

Welded stainless square & rectangular tubes

Our stainless assortment is used in applications where extra high demands are placed on the tubes, tube fittings and bars. Our tubes are available in the usual stainless grades: EN 1.4301, EN 1.4404 och EN 1.4571. EN 1.4571 and EN 1.4432.

EN 1.4301

Welded box sections, in fabrication lengths of 6000 mm -0/+100 mm. In brushed or untreated finish unless otherwise stated. Grinded surface G320.

PRODUCT INFORMATION

OD	OD	WALL	KG/M	TYPE
10	10	1.0	0.300	
15	15	1.0	0.463	
15	15	1.5	0.676	K320
15	15	1.5	0.676	
15	15	1.5	0.676	K320
20	10	1.2	0.538	
20	10	1.2	0.538	K320
20	10	1.5	0.676	
20	10	1.5	0.676	K320
20	15	1.5	0.798	
20	15	1.5	0.798	K320
20	20	1.0	0.626	K320
20	20	1.2	0.745	
20	20	1.2	0.745	K320
20	20	1.5	0.920	
20	20	1.5	0.920	K320
20	20	2.0	1.202	
20	20	2.0	1.202	K320
25	10	1.5	0.798	
25	10	1.5	0.798	K320
25	15	1.5	0.920	
25	15	1.5	0.920	K320
25	25	1.2	0.941	
25	25	1.2	0.941	K320
25	25	1.5	1.164	

OD	OD	WALL	KG/M	TYPE
25	25	1.5	1.164	K320
25	25	2.0	1.527	
25	25	2.0	1.527	K320
25	25	3.0	2.216	
30	10	1.5	0.920	
30	15	1.2	0.825	
30	15	1.2	0.825	K320
30	15	1.5	1.042	
30	15	1.5	1.042	K320
30	15	2.0	1.365	
30	15	2.0	1.365	K320
30	20	1.2	0.921	K320
30	20	1.2	0.921	K320
30	20	1.5	1.164	
30	20	1.5	1.164	K320
30	20	2.0	1.527	
30	20	2.0	1.527	K320
30	30	1.2	1.136	K320
30	30	1.2	1.136	
30	30	1.5	1.409	
30	30	1.5	1.409	K320
30	30	2.0	1.853	
30	30	2.0	1.853	K320
30	30	3.0	2.704	
30	30	3.0	2.704	K320

OD	OD	WALL	KG/M	TYPE
35	20	1.5	1.259	
35	35	1.2	1.303	
35	35	1.2	1.303	K320
35	35	1.5	1.653	
35	35	1.5	1.653	K320
35	35	2.0	2.178	K320
35	35	2.0	2.178	
35	35	3.0	3.193	
40	15	1.5	1.286	
40	20	1.2	1.136	
40	20	1.2	1.136	K320
40	20	1.5	1.409	
40	20	1.5	1.409	K320
40	20	2.0	1.853	
40	20	2.0	1.853	K320
40	20	3.0	2.650	
40	27	1.5	1.536	
40	30	1.2	1.303	K320
40	30	1.5	1.653	
40	30	1.5	1.653	K320
40	30	2.0	2.178	
40	30	2.0	2.178	K320
40	30	3.0	3.193	
40	40	1.0	1.243	K320
40	40	1.0	1.243	
40	40	1.2	1.526	
40	40	1.2	1.526	K320
40	40	1.3	1.544	
40	40	1.3	1.544	K320
40	40	1.5	1.897	K320
40	40	1.5	1.897	
40	40	2.0	2.504	
40	40	2.0	2.504	K320
40	40	3.0	3.681	
40	40	3.0	3.681	K320
40	40	4.0	4.808	
45	45	2.0	2.830	
45	45	2.0	2.830	K320
50	20	1.5	1.653	
50	20	1.5	1.653	K320
50	20	2.0	2.178	
50	20	2.0	2.178	K320
50	25	1.5	1.775	
50	25	1.5	1.775	K320
50	25	2.0	2.341	K320
50	25	2.0	2.341	
50	30	1.5	1.897	
50	30	1.5	1.897	K320
50	30	2.0	2.504	

OD	OD	WALL	KG/M	TYPE
50	30	2.0	2.504	K320
50	30	3.0	3.681	K320
50	40	2.0	2.803	
50	40	2.0	2.803	K320
50	40	3.0	4.169	
50	50	1.5	2.385	
50	50	1.5	2.385	K320
50	50	2.0	3.155	
50	50	2.0	3.155	K320
50	50	3.0	4.657	
50	50	3.0	4.657	K320
50	50	4.0	6.110	
50	50	4.0	6.110	K320
50	50	5.0	7.512	
60	20	1.5	1.897	
60	20	1.5	1.897	K320
60	20	2.0	2.504	
60	20	2.0	2.504	K320
60	30	1.5	2.141	
60	30	1.5	2.141	K320
60	30	2.0	2.830	K320
60	30	2.0	2.830	
60	30	3.0	4.169	
60	30	3.0	4.169	K320
60	40	1.5	2.385	
60	40	2.0	3.155	
60	40	2.0	3.155	K320
60	40	3.0	4.657	
60	40	3.0	4.657	K320
60	40	4.0	6.110	
60	60	1.5	2.873	
60	60	1.5	2.873	K320
60	60	2.0	3.806	K320
60	60	2.0	3.806	
60	60	3.0	5.634	
60	60	3.0	5.634	K320
60	60	4.0	7.412	
60	60	4.0	7.412	K320
60	60	5.0	9.140	
70	40	2.0	3.405	
70	40	3.0	5.146	
70	70	2.0	4.457	
70	70	3.0	6.611	
70	70	4.0	8.714	
70	70	5.0	10.767	
80	30	3.0	5.146	
80	40	1.5	2.873	
80	40	1.5	2.873	K320
80	40	2.0	3.806	K320

OD	OD	WALL	KG/M	TYPE
80	40	2.0	3.806	
80	40	3.0	5.634	
80	40	3.0	5.634	K320
80	40	4.0	7.412	
80	40	5.0	9.140	
80	50	2.0	4.132	
80	50	3.0	6.122	
80	50	5.0	9.850	
80	60	2.0	4.557	
80	60	3.0	6.611	
80	60	3.0	6.611	K320
80	60	4.0	8.714	
80	60	5.0	10.540	
80	80	2.0	5.108	
80	80	2.0	5.108	K320
80	80	3.0	7.587	K320
80	80	4.0	10.016	
80	80	4.0	10.016	K320
80	80	5.0	12.395	
80	80	6.0	14.724	
90	90	3.0	8.388	
90	90	4.0	11.050	
100	40	2.0	4.457	
100	40	2.0	4.457	K320
100	40	3.0	6.611	
100	40	4.0	9.365	
100	50	2.0	4.783	
100	50	3.0	7.099	
100	50	3.0	7.099	K320
100	50	4.0	9.365	
100	50	5.0	11.581	
100	50	6.0	14.648	
100	60	2.0	5.108	
100	100	3.0	9.540	
100	100	3.0	9.540	K320
100	100	4.0	12.620	
100	100	6.0	18.630	
100	100	8.0	21.500	
120	40	2.0	5.108	
120	40	3.0	7.587	
120	40	3.0	7.587	K320
120	40	4.0	9.807	
120	60	2.0	5.759	
120	60	3.0	8.564	
120	60	3.0	8.564	K320
120	60	4.0	11.318	
120	60	5.0	14.022	
120	60	6.0	16.677	
120	80	2.0	6.410	

OD	OD	WALL	KG/M	TYPE
120	80	2.0	6.410	K320
120	80	3.0	9.540	
120	80	3.0	9.540	K320
120	80	4.0	12.620	
120	80	5.0	15.650	
120	80	6.0	18.630	
120	120	2.0	7.555	
120	120	3.0	11.493	
120	120	3.0	11.493	K320
120	120	4.0	15.224	
120	120	5.0	18.905	
120	120	6.0	22.536	
140	80	3.0	10.517	
140	80	4.0	13.922	
140	80	5.0	17.287	
140	140	5.0	21.120	
150	50	3.0	9.540	
150	50	4.0	12.620	
150	50	5.0	15.650	
150	80	5.0	17.709	
150	100	3.0	11.982	
150	100	4.0	15.875	
150	100	5.0	19.719	
150	100	6.0	23.513	
150	100	10.0	33.650	
150	150	3.0	14.423	
150	150	4.0	19.131	
150	150	5.0	23.788	
150	150	6.0	28.359	
150	150	8.0	37.460	
160	80	3.0	11.493	
160	80	4.0	15.224	
160	80	5.0	18.905	
200	100	3.0	14.423	
200	100	4.0	19.131	
200	100	5.0	23.788	
200	100	6.0	28.395	
200	150	4.0	21.400	
200	200	3.0	19.306	
200	200	4.0	25.641	
200	200	5.0	31.962	
200	200	6.0	38.161	
250	100	3.0	17.089	
250	100	4.0	22.386	
250	100	5.0	27.857	
250	100	8.0	40.700	
250	150	4.0	25.641	
250	150	5.0	30.962	
250	150	10.0	62.600	

EN 1.4404

Welded box sections, in fabrication lengths of 6000 mm -0/+100 mm. In brushed or untreated finish unless otherwise stated. Grinded surface G320.

EN 1.4571

Welded box sections, in fabrication lengths of 6000 mm -0/+100 mm. In brushed or untreated finish unless otherwise stated. Grinded surface G320.

PRODUCT INFORMATION

OD	OD	WALL	KG/M
20	20	1.5	0.920
20	20	2.0	1.202
25	25	1.5	1.164
25	25	2.0	1.527
30	15	1.5	1.042
30	20	2.0	1.527
30	30	1.5	1.409
30	30	2.0	1.853
30	30	3.0	2.704
35	35	2.0	2.178
40	20	2.0	1.853
40	30	2.0	2.178
40	40	2.0	2.504
40	40	3.0	3.681
40	40	4.0	4.808
50	20	2.0	2.178
50	25	1.5	1.775
50	25	2.0	2.341
50	30	1.5	1.897
50	30	2.0	2.504
50	30	3.0	3.681
50	40	2.0	2.803
50	50	2.0	3.155
50	50	3.0	4.657
50	50	4.0	6.110
60	20	2.0	2.504
60	30	1.5	2.141
60	30	2.0	2.830
60	30	3.0	4.169
60	40	2.0	3.155
60	40	3.0	4.657
60	40	4.0	6.110
60	60	2.0	3.806
60	60	3.0	5.634
60	60	4.0	7.412
60	60	5.0	9.140
70	70	3.0	6.611
70	70	4.0	8.714

OD	OD	WALL	KG/M
80	40	2.0	3.806
80	40	3.0	5.634
80	40	4.0	7.412
80	60	2.0	4.557
80	60	3.0	6.611
80	60	4.0	8.714
80	80	2.0	5.108
80	80	3.0	7.587
80	80	4.0	10.016
80	80	5.0	12.395
100	40	4.0	9.365
100	50	2.0	4.783
100	50	3.0	7.099
100	50	4.0	9.365
100	50	5.0	11.581
100	60	2.0	5.108
100	60	3.0	7.587
100	60	4.0	10.016
100	60	5.0	12.395
100	80	3.0	8.564
100	100	2.0	6.410
100	100	3.0	9.540
100	100	4.0	12.620
100	100	5.0	15.650
100	100	6.0	18.630
120	60	3.0	8.564
120	60	4.0	11.318
120	60	5.0	14.022
120	80	3.0	9.540
120	80	4.0	12.620
120	120	3.0	11.493
120	120	4.0	15.224
120	120	5.0	18.905
150	50	3.0	9.540
150	100	6.0	23.513
150	150	4.0	19.131
150	150	5.0	23.788
160	80	5.0	18.905

BOX SECTIONS

Delivery condition: Cold-formed untreated, brushed or ground

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

Quality: EN 1.4301, EN 1.4404, EN 1.4571

Other qualities available on request

SURFACE

Agreement on surface 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

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

STEEL TYPES EN	ASTM	C%	N%	Cr%	Ni%	Mo%	OTHER	EN	
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		17.30					