

Steel and stainless steel tubes



amari metals

amari metals

Reliable and versatile

Amari Metals BV in Vianen has been a well established name in the national and international trade of stainless steel products, copper and nickel alloys and aluminium semi-finished products for over thirty years. In order to provide even better and faster service to our growing customer base, Amari Metals BV has, in the spring of 2012, moved into a new, larger building with one central warehouse.

International (distribution) network

The company is part of an international cooperation initiative. Amari Metals BV thus associates economic benefit to excellent quality products, maintains global relationships with several reliable partners, and also has Europe's largest distribution network.

Available from stock

Amari Metals BV distinguishes itself by offering a complete, very extensive product range and has a wide range of in-house expertise. All items are available from stock. Order today, have it delivered tomorrow: fast, within the agreed-upon time and of course duly custom packaged. Optionally, Amari Metals BV can take over your inventory management and ensure proper storage.

Knowledge and skill

The enthusiastic team of Amari Metals BV consists of expert staff: experienced professionals who are closely involved with your products and your desires. They deliver customisations that meet your requirements as well as those of your customer. Amari Metals BV likes to think along with you and will not shy away from challenges. The aim is to make your life easier.

Partner in various fields

Amari Metals BV specializes in steel and stainless steel (precision) tubes and pipes, seamless and/or welded. At the same time the company is regarded as a specialist in the area of thick aluminium plates and special aluminium shapes. Collaboration with Amari Metals BV means working with a partner that can be of service to you in various fields. You are the starting point: your needs are the priority.

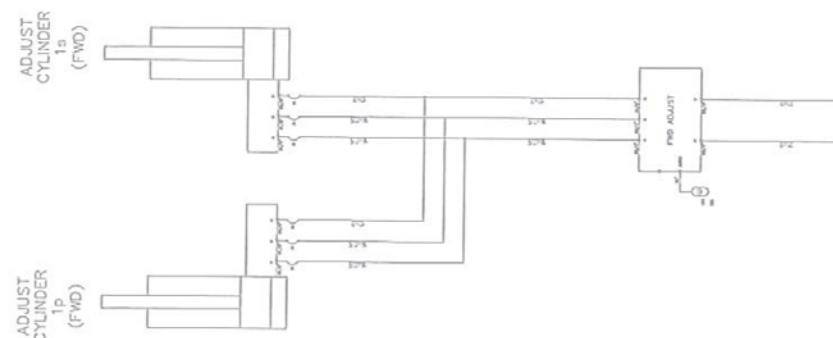
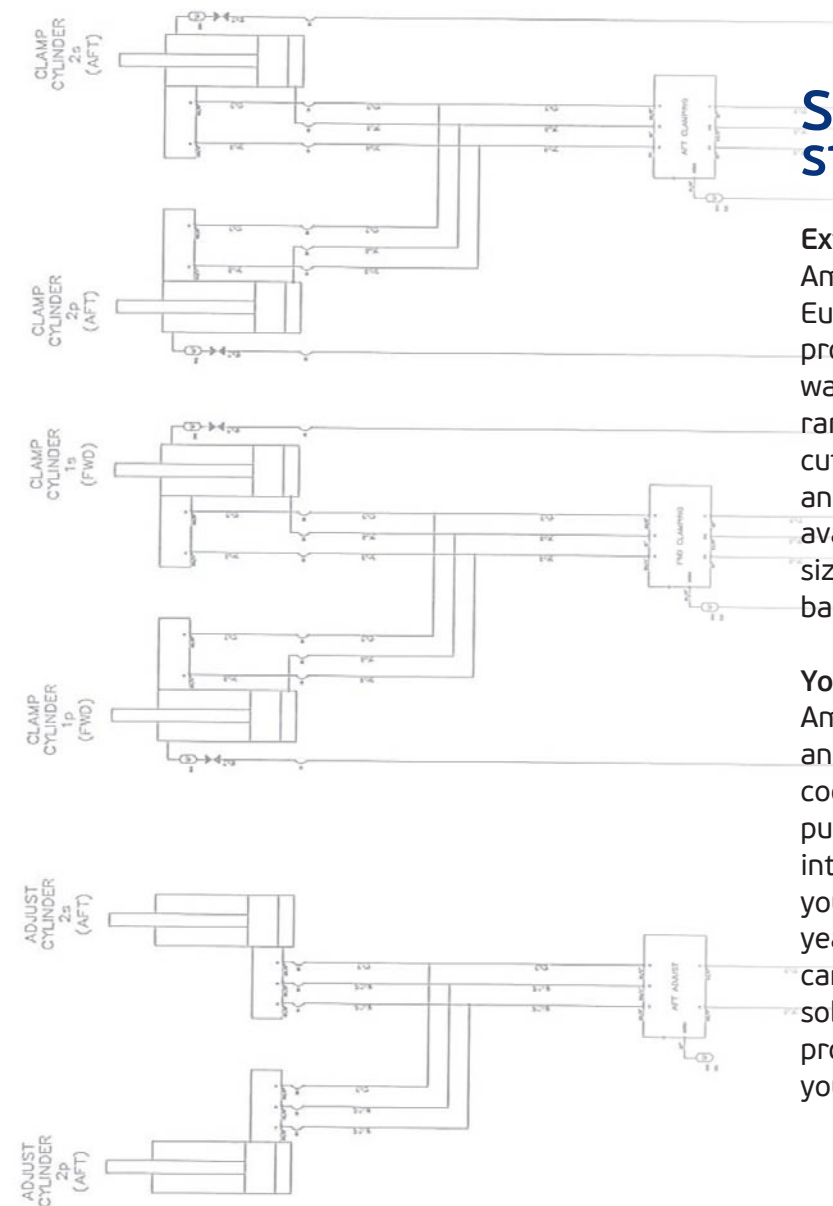
Steel and stainless steel tubes

Extensive programme

Amari Metals BV as one of the few suppliers in Europe has a full programme, and can quickly provide it from stock. The new and ultra modern warehouse in Vianen offers a comprehensive range of steel and stainless steel precision tubes, cutting ring couplings and pipes, both seamless and welded, in all common alloys. Unique is the availability of all sizes: both metric and inch sizes. Deliveries on an "ex works" production basis can be quickly delivered to your location.

Your best solution

Amari Metals BV is committed to partnerships, and wants to achieve the best results in cooperation with you. Specifically for that purpose, engaged company employees delve into your market, and into your customers' and your specific needs. With their excellent training, years of experience and current knowledge they can expertly inform you on options and custom solutions. They always carefully pack the products so that they are guaranteed to reach you in a proper condition.



Seamless stainless steel tubes

amari metals

A wide assortment of Asian and European seamless, stainless steel tubes is available from stock in both metric and Imperial sizes from Vianen. We supply 304, 304L, 316, 316L, 321, 316 Ti, 309, 310 and 904L grades in sizes ranging from 3.0 mm to 24" (609.6 mm). Special alloys, sizes and fixed lengths are available on request and, if required, can be supplied on call from stock to meet the specific customer need.

The skill of our logistic employees and the quality of our warehouse guarantee the careful storage and distribution of our products. The commitment and flexibility of our employees result in "personal attention" for all our clients.

As one of the first Multi-metal enterprises in the Netherlands, we have been ISO 9001 certified since 1990. In part, this guarantees the quality and reliability of our organisation.

Seamless stainless steel
According to standard ASTM A269, EN 10216-5, DIN 17458, NFA 49-117
In alloys AISI 304 / 304L / 316 / 316L / 321 / 316 Ti
and W.Nr. 1.4301 / 1.4307 / 1.4401 / 1.4404 / 1.4541 / 1.4571

O.D. mm	Wall mm	I.D. mm	inch	+/- kg p/m	Work.pr. pres./ in bar*
3,00	0,50	2,00		0,031	428
3,00	1,00	1,00		0,050	856
3,18	0,41	2,36	1/8" x 0,016"	0,028	331
3,18	0,51	2,16	1/8" x 0,020"	0,034	412
3,18	0,56	2,06	1/8" x 0,022"	0,037	465
3,18	0,71	1,76	1/8" x 0,028"	0,044	573
3,18	0,89	1,40	1/8" x 0,035"	0,051	718
3,18	1,24	0,70	1/8" x 0,049"	0,060	1001
4,00	0,50	3,00		0,044	321
4,00	1,00	2,00		0,075	642
4,76	0,51	3,74	3/16" x 0,022"	0,054	275
4,76	0,71	3,34	3/16" x 0,028"	0,072	383
4,76	0,89	2,98	3/16" x 0,035"	0,086	480
4,76	1,24	2,28	3/16" x 0,049"	0,109	669
4,76	1,65	1,46	3/16" x 0,065"	0,128	890
5,00	0,50	4,00		0,056	257
5,00	1,00	3,00		0,100	513
6,00	0,50	5,00		0,069	214
6,00	1,00	4,00		0,125	428
6,00	1,50	3,00		0,169	642
6,00	2,00	2,00		0,200	856
6,35	0,51	5,33	1/4" x 0,020"	0,075	206
6,35	0,71	4,93	1/4" x 0,028"	0,100	287
6,35	0,89	4,57	1/4" x 0,035"	0,122	360
6,35	1,24	3,87	1/4" x 0,049"	0,159	501
6,35	1,65	3,05	1/4" x 0,065"	0,194	667
6,35	2,11	2,13	1/4" x 0,083"	0,224	853
7,94	0,51	6,92	5/16" x 0,020"	0,095	165
7,94	0,71	6,52	5/16" x 0,028"	0,129	230
7,94	0,89	6,16	5/16" x 0,035"	0,157	288
7,94	1,24	5,46	5/16" x 0,049"	0,208	401
7,94	1,65	4,64	5/16" x 0,065"	0,260	533
7,94	2,11	3,72	5/16" x 0,083"	0,308	682
7,94	2,64	2,66	5/16" x 0,104"	0,350	853
8,00	0,50	7,00		0,094	160
8,00	1,00	6,00		0,175	321
8,00	1,50	5,00		0,244	481
8,00	2,00	4,00		0,300	642
9,00	1,00	7,00		0,200	285
9,53	0,51	8,51	3/8" x 0,020"	0,115	137
9,53	0,71	8,11	3/8" x 0,028"	0,157	191
9,53	0,89	7,75	3/8" x 0,035"	0,193	240
9,53	1,24	7,05	3/8" x 0,049"	0,257	334
9,53	1,65	6,23	3/8" x 0,065"	0,326	444
9,53	2,11	5,31	3/8" x 0,083"	0,392	568
9,53	2,64	4,23	3/8" x 0,104"	0,457	714
9,53	3,18	3,17	3/8" x 0,125"	0,506	856
10,00	0,50	9,00		0,119	128
10,00	1,00	8,00		0,225	257
10,00	1,50	7,00		0,319	385
10,00	2,00	6,00		0,401	513
11,00	0,50	10,00		0,131	117
11,00	1,00	9,00		0,250	233
11,00	1,50	8,00		0,357	350
11,00	2,00	7,00		0,451	467
11,11	0,71	9,69	7/16" x 0,028"	0,185	164
11,11	0,89	9,33	7/16" x 0,035"	0,228	206
11,11	1,24	8,63	7/16" x 0,049"	0,306	286
11,11	1,65	7,81	7/16" x 0,065"	0,391	381
11,11	2,11	6,89	7/16" x 0,083"	0,476	487
12,00	1,00	10,00		0,275	214
12,00	1,50	9,00		0,394	321

O.D. mm	Wall mm	I.D. mm	inch	+/- kg p/m	Work.pr. pres./ in bar*
12,00	2,00	8,00		0,501	428
12,00	2,50	7,00		0,595	535
12,00	3,00	6,00		0,676	642
12,70	0,71	11,28	1/2" x 0,028"	0,213	143
12,70	0,89	10,92	1/2" x 0,035"	0,263	180
12,70	1,24	10,22	1/2" x 0,049"	0,356	251
12,70	1,65	9,40	1/2" x 0,065"	0,457	333
12,70	2,11	8,48	1/2" x 0,083"	0,560	426
12,70	2,64	7,42	1/2" x 0,104"	0,665	534
12,70	3,18	6,34	1/2" x 0,125"	0,758	643
13,00	1,00	11,00		0,300	197
13,00	1,50	10,00		0,432	296
13,00	2,00	9,00		0,551	395
14,00	1,00	12,00		0,326	183
14,00	1,50	11,00		0,470	275
14,00	2,00	10,00		0,601	367
14,00	2,50	9,00		0,720	458
14,00	3,00	8,00		0,826	550
14,28	0,89	12,50	9/16" x 0,035"	0,298	160
14,28	1,24	11,80	9/16" x 0,049"	0,405	223
14,28	1,65	10,98	9/16" x 0,065"	0,522	297
14,28	2,11	10,06	9/16" x 0,083"	0,643	379
15,00	1,00	13,00		0,351	171
15,00	1,50	12,00		0,507	257
15,00	2,00	11,00		0,651	342
15,88	0,89	14,10	5/8" x 0,035"	0,334	144
15,88	1,24	13,40	5/8" x 0,049"	0,455	200
15,88	1,65	12,58	5/8" x 0,065"	0,588	267
15,88	2,11	11,66	5/8" x 0,083"	0,728	341
15,88	2,64	10,60	5/8" x 0,104"	0,875	427
15,88	3,18	9,52	5/8" x 0,125"	1,011	514
16,00	1,00	14,00		0,376	160
16,00	1,50	13,00		0,545	241
16,00	2,00	12,00		0,701	321
16,00	2,50	11,00		0,845	401
16,00	3,00	10,00		0,977	481
18,00	1,00	16,00		0,426	143
18,00	1,50	15,00		0,620	214
18,00	2,00	14,00		0,801	285
19,05	0,51	18,03	3/4" x 0,020"	0,237	69
19,05	0,71	17,63	3/4" x 0,028"	0,326	96
19,05	0,89	17,27	3/4" x 0,035"	0,405	120
19,05	1,24	16,57	3/4" x 0,049"	0,553	167
19,05	1,65	15,75	3/4" x 0,065"	0,719	222
19,05	2,11	14,83	3/4" x 0,083"	0,895	284
19,05	2,64	13,77	3/4" x 0,104"	1,085	356
19,05	3,18	12,69	3/4" x 0,125"	1,264	428
20,00	0,50	19,00		0,244	64
20,00	1,00	18,00		0,476	128
20,00	1,50	17,00		0,695	193
20,00	2,00	16,00		0,901	257
20,00	2,50	15,00		1,096	321
20,00	3,00	14,00		1,277	385
22,00	1,50	19,00		0,770	175
22,00	2,00	18,00		1,002	233
22,00	2,50	17,00		1,221	292
22,23	0,89	20,45	7/8" x 0,035"	0,476	103
22,23	1,24	19,75	7/8" x 0,049"	0,652	143
22,23	1,65	18,93	7/8" x 0,065"	0,850	191
22,23	2,11	18,93	7/8" x 0,083"	1,063	238
24,00	1,00	22,00		0,576	107
25,00	1,50	22,00		0,883	154

O.D. mm	Wall mm	I.D. mm	inch	+/- kg p/m	Work.pr. pres./ in bar*
25,00	2,00	21,00		1,152	205
25,00	2,50	20,00		1,409	257
25,00	3,00	19,00		1,653	308
25,00	4,00	17,00		2,103	411
25,40	0,71	23,98	1" x 0,028"	0,439	72
25,40	0,89	23,62	1" x 0,035"	0,546	90
25,40	1,24	22,92	1" x 0,049"	0,750	125
25,40	1,65	22,10	1" x 0,065"	0,981	167
25,40	2,11	21,18	1" x 0,083"	1,231	213
25,40	2,64	20,12	1" x 0,104"	1,505	267
25,40	3,18	19,04	1" x 0,125"	1,769	321
25,40	6,35	12,70	1" x 0,250"	3,029	642
28,00	1,50	25,00		0,995	138
28,00	2,00	24,00		1,302	183
28,00	2,50	23,00		1,596	229
28,00	3,00	22,00		1,878	275
28,58	1,65	25,28	1 1/8" x 0,065"	1,113	148
28,58	2,11	24,36	1 1/8" x 0,083"	1,399	189
30,00	2,00	26,00		1,402	171
30,00	2,50	25,00		1,722	214
30,00	3,00	24,00		2,028	257
30,00	4,00	22,00		2,604	342
31,75	1,24	29,27	1 1/4" x 0,049"	0,947	100
31,75	1,65	28,45	1 1/4" x 0,065"	1,244	133
31,75	2,11	27,53	1 1/4" x 0,083"	1,566	171
31,75	2,64	26,47	1 1/4" x 0,104"	1,924	213
31,75	3,18	25,39	1 1/4" x 0,125"	2,275	257
32,00	3,00	26,00		2,178	241
34,93	1,65	31,63	1 3/8" x 0,065"	1,375	121
34,93	2,11	30,71	1 3/8" x 0,083"	1,734	155
35,00	2,00	31,00		1,653	147
35,00	3,00	29,00		2,404	220
38,00	3,00	32,00		2,629	203
38,00	4,00	30,00		3,405	270
38,00	5,00	28,00		4,132	338
38,10	1,24	35,62	1 1/2" x 0,049"	1,144	84
38,10	1,65	34,80	1 1/2" x 0,065"	1,506	111
38,10	2,11	33,88	1 1/2" x 0,083"	1,902	142
38,10	2,64	32,82	1 1/2" x 0,104"	2,344	178
38,10	3,18	31,74	1 1/2" x 0,125"	2,781	214
38,10	6,35	25,40	1 1/2" x 0,250"	5,048	428
41,28	1,65	37,98	1 5/8" x 0,065"	1,637	103
41,28	2,11	37,06	1 5/8" x 0,083"	2,070	131
42,00	3,00	36,00		2,930	183
44,45	1,65	41,15	1 3/4" x 0,065"	1,768	95
44,45	2,11	40,23	1 3/4" x 0,083"	2,237	122
44,45	3,18	38,09	1 3/4" x 0,125"	3,279	184
50,00	3,00	44,00		3,531	154
50,00	5,00	40,00		5,634	257
50,80	1,65	47,50	2" x 0,065"	2,031	83
50,80	2,11	46,58	2" x 0,083"	2,573	107
50,80	2,64	45,52	2" x 0,104"	3,184	133
50,80	3,18	44,44	2" x 0,125"	3,792	161
50,80	6,35	38,10	2" x 0,250"	7,068	321
57,15	2,11	52,93	2 1/4" x 0,083"	2,908	95
57,15	3,18	50,79	2 1/4" x 0,125"	4,297	143
63,50	2,11	59,28	2 1/2" x 0,083"	3,244	85
63,50	3,18	57,14	2 1/2" x 0,125"	4,803	129
76,20	1,63	72,94	3" x 0,064"	3,034	57
76,20	3,25	69,70	3" x 0,128"	5,940	107
76,20	6,35	63,50	3" x 0,250"	11,100	214

*Workingpressure based on alloy 316L at a temperature of 20° C

seamless stainless steel pipes

amari metals

Seamless stainless steel pipes according to ASTM A312

In the alloys AISI 304 / 304L / 316 / 316L / 321 / 316 Ti

and W.Nr. 1.4301 / 1.4307 / 1.4401 / 1.4404 / 1.4541 / 1.4571



inch	Afm	O.D. mm	Wall mm	+/- kg p/m	Work.pr. pres./ in bar*
1/8"	SCH10S	10,29	1,24	0,28	302
1/8"	SCH40S	10,29	1,73	0,73	422
1/8"	SCH80S	10,29	2,41	0,84	587
1/4"	SCH10S	13,72	1,65	0,50	323
1/4"	SCH40S	13,72	2,24	0,64	438
1/4"	SCH80S	13,72	3,02	0,81	591
3/8"	SCH10S	17,15	1,65	0,64	258
3/8"	SCH40S	17,15	2,31	0,86	361
3/8"	SCH80S	17,15	3,20	1,12	501
1/2"	SCH10S	21,34	2,11	1,02	265
1/2"	SCH40S	21,34	2,77	1,29	348
1/2"	SCH80S	21,34	3,73	1,65	469
1/2"	SCH160	21,34	4,78	1,98	601
3/4"	SCH10S	26,67	2,11	1,30	212
3/4"	SCH40S	26,67	2,87	1,71	289
3/4"	SCH80S	26,67	3,91	2,23	393
3/4"	SCH160	26,67	5,56	2,93	559
3/4"	SCHXXS	26,67	7,82	3,69	878
1"	SCH10S	33,40	2,77	2,13	223
1"	SCH40S	33,40	3,38	2,54	272
1"	SCH80S	33,40	4,55	3,29	366
1"	SCH160	33,40	6,35	4,31	510
1"	SCHXXS	33,40	9,09	5,54	787
1 1/4"	SCH10S	42,16	2,77	2,73	176
1 1/4"	SCH40S	42,16	3,56	3,44	227
1 1/4"	SCH80S	42,16	4,85	4,53	309
1 1/4"	SCH160	42,16	6,35	5,69	404
1 1/2"	SCH10S	48,26	2,77	3,15	154
1 1/2"	SCH40S	48,26	3,68	4,12	205
1 1/2"	SCH80S	48,26	5,08	5,49	282
1 1/2"	SCH160	48,26	7,14	7,35	397
2"	SCH10S	60,32	2,77	3,99	123
2"	SCH40S	60,32	3,91	5,52	174
2"	SCH80S	60,32	5,54	7,60	246
2"	SCH160	60,32	8,74	11,26	389
2 1/2"	SCH10S	73,03	3,05	5,34	112
2 1/2"	SCH40S	73,03	5,16	8,77	190
2 1/2"	SCH80S	73,03	7,01	11,58	258
2 1/2"	SCH160	73,03	9,52	15,15	350
3"	SCH10S	88,90	3,05	6,56	92
3"	SCH40S	88,90	5,49	11,47	166
3"	SCH80S	88,90	7,62	15,51	230
3"	SCH160	88,90	11,13	21,67	336
3 1/2"	SCH10S	101,60	3,05	7,53	81
3 1/2"	SCH40S	101,60	5,74	13,78	152
4"	SCH10S	114,30	3,05	8,50	72
4"	SCH40S	114,30	6,02	16,32	141
4"	SCH80S	114,30	8,56	22,67	201
4"	SCH160	114,30	13,49	34,05	317
5"	SCH10S	141,30	3,40	11,74	65
5"	SCH40S	141,30	6,55	22,10	124
5"	SCH80S	141,30	9,53	31,44	181
6"	SCH10S	168,28	3,40	14,04	54
6"	SCH40S	168,28	7,11	28,69	113
6"	SCH80S	168,28	10,97	43,21	175
6"	SCH160	168,28	18,26	68,53	291
8"	SCH10S	219,08	3,76	20,27	46
8"	SCH40S	219,08	8,18	43,20	100
8"	SCH80S	219,08	12,70	65,63	156
8"	SCH160	219,08	23,01	112,97	282

* Workingpressure based on alloy 304 at a temperature of 20° C

Steel precision tubes

amari metals

Steel E235+N/37.4-NBK
Cr.VI-free galvanised

Staal E235+N/37.4-NBK Cr.VI-free galvanised
Seamless colddrawn high pressure tubes
according to EN 10305-4 (DIN 2445-2) external
surface electrolytic galvanised
E235+N (St. 37.4 - NBK), annealed, Eddy Current
tested, inside oiled, plugged, 6000 mm lengths

O.D. mm	Wall mm	I.D. mm	kg/m	max. werkdruk in bar met 3.1 certificaat
4	0,50	3,00	0,043	235
4	0,75	2,50	0,060	382
4	1,00	2,00	0,074	529
5	0,75	3,50	0,079	306
5	1,00	3,00	0,099	423
6	0,75	4,50	0,097	255
6	1,00	4,00	0,123	353
6	1,50	3,00	0,166	548
6	2,00	2,00	0,197	744
6	2,25	1,50	0,208	842
8	1,00	6,00	0,173	264
8	1,50	5,00	0,240	411
8	2,00	4,00	0,296	558
8	2,50	3,00	0,339	705
10	1,00	8,00	0,222	212
10	1,50	7,00	0,314	329
10	2,00	6,00	0,395	447
10	2,50	5,00	0,462	564
12	1,00	10,00	0,271	176
12	1,50	9,00	0,388	274
12	2,00	8,00	0,493	372
12	2,50	7,00	0,586	470
12	3,00	6,00	0,666	568
14	1,00	12,00	0,321	151
14	1,50	11,00	0,462	235
14	2,00	10,00	0,592	319
14	2,50	9,00	0,709	403
14	3,00	8,00	0,814	487
14	3,50	7,00	0,906	571
15	1,00	13,00	0,345	141
15	1,50	12,00	0,499	219
15	2,00	11,00	0,641	298
15	2,50	10,00	0,771	376
15	3,00	9,00	0,888	454
16	1,00	14,00	0,370	127
16	1,50	13,00	0,536	197
16	2,00	12,00	0,690	267
16	2,50	11,00	0,832	338
16	3,00	10,00	0,962	408
18	1,00	16,00	0,419	113
18	1,50	15,00	0,610	175
18	2,00	14,00	0,789	238
18	2,50	13,00	0,956	300
18	3,00	12,00	1,110	363
20	1,00	18,00	0,469	101

O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
20	1,50	17,00	0,684	158
20	2,00	16,00	0,888	214
20	2,50	15,00	1,079	270
20	3,00	14,00	1,258	326
20	3,50	13,00	1,424	383
20	4,00	12,00	1,578	439
22	1,00	20,00	0,518	92
22	1,50	19,00	0,758	143
22	2,00	18,00	0,986	194
22	2,50	17,00	1,202	245
22	3,00	16,00	1,406	297
22	3,50	15,00	1,597	348
22	4,00	14,00	1,776	399
25	1,00	23,00	0,592	81
25	1,50	22,00	0,869	126
25	2,00	21,00	1,134	171
25	2,50	20,00	1,387	216
25	3,00	19,00	1,628	261
25	3,50	18,00	1,856	306
25	4,00	17,00	2,071	351
25	4,50	16,00	2,275	396
25	5,00	15,00	2,466	441
28	1,50	25,00	0,980	113
28	2,00	24,00	1,282	153
28	2,50	23,00	1,572	193
28	3,00	22,00	1,850	233
28	3,50	21,00	2,115	273
28	4,00	20,00	2,367	313
28	4,50	19,00	2,608	354
28	5,00	18,00	2,836	394
30	2,00	26,00	1,381	143
30	2,50	25,00	1,695	180
30	3,00	24,00	1,997	218
30	3,50	23,00	2,287	255
30	4,00	22,00	2,565	293
30	4,50	21,00	2,830	330
30	5,00	20,00	3,083	368
30	6,00	18,00	3,551	443
35	2,00	31,00	1,628	122
35	2,50	30,00	2,004	154
35	3,00	29,00	2,367	186
35	3,50	28,00	2,719	219
35	4,00	27,00	3,058	251
35	4,50	26,00	3,385	283
35	5,00	25,00	3,699	315
35	6,00	23,00	4,291	379
38	2,00	34,00	1,776	113
38	2,50	33,00	2,189	142
38	3,00	32,00	2,589	172
38	3,50	31,00	2,978	201
38	4,00	30,00	3,354	231
38	4,50	29,00	3,717	261
38	5,00	28,00	4,069	290
38	6,00	26,00	4,735	349
38	7,00	24,00	5,351	409
42	2,00	38,00	1,973	97
42	3,00	36,00	2,885	148
42	4,00	34,00	3,748	200
50	6,00	38,00	6,510	254
50	9,00	32,00	9,100	383
65	8,00	49,00	11,245	261
80	10,00	60,00	17,262	266

*Workingpressure based on alloy 304 at a temperature of 20° C

Steel E235+N/37.4-NBK Phosphated

amari metals

Staal E235+N/37.4-NBK Phosphated
Seamless colddrawn high pressure tubes
according to EN 10305-4 (DIN 2445-2) external
surface electrolytic galvanised
E235+N (St. 37.4 - NBK, annealed, Eddy Current
tested, inside oiled, plugged, 6000 mm lengths

O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
4	0,50	3,00	0,043	235
4	0,75	2,50	0,060	382
4	1,00	2,00	0,074	529
5	0,75	3,50	0,079	306
5	1,00	3,00	0,099	423
6	0,75	4,50	0,097	255
6	1,00	4,00	0,123	353
6	1,50	3,00	0,166	548
6	2,00	2,00	0,197	744
6	2,25	1,50	0,208	842
8	1,00	6,00	0,173	264
8	1,50	5,00	0,240	411
8	2,00	4,00	0,296	558
8	2,50	3,00	0,339	705
10	1,00	8,00	0,222	212
10	1,50	7,00	0,314	329
10	2,00	6,00	0,395	447
10	2,50	5,00	0,462	564
12	1,00	10,00	0,271	176
12	1,50	9,00	0,388	274
12	2,00	8,00	0,493	372
12	2,50	7,00	0,586	470
12	3,00	6,00	0,666	568
14	1,00	12,00	0,321	151
14	1,50	11,00	0,462	235
14	2,00	10,00	0,592	319
14	2,50	9,00	0,709	403
14	3,00	8,00	0,814	487
14	3,50	7,00	0,906	571
15	1,00	13,00	0,345	141
15	1,50	12,00	0,499	219
15	2,00	11,00	0,641	298
15	2,50	10,00	0,771	376
15	3,00	9,00	0,888	454
16	1,00	14,00	0,370	127
16	1,50	13,00	0,536	197
16	2,00	12,00	0,690	267
16	2,50	11,00	0,832	338
16	3,00	10,00	0,962	408
18	1,00	16,00	0,419	113
18	1,50	15,00	0,610	175
18	2,00	14,00	0,789	238
18	2,50	13,00	0,956	300
18	3,00	12,00	1,110	363
20	1,00	18,00	0,469	101
20	1,50	17,00	0,684	158
20	2,00	16,00	0,888	214
20	2,50	15,00	1,079	270
20	3,00	14,00	1,258	326
20	3,50	13,00	1,424	383
20	4,00	12,00	1,578	439

O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
22	1,00	20,00	0,518	92
22	1,50	19,00	0,758	143
22	2,00	18,00	0,986	194
22	2,50	17,00	1,202	245
22	3,00	16,00	1,406	297
22	3,50	15,00	1,597	348
22	4,00	14,00	1,776	399
25	1,00	23,00	0,592	81
25	1,50	22,00	0,869	126
25	2,00	21,00	1,134	171
25	2,50	20,00	1,387	216
25	3,00	19,00	1,628	261
25	3,50	18,00	1,856	306
25	4,00	17,00	2,071	351
25	4,50	16,00	2,275	396
25	5,00	15,00	2,466	441
28	1,50	25,00	0,980	113
28	2,00	24,00	1,282	153
28	2,50	23,00	1,572	193
28	3,00	22,00	1,850	233
28	3,50	21,00	2,115	273
28	4,00	20,00	2,367	313
28	4,50	19,00	2,608	354
28	5,00	18,00	2,836	394
30	2,00	26,00	1,381	143
30	2,50	25,00	1,695	180
30	3,00	24,00	1,997	218
30	3,50	23,00	2,287	255
30	4,00	22,00	2,565	293
30	4,50	21,00	2,830	330
30	5,00	20,00	3,083	368
30	6,00	18,00	3,551	443
35	2,00	31,00	1,628	122
35	2,50	30,00	2,004	154
35	3,00	29,00	2,367	186
35	3,50	28,00	2,719	219
35	4,00	27,00	3,058	251
35	4,50	26,00	3,385	283
35	5,00	25,00	3,699	315
35	6,00	23,00	4,291	379
38	2,00	34,00	1,776	113
38	2,50	33,00	2,189	142
38	3,00	32,00	2,589	172
38	3,50	31,00	2,978	201
38	4,00	30,00	3,354	231
38	4,50	29,00	3,717	261
38	5,00	28,00	4,069	290
38	6,00	26,00	4,735	349
38	7,00	24,00	5,351	409
42	2,00	38,00	1,973	97
42	3,00	36,00	2,885	148
42	4,00	34,00	3,748	200
50	6,00	38,00	6,510	254
50	9,00	32,00	9,100	383
65	8,00	49,00	11,245	261
80	10,00	60,00	17,262	266

*Workingpressure based at a temperature of 20° C

Steel E355+N/52.4-NBK
Cr.VI-free galvanised

amari metals

Staal E355+N/52.4-NBK Cr.VI-free galvanised
Seamless colddrawn high pressure tubes
according to EN 10305-4 (DIN 2445-2) external
surface electrolytic galvanised
E355+N (St. 52.4 - NBK), annealed, Eddy Current
tested, inside oiled, plugged, 6000 mm lengths

O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
4	0,50	3,00	0,043	355
4	0,75	2,50	0,060	577
4	1,00	2,00	0,074	799
5	0,75	3,50	0,079	462
5	1,00	3,00	0,099	639
6	0,75	4,50	0,097	385
6	1,00	4,00	0,123	533
6	1,50	3,00	0,166	828
6	2,00	2,00	0,197	1124
6	2,25	1,50	0,208	1272
8	1,00	6,00	0,173	399
8	1,50	5,00	0,240	621
8	2,00	4,00	0,296	843
8	2,50	3,00	0,339	1065
10	1,00	8,00	0,222	320
10	1,50	7,00	0,314	497
10	2,00	6,00	0,395	675
10	2,50	5,00	0,462	852
12	1,00	10,00	0,271	266
12	1,50	9,00	0,388	414
12	2,00	8,00	0,493	562
12	2,50	7,00	0,586	710
12	3,00	6,00	0,666	858
14	1,00	12,00	0,321	228
14	1,50	11,00	0,462	355
14	2,00	10,00	0,592	482
14	2,50	9,00	0,709	609
14	3,00	8,00	0,814	735
14	3,50	7,00	0,906	862
15	1,00	13,00	0,345	213
15	1,50	12,00	0,499	331
15	2,00	11,00	0,641	450
15	2,50	10,00	0,771	568
15	3,00	9,00	0,888	686
16	1,00	14,00	0,370	194
16	1,50	13,00	0,536	302
16	2,00	12,00	0,690	410
16	2,50	11,00	0,832	518
16	3,00	10,00	0,962	625
18	1,00	16,00	0,419	173
18	1,50	15,00	0,610	268
18	2,00	14,00	0,789	364
18	2,50	13,00	0,956	460
18	3,00	12,00	1,110	556
20	1,00	18,00	0,469	155
20	1,50	17,00	0,684	242
20	2,00	16,00	0,888	328
20	2,50	15,00	1,079	414
20	3,00	14,00	1,258	500
20	3,50	13,00	1,424	587
20	4,00	12,00	1,578	673
22	1,00	20,00	0,518	141

O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
22	1,50	19,00	0,758	220
22	2,00	18,00	0,986	298
22	2,50	17,00	1,202	376
22	3,00	16,00	1,406	455
22	3,50	15,00	1,597	533
22	4,00	14,00	1,776	612
25	1,00	23,00	0,592	124
25	1,50	22,00	0,869	193
25	2,00	21,00	1,134	262
25	2,50	20,00	1,387	331
25	3,00	19,00	1,628	400
25	3,50	18,00	1,856	469
25	4,00	17,00	2,071	538
25	4,50	16,00	2,275	607
25	5,00	15,00	2,466	676
28	1,50	25,00	0,980	173
28	2,00	24,00	1,282	234
28	2,50	23,00	1,572	269
28	3,00	22,00	1,850	357
28	3,50	21,00	2,115	419
28	4,00	20,00	2,367	481
28	4,50	19,00	2,608	542
28	5,00	18,00	2,836	604
30	2,00	26,00	1,381	219
30	2,50	25,00	1,695	276
30	3,00	24,00	1,997	334
30	3,50	23,00	2,287	391
30	4,00	22,00	2,565	449
30	4,50	21,00	2,830	506
30	5,00	20,00	3,083	564
30	6,00	18,00	3,551	679
35	2,00	31,00	1,628	187
35	2,50	30,00	2,004	237
35	3,00	29,00	2,367	286
35	3,50	28,00	2,719	335
35	4,00	27,00	3,058	384
35	4,50	26,00	3,385	434
35	5,00	25,00	3,699	483
35	6,00	23,00	4,291	582
38	2,00	34,00	1,776	173
38	2,50	33,00	2,189	218
38	3,00	32,00	2,589	263
38	3,50	31,00	2,978	309
38	4,00	30,00	3,354	354
38	4,50	29,00	3,717	399
38	5,00	28,00	4,069	445
38	6,00	26,00	4,735	536
38	7,00	24,00	5,351	626
42	2,00	38,00	1,973	161
42	3,00	36,00	2,885	245
42	4,00	34,00	3,748	330
50	6,00	38,00	6,510	419
50	9,00	32,00	9,100	632
65	8,00	49,00	11,245	431
80	10,00	60,00	17,262	439

*Workingpressure based at a temperature of 20° C

Staal E355+N/52.4-NBK Phosphated
Seamless colddrawn high pressure tubes
according to EN 10305-4 (DIN 2445-2) external
surface electrolytic galvanised
E355+N (St. 52.4 - NBK), annealed, Eddy Current
tested, inside oiled, plugged, 6000 mm lengths



O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate	O.D. mm	Wall mm	I.D. mm	kg/m	Max. working press. in bar incl. 3.1 certificate
4	0,50	3,00	0,043	355	22	2,50	17,00	1,202	376
4	0,75	2,50	0,060	577	22	3,00	16,00	1,406	455
4	1,00	2,00	0,074	799	22	3,50	15,00	1,597	533
5	0,75	3,50	0,079	462	22	4,00	14,00	1,776	612
5	1,00	3,00	0,099	639	25	1,00	23,00	0,592	124
6	0,75	4,50	0,097	385	25	1,50	22,00	0,869	193
6	1,00	4,00	0,123	533	25	2,00	21,00	1,134	262
6	1,50	3,00	0,166	828	25	2,50	20,00	1,387	331
6	2,00	2,00	0,197	1124	25	3,00	19,00	1,628	400
6	2,25	1,50	0,208	1272	25	3,50	18,00	1,856	469
8	1,00	6,00	0,173	399	25	4,00	17,00	2,071	538
8	1,50	5,00	0,240	621	25	4,50	16,00	2,275	607
8	2,00	4,00	0,296	843	25	5,00	15,00	2,466	676
8	2,50	3,00	0,339	1065	28	1,50	25,00	0,980	173
10	1,00	8,00	0,222	320	28	2,00	24,00	1,282	234
10	1,50	7,00	0,314	497	28	2,50	23,00	1,572	269
10	2,00	6,00	0,395	675	28	3,00	22,00	1,850	357
10	2,50	5,00	0,462	852	28	3,50	21,00	2,115	419
12	1,00	10,00	0,271	266	28	4,00	20,00	2,367	481
12	1,50	9,00	0,388	414	28	4,50	19,00	2,608	542
12	2,00	8,00	0,493	562	28	5,00	18,00	2,836	604
12	2,50	7,00	0,586	710	30	2,00	26,00	1,381	219
12	3,00	6,00	0,666	858	30	2,50	25,00	1,695	276
14	1,00	12,00	0,321	228	30	3,00	24,00	1,997	334
14	1,50	11,00	0,462	355	30	3,50	23,00	2,287	391
14	2,00	10,00	0,592	482	30	4,00	22,00	2,565	449
14	2,50	9,00	0,709	609	30	4,50	21,00	2,830	506
14	3,00	8,00	0,814	735	30	5,00	20,00	3,083	564
14	3,50	7,00	0,906	862	30	6,00	18,00	3,551	679
15	1,00	13,00	0,345	213	35	2,00	31,00	1,628	187
15	1,50	12,00	0,499	331	35	2,50	30,00	2,004	237
15	2,00	11,00	0,641	450	35	3,00	29,00	2,367	286
15	2,50	10,00	0,771	568	35	3,50	28,00	2,719	335
15	3,00	9,00	0,888	686	35	4,00	27,00	3,058	384
16	1,00	14,00	0,370	194	35	4,50	26,00	3,385	434
16	1,50	13,00	0,536	302	35	5,00	25,00	3,699	483
16	2,00	12,00	0,690	410	35	6,00	23,00	4,291	582
16	2,50	11,00	0,832	518	38	2,00	34,00	1,776	173
16	3,00	10,00	0,962	625	38	2,50	33,00	2,189	218
18	1,00	16,00	0,419	173	38	3,00	32,00	2,589	263
18	1,50	15,00	0,610	268	38	3,50	31,00	2,978	309
18	2,00	14,00	0,789	364	38	4,00	30,00	3,354	354
18	2,50	13,00	0,956	460	38	4,50	29,00	3,717	399
18	3,00	12,00	1,110	556	38	5,00	28,00	4,069	445
20	1,00	18,00	0,469	155	38	6,00	26,00	4,735	536
20	1,50	17,00	0,684	242	38	7,00	24,00	5,351	626
20	2,00	16,00	0,888	328	42	2,00	38,00	1,973	161
20	2,50	15,00	1,079	414	42	3,00	36,00	2,885	245
20	3,00	14,00	1,258	500	42	4,00	34,00	3,748	330
20	3,50	13,00	1,424	587	50	6,00	38,00	6,510	419
20	4,00	12,00	1,578	673	50	9,00	32,00	9,100	632
22	1,00	20,00	0,518	141	65	8,00	49,00	11,245	431
22	1,50	19,00	0,758	220	80	10,00	60,00	17,262	439
22	2,00	18,00	0,986	298					

*Workingpressure based at a temperature of 20° C

All advantages at a glance:

- Collaboration with renowned manufacturers of both stainless steel and steel
- Wide choice thanks to comprehensive programme
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