	EN 10217-7 TC1	not annealed
88.90	3.00	6.453	EN 10217-7 TC2	annealed
88.90	3.65	7.792	EN 10217-7 TC1	annealed
88.90	4.00	8.504	EN 10217-7 TC1	not annealed
88.90	5.00	10.504	EN 10217-7 TC1	annealed
100.00	1.50	3.700	17455 WZ 2.2	not annealed
101.60	1.50	3.760	EN 10357	CC m
101.60	2.00	4.988	EN 10357	CC m
101.60	2.00	4.988	EN 10357	CDK400
101.60	2.00	4.988	EN 10217-7 TC1	annealed
101.60	2.00	4.988	EN 10217-7 TC1	annealed
101.60	3.00	7.407	EN 10217-7 TC1	not ann. pick
104.00	2.00	5.108	EN 10357	BC
104.00	2.00	5.108	EN 10357	CC m

OD	WALL	KG/M	NORM	TYPE
104.00	2.00	5.108	EN 10357	CDK400
104.00	2.00	5.108	EN 10217-7 TC1	not ann. pick
108.00	2.00	5.308	EN 10217-7 TC1	not ann. pick
108.00	2.60	6.862	EN 10217-7 TC1	not ann. pick
108.00	3.00	7.888	EN 10217-7 TC1	not ann. pick
108.00	4.00	10.417	EN 10217-7 TC1	not ann. pick
108.00	5.00	12.896	EN 10217-7 TC1	not ann. pick
114.30	1.50	4.237	EN 10217-7 TC1	not annealed
114.30	2.00	5.624	EN 10217-7 TC1	not ann. pick
114.30	2.00	5.624	EN 10217-7 TC2	annealed
114.30	2.60	7.272	EN 10217-7 TC1	not ann. pick
114.30	2.60	7.272	EN 10217-7 TC2	annealed
114.30	3.00	8.361	EN 10217-7 TC1	not ann. pick
114.30	3.60	9.979	EN 10217-7 TC1	not ann. pick
114.30	4.05	11.181	EN 10217-7 TC1	not ann. pick
114.30	5.00	13.684	EN 10217-7 TC1	not ann. pick
129.00	2.00	6.360	EN 10357	CC m
129.00	2.00	6.360	EN 10357	CDK400
129.00	2.00	6.360	EN 10217-7 TC1	not ann. pick
133.00	2.00	6.560	EN 10217-7 TC1	not ann. pick
133.00	3.00	9.766	EN 10217-7 TC1	not ann. pick
133.00	4.00	12.921	EN 10217-7 TC1	not ann. pick
139.70	2.00	6.896	EN 10217-7 TC1	not ann. pick
139.70	2.60	8.926	EN 10217-7 TC1	not ann. pick
139.70	3.00	10.269	EN 10217-7 TC1	not ann. pick
139.70	4.00	13.592	EN 10217-7 TC1	not ann. pick
154.00	2.00	7.612	EN 10357	CC m
154.00	2.00	7.612	EN 10357	CDK400
154.00	2.00	7.612	EN 10217-7 TC1	not ann. pick
159.00	2.00	7.863	EN 10217-7 TC1	not ann. pick
159.00	2.60	10.182	EN 10217-7 TC1	not ann. pick
159.00	3.00	11.719	EN 10217-7 TC1	not ann. pick

OD	WALL	KG/M	NORM	TYPE
159.00	4.00	15.525	EN 10217-7 TC1	not ann. pick
168.30	2.00	8.328	EN 10217-7 TC1	not ann. pick
168.30	2.60	10.788	EN 10217-7 TC1	not ann. pick
168.30	3.00	12.417	EN 10217-7 TC1	not ann. pick
168.30	4.00	16.456	EN 10217-7 TC1	not ann. pick
168.30	5.00	20.445	EN 10217-7 TC1	not ann. pick
204.00	2.00	10.116	EN 10357	CC m
204.00	2.00	10.116	EN 10217-7 TC1	not ann. pick
219.10	2.00	10.872	EN 10217-7 TC1	not ann. pick
219.10	2.60	14.095	EN 10217-7 TC1	not ann. pick
219.10	3.00	16.233	EN 10217-7 TC1	not ann. pick
219.10	4.00	21.544	EN 10217-7 TC1	not ann. pick
219.10	5.00	26.805	EN 10217-7 TC1	not ann. pick
254.00	2.00	12.620	EN 10217-7 TC1	not ann. pick
256.00	3.00	19.010	EN 10217-7 TC1	not ann. pick
273.00	2.60	17.604	EN 10217-7 TC1	not ann. pick
273.00	3.00	20.282	EN 10217-7 TC1	not ann. pick
273.00	4.00	26.943	EN 10217-7 TC1	not ann. pick
273.00	5.00	33.554	EN 10217-7 TC1	not ann. pick
273.10	2.00	13.577	EN 10217-7 TC1	not ann. pick
273.10	3.00	20.250	EN 10217-7 TC1	not ann. pick
304.00	2.00	15.124	EN 10217-7 TC1	not ann. pick
306.00	3.00	22.720	EN 10217-7 TC1	not ann. pick
323.90	3.00	24.106	EN 10217-7 TC1	not ann. pick
323.90	4.00	32.041	EN 10217-7 TC1	not ann. pick
355.60	3.00	26.487	EN 10217-7 TC1	not ann. pick
356.00	3.00	26.517	EN 10217-7 TC1	not annealed
406.40	3.00	30.303	EN 10217-7 TC1	not annealed
355.60	3.00	26.487	EN 10217-7 TC1	not ann. pick
356.00	3.00	26.517	EN 10217-7 TC1	not ann. pick
406.40	3.00	30.303	EN 10217-7 TC1	not ann. pick

EN 1.4404, EN 1.4432, EN 1.4571

Welded stainless process tubes and dairy tubes, tolerance according to EN-ISO 1127, welding factor Z = 1.0 in fabrication lengths of 6000 mm -0/+100 mm. Delivered in annealed or not annealed version, or as below.

Dairy tubes EN 10357

- CCM: not annealed, pickled
- BC: annealed
- CD : not annealed, ground
- BD : annealed, ground
- K240, K320, K400, K600: state grain size for any grinding

PRODUCT INFORMATION

OD	WALL	KG/M	NORM	TYPE
6.00	1.00	0.125	EN 10217-7 TC1	annealed
8.00	1.00	0.175	EN 10217-7 TC1	annealed
10.00	1.00	0.225	EN 10217-7 TC1	annealed
12.00	1.00	0.275	EN 10217-7 TC1	annealed
15.00	1.00	0.351	EN 10217-7 TC1	annealed
16.00	1.00	0.376	EN 10217-7 TC1	annealed
18.00	1.00	0.426	EN 10357	BC
18.00	1.00	0.426	EN 10217-7 TC1	annealed
18.00	1.50	0.620	EN 10357	BC
18.00	1.50	0.620	EN 10357	CC m
18.00	1.50	0.620	EN 10217-7 TC1	annealed
19.00	1.50	0.657	EN 10357	BC
20.00	1.00	0.476	EN 10217-7 TC1	annealed
21.30	2.60	1.217	EN 10217-7 TC2	annealed
22.00	1.00	0.526	EN 10357	BC
22.00	1.00	0.526	EN 10357	CC m
22.00	1.50	0.770	EN 10357	BC
22.00	1.50	0.770	EN 10357	CC m
22.00	1.50	0.770	EN 10217-7 TC1	annealed
23.00	1.50	0.808	EN 10357	BC
25.00	1.50	0.883	EN 10217-7 TC1	not annealed
25.00	1.50	0.883	EN 10217-7 TC1	annealed
25.40	1.25	0.756	EN 10357	BC
26.90	2.00	1.247	EN 10217-7 TC1	annealed
26.90	2.60	1.582	EN 10217-7 TC2	annealed
28.00	1.00	0.676	EN 10357	BC
28.00	1.50	0.995	EN 10357	BC
28.00	1.50	0.995	EN 10357	CC m
28.00	1.50	0.995	EN 10217-7 TC1	annealed
29.00	1.50	1.033	EN 10357	BC
29.00	1.50	1.033	EN 10357	CC m
30.00	1.50	1.070	EN 10217-7 TC1	not annealed
30.00	2.00	1.402	EN 10357	BC
30.00	2.00	1.402	EN 10217-7 TC2	annealed
33.70	2.00	1.588	EN 10217-7 TC1	not ann. pick

OD	WALL	KG/M	NORM	TYPE
33.70	2.00	1.588	EN 10217-7 TC2	annealed
33.70	3.25	2.478	EN 10217-7 TC1	annealed
34.00	1.50	1.221	EN 10357	CC m
35.00	1.50	1.258	EN 10357	BC
35.00	1.50	1.258	EN 10357	CC m
38.00	1.50	1.371	EN 10217-7 TC1	not annealed
38.10	1.65	1.506	EN 10357	BC
40.00	1.00	0.977	EN 10357	CC m
40.00	1.50	1.446	EN 10357	BC
40.00	1.50	1.446	EN 10357	CC m
41.00	1.50	1.484	EN 10357	BC
41.00	1.50	1.484	EN 10357	CC m
42.40	2.00	2.023	EN 10217-7 TC1	annealed
42.40	2.00	2.023	EN 10217-7 TC2	annealed
42.40	3.25	3.186	EN 10217-7 TC1	annealed
43.00	1.50	1.559	EN 10217-7 TC1	not ann. pick
48.30	2.00	2.319	EN 10217-7 TC1	not ann. pick
48.30	2.00	2.319	EN 10217-7 TC2	annealed
50.80	1.65	2.031	EN 10357	BC
52.00	1.00	1.277	EN 10357	BC
52.00	1.50	1.897	EN 10357	BC
52.00	1.50	1.897	EN 10357	CC m
53.00	1.50	1.934	EN 10357	BC
53.00	1.50	1.934	EN 10357	CC m
53.00	1.50	1.934	EN 10217-7 TC1	not ann. pick
54.00	2.00	2.604	EN 10357	BC
60.30	2.00	2.920	EN 10217-7 TC1	not ann. pick
60.30	2.00	2.920	EN 10217-7 TC2	annealed
63.50	1.50	2.329	EN 10357	BC
63.50	1.65	2.555	EN 10357	BC
70.00	2.00	3.405	EN 10357	BC
70.00	2.00	3.405	EN 10357	CC m
76.10	1.65	3.076	EN 10357	BC
76.10	2.00	3.711	EN 10217-7 TC1	not ann. pick
76.10	2.00	3.711	EN 10217-7 TC2	annealed

OD	WALL	KG/M	NORM	TYPE
85.00	2.00	4.157	EN 10357	BC
85.00	2.00	4.157	EN 10357	CC m
88.90	2.00	4.352	EN 10217-7 TC1	not ann. pick
88.90	2.00	4.352	EN 10217-7 TC2	annealed
101.60	2.00	4.988	EN 10357	BC
104.00	2.00	5.108	EN 10357	BC
104.00	2.00	5.108	EN 10357	CC m
114.30	2.00	5.624	EN 10217-7 TC1	not ann. pick
114.30	2.00	5.624	EN 10217-7 TC2	not ann. pick

OD	WALL	KG/M	NORM	TYPE
129.00	2.00	6.360	EN 10357	CC m
139.70	2.00	6.896	EN 10217-7 TC1	not ann. pick
154.00	2.00	7.612	EN 10357	CC m
168.30	2.00	8.328	EN 10217-7 TC1	not ann. pick
204.00	2.00	10.116	EN 10357	CC m
219.10	2.00	10.872	EN 10217-7 TC1	not ann. pick
254.00	2.00	12.620	EN 10357	CC m
273.10	2.00	13.572	EN 10217-7 TC1	not ann. pick
323.90	3.00	24.106	EN 10217-7 TC1	not ann. pick

WELDED ROUND TUBES IN ACCORDANCE WITH EN

Manufacturing norms: EN 10217-7 TC 1/TC 2 or EN 10357

Weld factor: Z = 1.0

Delivery condition: not annealed/pickled, bright annealed or annealed/pickled

Delivery lengths: Fixed lengths or fabrication lengths of 6000 mm -0/+100 mm

Quality: EN 1.4301, EN 1.4307, EN 1.4541, EN 1.4404, EN 1.4432 and EN 1.4571

Other qualities available on request

Tolerances: According to applicable norm

Certificate: EN 10204/3.1

Dimensions series: ISO and Metriskt

WELDED PIPES IN ACCORDANCE WITH ASTM

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

Weld factor: Z = 0.7 or 1.0

Delivery lengths: Fixed lengths or fabrication lengths

Quality: TP 304, TP 304L, TP 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:

- Not annealed
- Not annealed, pickled
- Annealed and pickled
- Bright annealed

WELD SEAM

After welding, the outer welding bead is removed. The tolerances given for the wall thickness do not apply to the weld seam. If there are special requirements, these must be agreed when ordering.

SURFACE

Agreement on surface characteristics should be made when ordering. Tubes can be supplied with surfaces according to the table below.

SURFACE CHARACTERISTIC	EXPLANATION
Untreated	No processing after welding
Pickled	The tubes are pickled as the last stage of production
Brushed	The tubes are brushed as the last stage of production
Ground	The surface is ground Coarse grinding: Grain size 120 Normal grinding: Grain size 220 - 240 Fine grinding: Grain size 320 up to Mirror polished
Polished	After grinding, the surface is polished with grinding paste

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 WELDED 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					