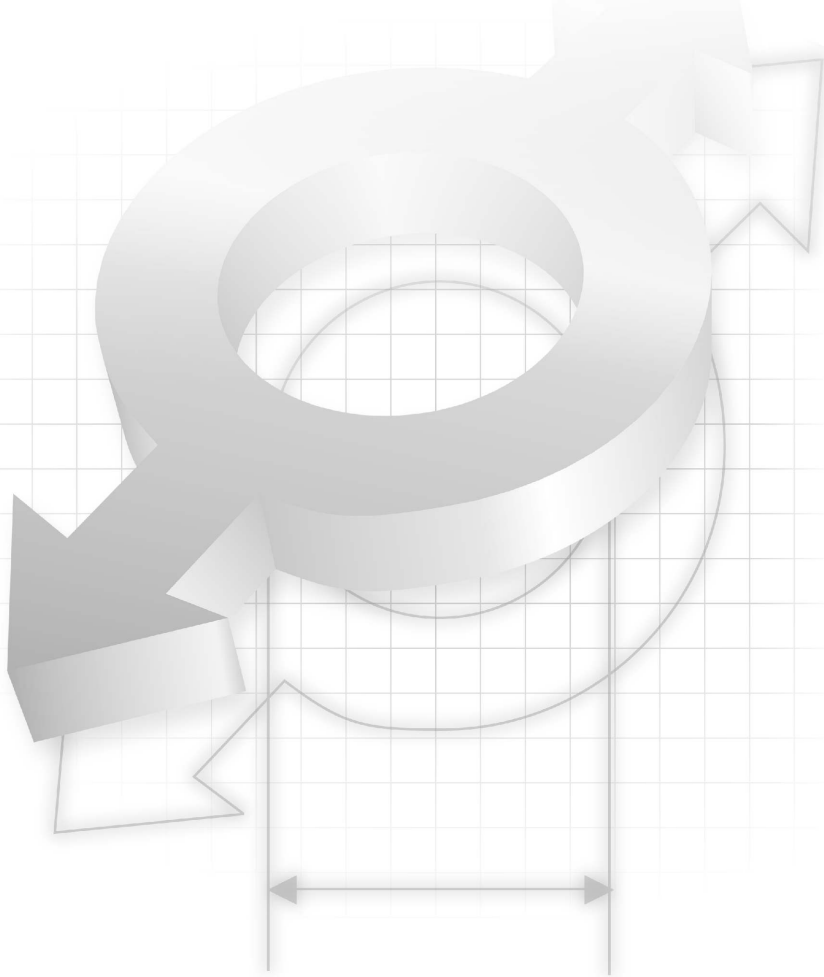




# *Aluminium*

## **Standard Profiles**





## Table of Contents

●	Round Bars . . . . .	6
■	Square Bars . . . . .	7
⬡	Hexagonal Bars . . . . .	7
—	Flat Bars . . . . .	8
L	L-profiles . . . . .	10
C	U-profiles . . . . .	11
T	T-profiles . . . . .	12
H	I-profiles . . . . .	12
Z	Z-profiles . . . . .	13
○	Round Tubes . . . . .	14
□	Square Tubes . . . . .	16
▭	Rectangular Tubes . . . . .	17
◌	Oval Tubes . . . . .	18
⬡	Hexagonal Tubes . . . . .	18
	Delivery Terms . . . . .	19

During catalogue validity period, demand may cause changes in our product selection. Before finalising plans, please check with our sales department to make sure that the profile tool in question is available.



# NORDIC ALUMINIUM

*In your hands you have the Nordic Aluminium standard profile directory where you will find the most important facts about the standard profiles in our selections. The directory contains shapes and dimensions, as well as general information about aluminium as raw material, aluminium surface treatment and upgrading production. You will find the delivery terms in the back part of the directory.*

*Please contact our sales department for additional information. You will find the contact information on the last page of this directory.*



# Nordic Aluminium Standard Profiles



## Aluminium as raw material

Aluminium is easy to process. In only one stage of production complex profiles can be extruded. The result is a light, corrosion resistant and competitively priced product. Aluminium is easy to recycle and it is even more nature friendly thanks to the low energy amount which is needed for remelting. This is only 5 % of the amount needed for the manufacturing of primary aluminium. The natural corrosion resistance of the metal can be still improved by surface treatment, e.g. anodizing. Anodizing gives the aluminium pieces an extremely hard surface which does not harm the recycling.



## Surface treatment of aluminium

When the colour is important and the natural colours of the metal are not appropriate the surface can be given a desired colour by anodizing or painting. Metallic, softly shining surfaces can be generated by anodizing. Painting aluminium offers more colour alternatives than anodizing. Powder painting offers several alternative colours and gloss grades because the entire RAL-colour range is at your disposal. Our decorative surface treatment method DECORAL offers even more alternatives.



## Anodizing colour shades

- Natural coloured (EN 000)
- Bronze shades (EK 22, EK 24 ja EK 26)
- Black (EK 29)
- Red (EK 30 ja EK 34)
- Gold (EK 40, EK 42 ja EK 44)

## Anodized aluminium is suitable for

- Building Facades
- Windows and Doors
- Panels and Supporting Bars
- Transport Equipment
- Flagpoles and Pillars
- Indoor and Outdoor Furniture





### **Colour alternatives**

Generally we use colours according to the RAL-chart and with gloss grade 75. The paint manufacturers' stock colours have the quickest delivery time. Special colours can be ordered. Please take account of batch size and paint powder cost when choosing special colours.

Powder painted profiles are well suitable for

- Facades
- Windows and Doors
- Interior Decoration and Furniture

### **Cutting and upgrading of standard profiles**

When necessary we deliver the profiles cut to fixed size. Also different upgrading possibilities are at your disposal.



# ROUND BARS



## Specification example

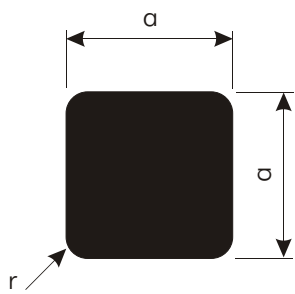
Round bar d (diameter) prof.nr  
e.g. Round bar 50 Nr-211

d		weight kg/m	profile nr
mm	inch		
5		0,053	6635
6		0,076	145
7		0,10	1924
8		0,14	6636
8,5		0,15	6395
10		0,21	851
11		0,26	1863
12		0,31	1136
14		0,42	1137
14,5		0,45	67
15		0,48	1
16		0,54	857
16,5		0,58	838
18		0,69	143
19		0,77	98
20		0,85	721
21		0,94	434
22		1,03	357
23		1,12	858
25		1,33	147
26		1,43	172
28		1,66	1457
28,57	1 1/8	1,73	2751
30		1,91	224
32		2,17	275
33		2,31	1908
35		2,60	1075
37		2,90	1556
38		3,06	6637
40		3,39	837
42		3,74	1205
45		4,29	338
47		4,68	222
50		5,30	211
55		6,41	1105
57		6,89	12294

d		weight kg/m	profile nr
mm	inch		
60		7,63	452
60,32	2 3/8	7,72	2756
65		8,96	362
67		9,52	13750
70		10,39	301
75		11,93	340
76		12,25	363
80		13,57	158
85		15,32	341
90		17,18	1895
95		19,13	9077
96		19,50	17048
100		21,21	751
102		22,06	1771
105		23,38	9236
110		25,66	1985
120		30,54	2955



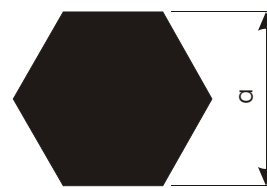
## SQUARE BARS



### Specification example

Square bar  
a (width across flats) prof.nr  
e.g. Square bar 50 Nr-2344

## HEXAGONAL BARS



### Specification example

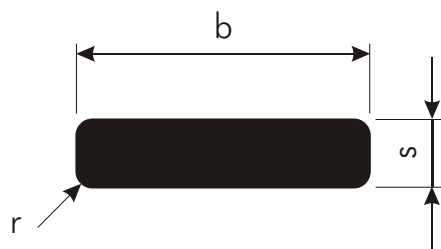
Hexagonal bar  
a (width across flats) prof.nr  
e.g. Hexagonal bar 40  
Nr-5619

a mm	r mm	weight kg/m	profile nr
5	-	0,07	12950
7	-	0,13	1797
10	-	0,27	355
12,5	1	0,42	3490
15	-	0,61	454
20	-	1,08	157
25	-	1,69	3450
26,5	-	1,90	11566
30	-	2,43	1702
36	-	3,50	1101
38	6,5	3,80	5184
38,1	-	3,92	2771
40	-	4,32	4440
41	-	4,54	977
43	-	4,99	11157
45	-	5,47	1504
50	-	6,75	2344
52	-	7,30	6546
53	7	7,52	5193
60	2,5	9,71	4250
70	-	13,23	1030
75	9	15,00	744
80	-	17,28	6604
90	-	21,87	6586
100	-	27,00	6585
100	2,5	26,99	4253

a mm	weight kg/m	profile nr
6	0,084	2599
8	0,15	4177
10	0,23	5234
11	0,28	559
12	0,34	2040
14	0,46	731
15	0,53	1099
17	0,68	2041
18	0,76	1001
22	1,11	134
24	1,35	1429
27	1,70	2044
32	2,39	2049
36	3,03	5333
40	3,74	5619
42	4,13	9848
56	7,33	2048



# FLAT BARS



## Specification example

Flat bar  $b \times s$  prof.nr  
e.g. Flat bar  $50 \times 10$  Nr-982

b mm	s mm	r mm	weight kg/m	profile nro
8	3	-	0,06	4011
10	2	-	0,05	3022
10	3	-	0,08	11472
10	6	-	0,16	2516
12	3	-	0,10	1182
12	4	-	0,13	923
12	4	2	0,12	4132
12	5	-	0,16	2492
15	3	-	0,12	4
15	4	-	0,16	2980
15	5	-	0,20	182
15	6	-	0,24	4385
15	10	-	0,41	2313
17	10	-	0,46	4386
18	15	2	0,72	862
20	2	-	0,11	178
20	3	-	0,16	5
20	4	-	0,22	1350
20	5	-	0,27	81
20	5	1	0,27	1531
20	6	-	0,32	5516
20	6,5	-	0,35	4309
20	8	-	0,43	1043
20	10	-	0,54	8215
20	10	1	0,54	2535
20	12	1	0,65	3739
20	15	-	0,81	1186
24	2	-	0,13	9950
25	2	-	0,14	79
25	3	1	0,20	477
25	4	-	0,27	6
25	5	-	0,34	82
25	6	-	0,41	17098
25	8	1,5	0,53	475
25	10	-	0,68	30
27	3	-	0,22	1152
28	5	1	0,38	840
28	11,5	1	0,87	5217
30	1,5	-	0,12	165
30	2	0,8	0,16	6062
30	3	-	0,24	80
30	4	-	0,32	48

b mm	s mm	r mm	weight kg/m	profile nro
30	4	-	0,32	3830
30	5	-	0,41	7
30	8	-	0,65	116
30	10	-	0,81	327
30	10	1	0,81	4273
30	14	1	1,13	3088
30	20	1	1,62	16200
32	3	0,8	0,26	4575
32	8	2	0,68	9655
32	25	-	2,16	4223
35	3	-	0,28	49
35	4	-	0,38	1093
35	10	-	0,95	2574
35	15	-	1,42	2813
35	20	-	1,89	1304
37	2	-	0,20	9952
38	2,5	0,8	0,26	4416
40	2	-	0,22	179
40	3	-	0,32	771
40	4	-	0,43	167
40	5	-	0,54	2
40	5	1	0,54	1532
40	6	-	0,65	1377
40	6	2	0,64	4039
40	8	-	0,86	3169
40	10	-	1,08	729
40	10	1	1,08	1486
40	15	-	1,62	1204
40	20	-	2,16	2738
42	6	-	0,68	2631
45	4	-	0,49	2989
45	6	-	0,73	1068
45	8	-	0,97	4424
45	15	-	1,82	544
45	19	-	2,31	546
45	20	-	2,43	3090
45	25	-	3,04	548
45	30	-	3,65	748
48	2,5	1	0,32	6063
48,5	2	-	0,26	16794
50	2	-	0,27	5258
50	3	-	0,41	1456



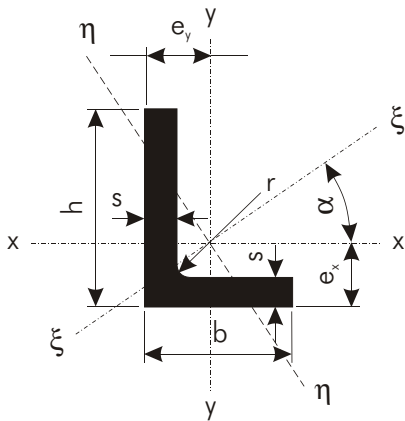
b mm	s mm	r mm	weight kg/m	profile nro
50	4	-	0,54	3801
50	4	1	0,54	8419
50	5	1	0,67	1533
50	5	-	0,68	89
50	6	-	0,81	8
50	6	1	0,81	8418
50	6,5	-	0,88	2998
50	7	-	0,95	2999
50	7,5	-	1,01	3000
50	8	1,5	1,07	732
50	8	-	1,08	820
50	9	-	1,22	3002
50	10	-	1,35	982
50	10	1	1,35	1222
50	12	-	1,62	3006
50	14,5	-	1,96	3805
50	15	1	2,02	2924
50	15,5	-	2,09	3806
50	20	-	2,70	541
50	20	5	2,64	10387
50	25	-	3,38	521
50	40	-	5,40	3668
53	16	-	2,29	1987
55	14	1	2,08	1417
60	2	-	0,32	1238
60	4	1	0,65	6052
60	5	-	0,81	817
60	5	1	0,81	1534
60	6	-	0,97	519
60	8	-	1,30	1161
60	8	1	1,29	8417
60	10	-	1,62	494
60	10	1	1,62	1487
60	10	-	1,62	17299
60	12	-	1,94	187
60	15	-	2,43	978
60	20	-	3,24	518
60	25	-	4,05	520
60	36	-	5,83	7357
60	40	-	6,48	1496
60	50	1	8,10	7293
65	5	-	0,88	513
66	30	-	5,35	6755
68	35	1	6,43	4096
70	2	-	0,38	2782
70	5	-	0,95	816
70	6	1	1,13	8528
70	7	-	1,32	4479
70	15	-	2,84	188
70	40	-	7,56	3670
75	6	-	1,22	493
75	8	-	1,62	10008
75	10	1	2,02	1221
75	15	1	3,04	3698

b mm	s mm	r mm	weight kg/m	profile nro
75	53	2	10,72	4355
80	5	-	1,08	983
80	6	1	1,30	17512
80	8	-	1,73	1647
80	10	-	2,16	981
80	10	1	2,16	1535
80	12	1	2,59	8245
80	15	-	3,24	4144
80	20	-	4,14	19503
80	25	-	5,40	1184
80	25	1	5,40	4282
80	30	-	6,48	749
80	50	-	10,80	1107
85	17	-	3,90	22184
86	43	-	9,98	3301
87	67	-	15,74	3208
90	2	-	0,49	737
90	3	-	0,73	5210
90	8	-	1,95	5749
100	5	-	1,35	468
100	6	-	1,62	88
100	10	-	2,70	485
100	10	1	2,70	1620
100	12	-	3,24	491
100	12	1	3,24	1488
100	15	-	4,05	4271
100	20	-	5,40	1118
100	20	5	5,34	11822
100	25	-	6,75	1012
100	32	-	8,64	789
100	37	-	9,99	1752
100	40	-	10,80	1639
100	50	2	13,49	9061
100	54	-	14,58	1406
100	80	2	21,58	8935
110	10	-	2,97	7015
118	8	1	2,55	2677
120	4	-	1,30	5211
120	10	-	3,24	1287
120	10	1	3,24	1536
120	12	1	3,89	4327
120	15	1	4,86	1918
120	20	1,5	6,48	6594
120	50	-	16,20	3655
120	70	1	22,60	5953
120	80	1	26,40	13020
125	5	-	1,69	456
125	12	-	4,05	11083
125	40	-	13,50	9078
130	10	-	3,51	11872
140	15	-	5,67	1407
150	8	-	3,24	492
150	10	-	4,05	1294
150	12	-	4,86	496

b mm	s mm	r mm	weight kg/m	profile nro
150	15	-	6,07	17269
150	15	-	6,08	18514
150	20	-	8,10	1874
150	25	3	10,12	8645
150	35	0,5	14,17	14046
150	51	1	20,70	20701
150	70	4	28,31	4497
160	8	-	3,46	11452
160	10	1	4,32	13046
160	20	-	8,63	20818
162	72	2	31,48	9716
169	49	-	22,35	20819
169	58	1	26,47	9652
170	26	1	11,93	2395
175	55	-	25,99	2389
180	12	0,5	5,83	14005
180	30	-	14,58	4209
200	6	1,5	3,24	4345
200	8	-	4,32	17367
200	10	-	5,40	2686
200	15	-	8,10	1875
200	20	-	10,80	3232
210	38	2	21,54	5287
215	3,5	-	2,03	6095
230	15	1	9,31	10510
250	17	1	11,47	10511
265	3,5	-	2,50	6094
280	30	1	22,68	2427
290	32,5	3	25,43	11109
300	11	0,8	8,91	7627
300	26	0,8	21,50	4736
300	42	3,5	33,99	2946



# L-PROFILES



## Specification example

L-profile  $h \times b \times s$  prof.nr  
e.g. L-50×25×3 Nr-1726

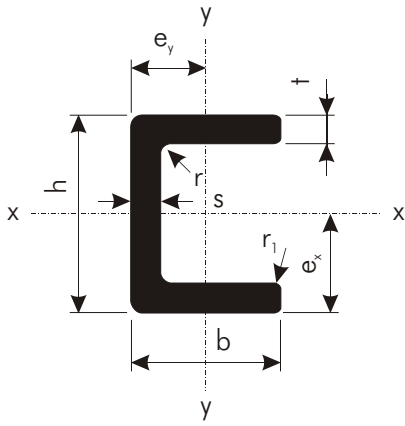
h mm	b mm	s mm	r mm	weight kg/m	profile nro
10	10	1,5	1,5	0,08	511
12	12	2	-	0,12	6671
15	8	1,5	3	0,09	4164
15	10	2	-	0,12	4731
15	15	1,5	1,5	0,12	512
15	15	2	-	0,15	1950
17	15	3	-	0,23	3481
20	6,5	2	-	0,13	2199
20	10	2	-	0,15	2791
20	15	2	1,6	0,18	176
20	20	1,5	-	0,16	2321
20	20	1,7	-	0,18	8914
20	20	2	0,6	0,21	10
20	20	2	-	0,21	1949
20	20	3	2,5	0,30	754
25	25	2	2	0,26	11
25	25	2	-	0,26	2792
25	25	3	2,5	0,38	1143
30	20	2	-	0,26	1235
30	20	3	-	0,38	4917
30	30	2	1,5	0,31	686
30	30	3	-	0,46	5671
30	30	3	3	0,47	12
30	30	4	2,5	0,61	572
30	30	4,5	-	0,69	7435
32	6	2	-	0,19	4756
32	12	1,5	-	0,17	714
32	17	2	-	0,25	798
35	20	4	2,5	0,55	568
35	35	3	2,5	0,55	3
35	35	4	-	0,71	411
40	15	1,5	-	0,22	1668
40	15	3	-	0,42	1782
40	20	2	1,6	0,31	4502
40	20	3	-	0,46	78
40	20	4	-	0,60	6911
40	25	5	-	0,81	2289
40	30	3	-	0,54	5723
40	30	4	2,5	0,72	689
40	32	2	-	0,38	2739
40	40	2	-	0,42	1150
40	40	4	4	0,83	14

h mm	b mm	s mm	r mm	weight kg/m	profile nro
43	34	10	-	1,81	4237
45	45	3	-	0,70	5859
47,5	27	6	2	1,11	3822
50	25	3	2,5	0,59	1726
50	30	3	-	0,62	1481
50	30	4	-	0,82	9095
50	40	3	3	0,71	18471
50	40	5	4	1,16	389
50	50	4	-	1,04	3470
50	50	5	5	1,30	15
50	50	6	5	1,54	5288
52	10	2	-	0,32	5912
55	15	3	-	0,54	1025
60	30	3	2	0,71	17514
60	40	4	2,5	1,04	141
60	40	5	-	1,28	1810
60	40	7	6	1,78	471
60	50	5	7	1,45	490
60	60	4	2	1,26	17516
60	60	6	4	1,86	45
60	60	8	4	2,43	4318
65	25	2	-	0,48	6134
65	35	8	-	1,99	11453
70	13	3	-	0,65	1024
70	50	5	4	1,56	753
70	70	4,7	-	1,72	17689
70	70	7	5	2,53	2632
75	50	6	7	1,96	489
75	50	7	4	2,24	4671
75	50	8	4	2,54	6954
75	65	6	-	2,17	3184
75	65	7	8	2,55	488
77	40	1,8	1	0,56	12989
80	35	5	4	1,49	688
80	50	10	4	3,25	3336
80	80	5	3	2,10	17517
80	80	8	8	3,32	16
80	80	10	-	4,05	2948
85	60	8	1	2,96	6608
95	60	6,5	3	2,61	8712
100	50	5	2	1,96	17513
100	50	6	9	2,38	487

h mm	b mm	s mm	r mm	weight kg/m	profile nro
100	50	7	-	2,7	3174
100	50	8	4	3,08	9186
100	65	7	-	2,99	18515
100	100	4	-	2,12	5973
100	100	10	6	5,15	852
110	35	4	-	1,52	3723
120	60	8	4	3,72	4073
120	120	11	13	6,90	3069
130	65	10	8	5,03	2774
130	75	7	6	3,76	1295
140	50	4	2,5	2,01	4944
150	75	8	6	4,71	3735
150	100	12	6	7,73	1779
150	150	10	12	7,91	6115
150	150	14	13	10,91	5171
200	55	6	4	4,04	5120
215	140	15	1	13,80	11776



# U-PROFILES



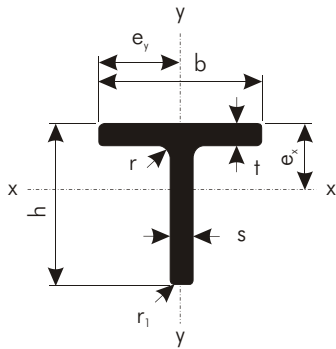
## Specification example

U-profile  $h \times b \times s \times t$  prof.nr  
e.g. U-220×90×4×5 Nr-3480

h mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
9	10	1	1	-	-	0,07	472
12	12	2	2	-	-	0,17	642
13	13	1,5	1,5	1,5	-	0,15	388
14	12	2	2	-	-	0,18	10140
14	30	2	2	-	-	0,38	6182
15	15	1,5	1,5	-	-	0,17	6976
15	15	2	2	-	-	0,22	4854
15	15	2	2	2	-	0,23	17
15	25	1,5	1,5	-	-	0,25	3744
17	15	1	1	-	-	0,12	2322
18	18	2	2	-	-	0,27	7061
18	35	1,5	1,5	-	-	0,34	8211
20	10	2	2	-	-	0,19	900
20	20	2	2	2	-	0,31	18
22	19	2	2	-	-	0,30	2793
25	6	1,2	1,2	-	-	0,11	10542
25	15	2	2	2	-	0,28	19
25	20	2	2	2	-	0,33	828
26,4	10	1,2	1,2	-	-	0,14	7900
27	17	2	2	-	-	0,31	3722
29,5	29,5	2,5	2,5	-	1	0,56	4622
30	20	2	2	-	-	0,36	1270
30	20	3	3	3	-	0,53	20
30	30	1,5	1,5	1,5	-	0,35	879
30	30	3	3	2,5	-	0,69	6394
32	22	2	2	-	-	0,39	4425
32	29	3,5	3	-	-	0,72	443
34,5	32,5	2	2	-	-	0,52	799
35	35	3	3	2,5	-	0,81	538
36	10	2	2	-	-	0,28	954
40	20	2	2	-	-	0,41	736
40	20	4	4	2,5	-	0,78	453
40	25	1,5	1,5	-	-	0,352	14491
40	25	3	3	3	-	0,69	21
40	40	4	4	-	-	1,21	905
47	9	4	2	-	-	0,56	3163
50	9,8	2,5	1,5	-	-	0,40	15057
50	30	3	3	-	-	0,84	17426
53	44	3	3	-	-	1,10	19436
50	30	4	4	4	-	1,12	22
55	55	15	15	2	2	5,47	4376
60	20	4	4	-	-	0,99	1014

h mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
60	30	4	4	2	2	1,21	2972
60	40	3	3	2,5	-	1,09	629
60	40	4	4	2,5	-	1,43	168
60	40	5	5	5	-	1,78	6580
60	60	6	6	4	-	2,74	4317
60	70	4	4	-	-	2,07	20076
61,5	52	4	4	1	1	1,70	8793
65	40	6	6	4	0,6	2,17	526
70	95	3	3	3	-	2,07	830
80	30	4	4	-	-	1,43	17511
80	40	3	3	2,5	-	1,25	70
80	40	4	4	-	-	1,64	17509
80	40	5	5	5	-	2,05	6581
80	40	6	6	4	0,6	2,42	2231
80	45	6	8	6	0,6	3,02	237
80	60	6	6	6	-	3,09	7779
85	130	2,5	2,5	-	-	2,29	3639
100	37,5	8	8	6	4	3,46	2003
100	40	3	3	-	-	1,41	2956
100	40	6	6	4	0,6	2,74	6396
100	50	3	3	3	-	1,58	1110
100	50	5	5	5	-	2,59	6582
100	50	6	9	6	2	3,80	4329
100	50	8	8	6	0,8	4,02	8531
120	45	6	6	4	-	3,23	724
120	45	10	10	1	1	5,13	1576
120	55	4	4	-	-	2,40	5077
120	55	7	9	6	0,6	4,64	2232
120	60	5	5	5	-	3,13	6583
125	73	11	11	3	3	7,40	2800
140	52,5	11	11	3	3	6,62	2365
140	60	6	6	4	-	4,03	1562
140	60	7	10	6	0,6	5,55	882
150	100	10	10	5	-	8,94	1850
160	60	8	12	3	3	6,82	6449
160	60	12	13	3	3	8,29	2719
170	80	6	10	5	-	6,77	1560
175	25	8	8	1	1	4,51	4685
180	67,5	13	13	3	3	10,14	2720
180	75	3	3	3	-	2,63	9347
182	85	10	10	-	-	8,96	6414
200	75	14	20	3	3	14,15	3052
203	59	8	8	3	3	6,59	2799
210	30	10	10	1	1	6,75	4686
220	50	5	5	2	-	4,19	9047
220	60	6	8	-	-	5,90	7161
220	90	4	5	1	1	4,70	3480

# T-PROFILES

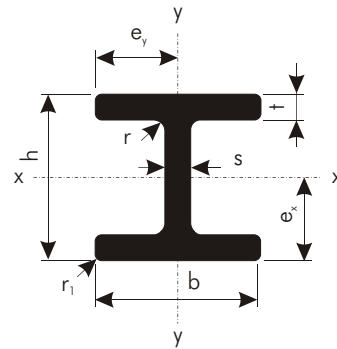


h mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
8	30	2	2	-	-	0,19	4747
12	12	2	2	1	-	0,12	7758
20	15	1	1	-	-	0,09	5579
20	20	2	2	1,6	-	0,21	6393
20	25	2	2,5	-	-	0,26	3851
20	30	2	2	1,6	-	0,26	25
20	50	4	4	1	-	0,71	2641
26,5	50	4	4	1,5	-	0,79	4111
30	30	3	3	2,5	-	0,47	83
35	35	4	4	2,5	-	0,72	569
40	40	4	4	-	-	0,82	2290
43	70	3	4	4	0,6	1,09	406
50	50	4	4	5	-	1,07	2890
50	50	5	5	-	-	1,28	2978
55	105	5	5	3	-	2,10	1436
60	60	6	6	4	0,6	1,87	46
80	50	4	4	-	-	1,36	13749
100	100	9	9	6	0,6	4,68	140

## Specification example

T-profile  $h \times b \times s \times t$  prof.nr  
e.g. T-100×100×9×9 Nr-140

# I-PROFILES

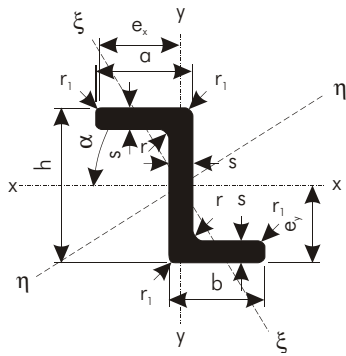


h mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
13,1	13,2	1,1	1,1	-	-	0,11	7300
14	30	2	2	-	-	0,38	383
15	6,5	1	1	-	-	0,07	128
15	20	10	5	-	-	0,67	3226
19	16,5	1,5	1,5	-	-	0,20	4885
30	12	3	3	-	-	0,39	718
40	40	2,5	4	-	-	1,08	4466
60	50	2	4	3	-	1,38	2166
80	50	2	5	3	-	1,75	2167
80	60	5	6	6	-	2,90	6791
96	100	5	8	12	-	5,73	6371
100	75	5	7	5	-	4,05	2271
100	100	7	10	7	0,5	7,02	13175
152	160	6	9	15	-	10,47	6370
175	100	6	8	8	1,5	6,97	5832
200	100	4	7	6	-	5,79	2725
200	200	4,5	12	7,5	-	15,23	2079
206,5	30	2,25	2,25	-	-	1,59	7240
240	160	8	20	5	-	21,66	7754

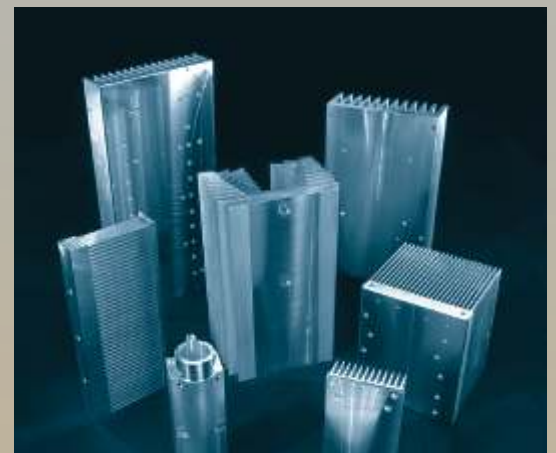
## Specification example

I-profile  $h \times b \times s \times t$  prof.nr  
e.g. I-200×100×4×7 Nr-2725

# Z-PROFILES



h mm	a mm	b mm	s mm	r mm	r <sub>1</sub> mm	weihjt kg/m	profile nro
15	15	15	2,5	-	-	0,27	1002
17,5	17,5	17,5	1,5	-	-	0,18	12810
30	30	28	1,3	-	-	0,66	13538
32	20	12	2	-	-	0,32	12791
32,5	48	48	10	-	-	2,93	4267
50	20	20	3	3	1	0,69	4034
50	30	30	3	-	-	0,84	763
50	40	23	3	-	-	0,87	4924
55	25	25	2	-	-	0,54	13237
60	25	20	4	2	1	1,05	4190
101	30	30	3	-	-	1,26	12332

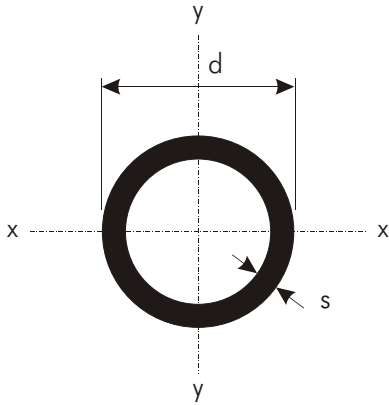


## Specification example

Z-profile  $h \times a \times b \times s$  prof.nr

e.g. Z-101 $\times$ 30 $\times$ 30 $\times$ 3 Nr-12332

# ROUND TUBES



## Specification example

Round tube  $d \times s$  prof.nr  
e.g. Round tube 200×5 Nr-2023

d mm	s mm	weight kg/m	profile nro
6	1	0,042	336
8	1	0,059	255
10	1	0,076	346
10	1,5	0,11	71
10	1,75	0,12	4007
10	2	0,14	1336
11	1,3	0,11	10695
11,5	2,25	0,18	1077
12	1	0,09	522
12	2,5	0,20	941
12,8	1	0,10	274
13	1,5	0,15	11708
13	3,1	0,26	4751
13,9	1	0,11	13064
14,9	1,5	0,17	969
15	1	0,12	191
15	2	0,22	1337
16	1	0,13	279
16	1,5	0,18	448
16	2	0,24	5304
16	2,5	0,29	693
16	4,5	0,44	7515
17	3,5	0,40	943
17	4,25	0,46	1255
18	1,5	0,21	13720
18	2,5	0,33	5305
18	3	0,38	4078
19	1	0,15	273
19	1,5	0,22	308
19,5	5	0,62	20008
20	1	0,16	4299
20	1,5	0,23	5943
20	3	0,43	371
20	4,25	0,57	944
20	5,75	0,70	11450
21,5	1	0,17	5123
22	1	0,18	5748
22	1,5	0,26	163
22	2,5	0,41	15252
22	2	0,34	921
22	3	0,48	1613
22	4,25	0,64	4752
23,5	1,5	0,28	5645
24	4	0,68	463
24	5,25	0,83	945

d mm	s mm	weight kg/m	profile nro
25	1,5	0,30	289
25	2,5	0,48	206
25	3,2	0,59	3682
25	4,75	0,82	946
26	4	0,75	4758
26,7	1,5	0,32	14273
27	1,6	0,34	909
27	2	0,42	1637
28	1,5	0,34	6981
28	1,6	0,36	1106
28	2,5	0,54	1750
28	4	0,81	464
28	5	0,98	6478
28	5,75	1,09	947
28	8,75	1,43	11470
30	1,5	0,36	1004
30	2,3	0,54	73
30	2,6	0,60	11734
30	3	0,69	3010
30	5,65	1,17	948
31,5	3	0,73	9006
32	1	0,26	8210
32	1,5	0,39	9516
32	2	0,51	417
32	4,5	1,05	630
33	5,5	1,28	5036
33	8,25	1,73	9087
34	2	0,54	161
34	3	0,79	1434
34	4	1,02	1234
35	1,5	0,43	523
35	2,5	0,69	74
35	5	1,27	1313
35	7,5	1,75	1053
35	9,5	2,05	465
35	11	2,24	14773
36	2	0,58	6513
36	31	0,84	208
38	1	0,31	633
38	1,5	0,46	9825
38	2	0,61	450
38	7	1,84	3359
39	5,75	1,63	2633
40	2	0,64	1003
40	3	0,94	4604

d mm	s mm	weight kg/m	profile nro
40	3,5	1,08	4574
40	5	1,48	3837
40	5,5	1,61	4760
42	2,5	0,84	4390
42	3	0,99	5044
42	4	1,29	339
42	6	1,83	631
42	8,5	2,42	3258
42	13,5	3,26	3702
45	2,5	0,90	1991
45	3	1,07	4408
45	5	1,70	433
48,3	4	1,50	14210
48,5	4,5	1,68	5511
49	6	2,19	2634
50	1	0,42	1753
50	1,5	0,62	9142
50	2	0,81	722
50	3	1,20	207
50	2,5	1,00	6491
50	3,5	1,38	4409
50	4	1,56	16887
50	5	1,91	1052
50	5,5	2,08	5310
50	7	2,55	7517
50	10,35	3,48	3349
50	17,5	4,82	11758
50,65	1,5	0,63	15615
51,5	2,75	1,14	13859
50,75	1,5	0,63	9036
51,5	5	1,97	12922
52	6,25	2,43	1408
52	7	2,67	6550
53,75	1,5	0,67	15997
55	2,5	1,11	6819
55	6	2,49	1713
55	11,5	4,24	467
56	5	2,16	2590
59	5	2,29	6639
60	1,5	0,74	11368
60	2	0,98	8375
60	2,5	1,22	5208
60	3	1,45	7523
60	3,5	1,68	1603
60	4,5	2,12	19170

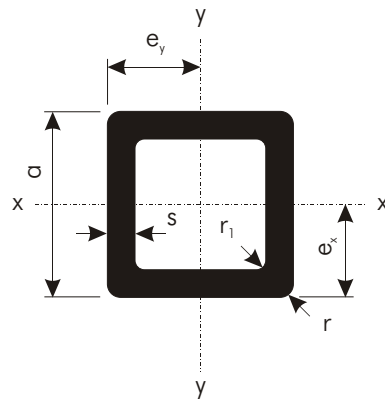
d mm	s mm	weight kg/m	profile nro
60	5	2,33	245
60	6	2,75	17515
60	15	5,72	6174
62,5	8,5	3,89	11293
63	4	2,00	1051
63	7,5	3,53	7518
65	7	3,44	1188
67	2,5	1,37	11338
68	12	5,70	4311
70	2	1,15	2790
70	3	1,70	270
70	5	2,76	6525
70	15,75	7,25	1195
72	10	5,26	17713
72	21	9,08	3382
74	3	1,81	1050
75	3	1,83	451
75	5	2,97	6518
75	7,5	4,29	7519
76	1,5	0,95	5007
76	3	1,86	2054
76	7	4,10	10647
76	15	7,76	3501
80	2	1,32	1974
80	2,5	1,64	2156
80	3,5	2,27	3260
80	5	3,18	4413
80	13	7,39	3570
85	15	8,91	8144
89	5,5	3,90	2798
90	2	1,49	11858
90	2,5	1,86	1604
92	24	13,84	4040
93	13,5	9,10	4042
95	3	2,34	2345
100	2	1,66	1649
100	2,5	2,07	2155
100	3	2,47	7630
100	4	3,26	1583
100	5	4,03	6100
100	6	4,78	1169
100	8	6,24	6534
100	10	7,63	1848
100	12,5	9,28	5083
100	13,5	9,91	10973
100	15	10,81	6566
102	2	1,70	5984
102	3	2,52	5644
102	5	4,11	10141
105	10	8,06	5938
105	13	10,14	3571
108	3	2,67	6622
110	3,5	3,16	705
110	5	4,53	1379
110	26,5	18,77	1846
110	30,5	20,57	10881
114	6	5,50	2797

d mm	s mm	weight kg/m	profile nro
114	9	8,02	2706
118	12,5	11,19	4043
120	2,5	2,49	5506
120	3	2,98	2020
120	4	3,93	6472
120	5	4,88	1682
120	6	5,80	6754
120	10	9,33	6473
120	31,5	23,65	2176
125	5	5,09	4912
125	6,5	6,53	1525
125	7	7,01	8586
125	15	14,00	7524
127	2,64	2,78	2994
127	3,2	3,36	2841
127	7	7,13	10142
127	15,5	14,66	4655
130	10	10,18	4092
130	30	25,45	3110
133	3	3,31	8372
135	15	15,27	14344
140	4	4,61	2882
140	8	8,96	1827
140	10	11,03	3700
145	2,5	3,02	7447
146	3	3,64	7844
150	3	3,74	2021
150	4	4,95	3259
150	5	6,15	1559
150	7	8,49	3719
150	8	9,64	2471
150	12	14,04	6815
150	16,5	18,68	2178
150	21,5	23,43	1845
152	7	8,61	10978
152	9	10,92	10143
155	12,5	15,11	3789
160	5,9	7,71	1866
160	8	10,40	19531
160	10	12,72	2116
162	12	15,27	7717
162,5	12	15,32	11516
165	16	20,22	6740
168	3,4	4,75	2893
168	7	9,56	2796
168	8,5	11,50	9184
175	3,5	5,09	3025
179	10	14,40	17714
180	5	7,42	2534
180	6	8,86	2095
180	17,5	24,12	2937
190	7	10,87	5103
200	3	5,01	6825
200	4	6,65	3024
200	5	8,27	2023
203	16,5	26,10	4356
211	4	7,02	4054

d mm	s mm	weight kg/m	profile nro
212	6	10,5	17715
215	9,5	16,56	4354
219	3,8	6,94	2986
220	6	10,89	2286
220	8	14,38	4859
227	10	18,41	17716
232	7	13,36	2025
240	4	8,00	5979
240	6	11,91	8545



# SQUARE TUBES



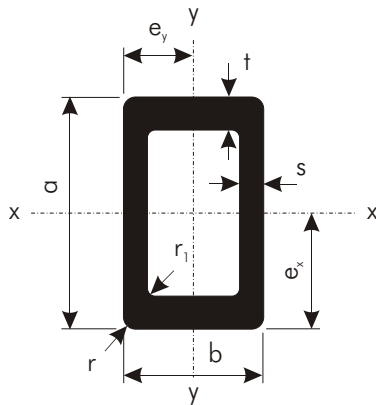
## Specification example

Square tube  $a \times s$  prof.nr  
e.g. Square tube  $50 \times 4$  Nr-2829

a mm	s mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
15	1	2	1	0,14	595
15	1,5	-	-	0,21	4955
16	1,75	7	-	0,27	5050
20	1	-	-	0,21	11386
20	1,5	1,5	-	0,29	1346
25	1,6	-	1	0,41	9503
25	2	2	1	0,49	532
25	3	2	1	0,71	3676
25,3	1,25	-	-	0,32	10886
30	2	1,5	1,5	0,60	370
30	2	4	2	0,58	13803
30	3	3	-	0,85	39
35	2	1,5	1,5	0,71	420
40	2	-	-	0,82	3489
40	3	-	-	1,20	1272
40	3	3	2	1,19	2151
45	2	-	-	0,93	11227
45	4	-	-	1,77	1138
50	3	-	-	1,52	979
50	4	-	-	1,99	2829
60	3,8	3	2	2,29	3500
60	5	1	4	3,00	5612
65	4	-	-	2,64	1725
80	6	2	-	4,79	4866
100	4	4	2	4,12	5569
100	4,4	2	2	4,54	4365
110	6	-	-	6,74	20185
120	9	2	1	10,78	14667
120	13	10	5	15,20	20184
140	3	1,5	-	4,43	3465
148	10	10	10	14,90	6848
160	4	1	3	6,76	2825



# RECTANGULAR TUBES



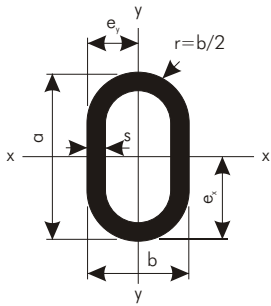
## Specification example

Rectangular tube  $a \times b \times s \times t$  prof.nr  
e.g. Rectangular tube  $70 \times 50 \times 3 \times 4$  Nr-1383

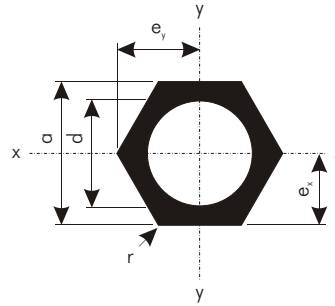
a mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
15	10	1,2	1,2	0,5	-	0,15	14321
18	12	1	1	-	-	0,15	804
20	10	1	1	0,5	0,5	0,15	14417
20	10	1	1	2	1	0,14	3795
20	15	1,5	1,5	-	-	0,26	4673
20,1	14,1	1	1	-	-	0,17	829
24	12	1	1,05	2	1	0,18	7445
25	13	2,5	2,5	2	-	0,44	7287
25	15	1,5	1,5	2	-	0,29	836
25	17,5	1	1	-	-	0,22	18556
25	20	1,25	1,25	-	-	0,29	11388
25	20	1,25	1,25	2	-	0,28	13236
25	20	2	2	-	-	0,44	1432
30	10	1,5	1,5	-	-	0,30	3428
30	20	1,5	1,5	-	-	0,38	2558
32	15	1,3	1,3	-	-	0,31	3838
32	24,6	1,8	1,5	2	-	0,47	13235
35	17	2	2	-	-	0,52	17219
35	20	2	2	1	-	0,55	3062
40	20	1,5	1,5	-	-	0,46	1163
40	20	1,5	1,5	3	1,5	0,45	6482
40	20	2	2	-	-	0,60	356
40	20	2	2	3	1	0,59	6483
40	25	1,5	1,5	-	-	0,50	15023
40	25	2,5	2,5	3	2	0,80	2152
42	16	1,5	1,5	2	-	0,44	5974
45	35	5	5	3	2	1,88	766
46	26	3	3	1,5	-	1,06	1391
50	20	1,5	1,5	-	-	0,54	1162
50	25	2	2	1,5	-	0,76	9524
50	30	2	2	-	-	0,82	9096
50	30	2,5	2,5	-	-	1,01	4911
50	40	2,5	2,5	-	-	1,15	11482
50	40	4	4	-	-	1,77	1722
60	20	2	2	-	-	0,82	20074
60	30	2	2	1,5	-	0,92	845
60	40	3	3	-	1,5	1,53	1723
60	40	3	3	3	-	1,50	6484
60	42	5	5	3	-	2,46	6485
65	30	2,5	2,5	-	5	1,27	3203
70	10	1,5	1,5	-	-	0,62	3429
70	50	3	4	2	1	2,08	1383

a mm	b mm	s mm	t mm	r mm	r <sub>1</sub> mm	weight kg/m	profile nro
70	50	5	5	5	3	2,93	765
70	60	5,5	5,5	10	4,5	3,35	8004
75	25	3	3	-	-	1,52	3030
75	34	1,7	1,7	3	1,3	0,94	7266
75	41	3	5	3	1	2,14	7393
80	40	3	3	2	1	1,84	7442
80	40	5	5	-	-	2,97	3300
80	48	6	6	3	2	3,75	5336
80	60	4	4	2	1	2,84	2648
80	60	4	5	3	2	3,12	5026
85	65	5	5	2	1	3,78	1382
100	20	2	2	-	-	1,25	1967
100	35	2,5	2,5	-	3	1,78	4064
100	35	4	4	3	2	2,73	3102
100	35	4	4	10	4	2,55	6193
100	45	3	4	-	1,5	2,47	906
100	50	3	3	3	1	2,35	16903
100	50	3	9,5	2	2	3,88	1332
100	60	5	5	-	-	4,05	1724
100	80	6	6	2	2	5,44	1331
110	50	3	3	4	4	2,49	11485
110	60	5	15	2	2	7,02	5107
110	90	6	6	1	1	6,09	9563
115	50	2,25	2,25	-	-	1,95	3697
120	35	7	10	3	-	5,65	2067
120	50	5	5	4	1	4,29	4296
120	80	6	9	2	2	7,19	1883
125	50	2,2	2,2	-	-	2,03	2600
130	90	8	10	2	2	9,61	1884
136	100	5	6	15	10	6,30	7897
150	50	3	3	4	4	3,14	1966
150	50	5	5	4	4	5,13	3275
150	80	3,5	7	8	5	5,50	9105
160	80	8	12	8	5	10,97	3274
165	100	5	9	10	5	8,66	3484
165	125	5,5	10	10	5	10,88	3427
172	124	10	12	4	4	16,03	9317
200	50	5	5	-	-	6,48	19337
200	60	2,8	2,8	1	1	3,85	11175
200	100	7	5	5	2	8,76	16405
209	69	7	7	-	5	10,04	4301
220	115	3,5	3,5	-	-	6,20	7952

# OVAL TUBES



# HEXAGONAL TUBES



a mm	b mm	s mm	weight kg/m	profili nro
20	10	1,5	0,19	2293
25	17	2	0,35	10434
33	18	2	0,43	12655
40	10	1	0,24	6646
40	20	3	0,83	9879
45	13	1,5	0,41	2153
50	20	1,5	0,48	2883

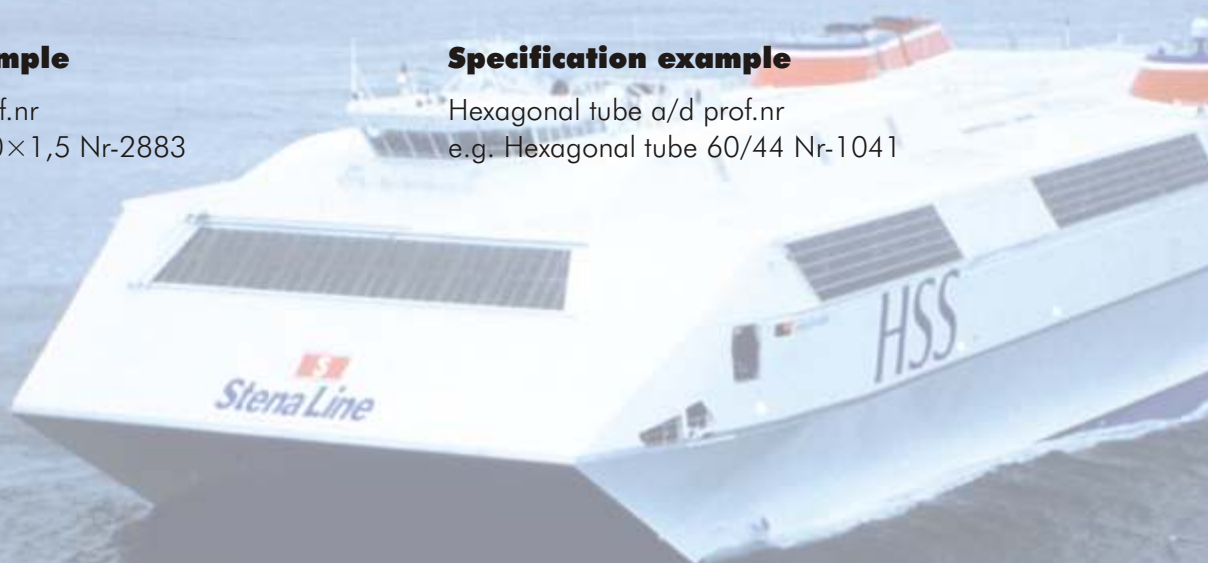
a mm	d mm	r mm	weight kg/m	profile nro
10	5	-	0,18	6281
13	6,75	-	0,30	6289
17	8,5	-	0,52	9200
17	10,3	-	0,45	4733
21	15,5	-	0,52	426
23	17	-	0,62	148
24	14	-	0,93	7883
24	15	-	0,87	6956
27	14	14,5	1,25	995
29	23	-	0,84	286
31	20	-	1,40	660
31	20	16,5	1,34	993
32	19	17,25	1,58	2137
39	23	-	2,43	662
39	31	-	1,52	570
39	32	-	1,38	9217
41	26,5	-	2,44	9461
48	36	26	2,58	1082

## Specification example

Oval tube  $a \times b \times s$  prof.nr  
e.g. Oval tube  $50 \times 20 \times 1,5$  Nr-2883

## Specification example

Hexagonal tube  $a/d$  prof.nr  
e.g. Hexagonal tube  $60/44$  Nr-1041



# General delivery terms of standard profiles

## Application Area

These delivery terms of Nordic Aluminium Plc cover aluminium profiles and products manufactured to order. Primarily we comply with the terms of our offer.

## Terms of Payment

As agreed

## Terms of Delivery

FCA Pikkala or as agreed.

## Delivery Lot

The smallest delivery lot is 250 kg. Profiles: ordered weights and measurements are approximations and the delivery lot may deviate from the order by +/- 5 %, for lot 250 kilograms by +/- 10 %. Lots ordered by pieces may be exceeded by 5 %. We charge separately for exact numbers of pieces. The weight per meter in the directory is theoretical and directive. Machined, surface treated and/or assembled pieces: according to confirmed order.

## Package

Standard packaging is included in the price.

## Quality Certificates

If quality certificates are needed they should be agreed at ordering and they are separately charged. Classification institution certificates are charged as agreed.

## Tolerances

We manufacture profiles according to the standard SFS-EN 755-9, unless otherwise agreed and machined parts according to agreed measuring requirements.

## Delivery Length

The delivery length of unmachined profiles is generally 6 m unless otherwise agreed and the maximum delivery length is 13.5 m. The delivery length of heavier profiles must be separately agreed. The profiles can also be delivered cut to fixed size at separate charge.

## Surface Quality and Surface Treatment Profiles

The order must contain the surface category according to our surface quality grading system. If the profile should be suitable for anodizing this must be mentioned in the order. When ordering anodized and/or painted profiles the attachment margin must be observed. The margin is 100 mm/delivery length, with the exception of fixed size cut profiles. Anodizing of profiles is according to the standard EN12373.

## Drawings

Drawings and models made by us are our property and may not be reproduced nor presented or given to a third party. We are not responsible for violation of possible patent, protection of design or other incorporeal rights of profiles or products manufactured according to the customer's instructions, models, drawings etc.

## Product liability

Nordic Aluminium Plc is responsible for damages caused to third parties by inadequate safety of the material of the products manufactured by the company, according to the valid product liability legislation. Nordic Aluminium Plc is not responsible for damages caused by incorrect or imperfect designing of the product, the customer's incorrect or imperfect manufacturing instructions, using the product for other than the purpose of use, changes in the product made by the customer or imperfect directions of use given by the customer or that the customer neglects to attach appropriate warnings to the product. The customer is responsible for these damages. If Nordic Aluminium Plc is obligated to pay compensation for damages which according to these terms the customer should compensate, the customer is obligated to pay the compensation amount including costs and penalty interest to the supplier.



# **NORDIC ALUMINIUM**



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