RHEINHOUSE
ALUMINIUM BEYOND BORDERS

STANDARD PROFILES

ALUMINIUM CATALOGUE

STANDARD EXTRUSIONS / TECHNICAL SELECTION

PROFILE FAMILIES

- RECTANGULAR / SQUARE / ROUND TUBES
- ANGLES / U CHANNELS
- FLAT / ROUND / SQUARE BARS
- T / OMEGA SECTIONS

BUILT FOR A BRIGHTER TOMORROW

2025 / 2026 EDITION

CATALOGUE STRUCTURE

FAST TECHNICAL SELECTION

SORTING LOGIC

1. Primary dimension: highest to lowest.
2. Secondary dimension: highest to lowest.
3. Thickness: highest to lowest.
4. Code and kg/m stay linked to the same profile.

TECHNICAL LEGEND

W	Width
H	Height
T / T1	Thickness
A	Equal side
D	Diameter
kg/m	Weight per metre

PROFILE FAMILIES

RECTANGULAR TUBE — 77 profiles — 03
SQUARE TUBE — 44 profiles — 09
ROUND TUBE — 72 profiles — 13
UNEQUAL ANGLE — 54 profiles — 19
EQUAL ANGLE — 42 profiles — 23
U CHANNEL — 40 profiles — 26
FLAT BAR — 72 profiles — 29
ROUND BAR — 8 profiles — 35
SQUARE BAR — 3 profiles — 36
T SECTION — 6 profiles — 37
OMEGA SECTION — 3 profiles — 38

STANDARD PROFILES

RECTANGULAR TUBE



77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0235	200	100	4	6.307
RN0236	200	100	3	4.761
RN0237	200	100	2.4	3.826
RN0238	200	50	4	5.226
RN0239	180	20	2	2.116
RN0240	170	80	8	10.107
RN0241	160	40	4	4.147
RN0242	150	140	15	21.060
RN0243	150	100	3	3.953
RN0244	150	50	4	4.147
RN0245	150	50	3	3.143
RN0246	150	50	2	2.116
RN0247	150	20	2	1.793
RN0248	130	50	4	3.715

STANDARD PROFILES

RECTANGULAR TUBE



77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0249	120	60	3	2.819
RN0250	120	50	4	3.499
RN0251	120	50	3	2.657
RN0252	120	40	2	1.684
RN0253	120	30	3	2.332
RN0254	120	20	2	1.469
RN0255	100	80	6	5.443
RN0256	100	60	3	2.495
RN0257	100	50	5	3.780
RN0258	100	50	4	3.067
RN0259	100	50	3	2.332
RN0260	100	50	2	1.577
RN0261	100	40	4	2.851
RN0262	100	30	3	2.009

STANDARD PROFILES

RECTANGULAR TUBE



77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0263	100	20	2	1.253
RN0264	80	65	4	2.959
RN0265	80	60	4	2.851
RN0266	80	60	3	2.170
RN0267	80	50	4	2.635
RN0268	80	50	3	2.008
RN0269	80	40	4	2.419
RN0270	80	40	3	1.853
RN0271	80	40	2	1.252
RN0272	80	30	3	1.684
RN0273	80	30	2	1.144
RN0274	80	20	2	1.037
RN0275	80	20	1.5	0.785
RN0276	70.4	25.3	1.6	0.799

STANDARD PROFILES

RECTANGULAR TUBE



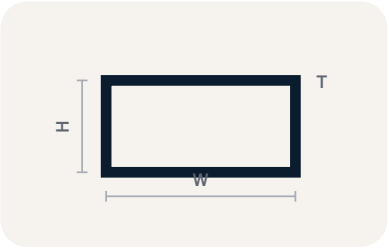
77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0277	60	50	4	2.202
RN0278	60	50	3	1.691
RN0279	60	40	4	1.987
RN0280	60	40	3	1.522
RN0281	60	40	2.5	1.282
RN0282	60	40	2	1.036
RN0283	60	40	1.2	0.632
RN0284	60	30	3	1.361
RN0285	60	30	2	0.928
RN0286	60	25	3	1.279
RN0287	60	20	2	0.820
RN0288	50	40	4	1.771
RN0289	50	30	3	1.199
RN0290	50	30	2	0.820

STANDARD PROFILES

RECTANGULAR TUBE



77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0291	50	25	2	0.766
RN0292	50	20	3	1.037
RN0293	50	20	2	0.713
RN0294	50	18	2	0.691
RN0295	50	15	2	0.658
RN0296	45	25	2	0.713
RN0297	40	30	3	1.040
RN0298	40	30	2.5	0.880
RN0299	40	30	2	0.715
RN0300	40	30	1.6	0.577
RN0301	40	25	2	0.658
RN0302	40	20	3	0.874
RN0303	40	20	2	0.607
RN0304	40	20	1.5	0.461

STANDARD PROFILES

6/6

RECTANGULAR TUBE



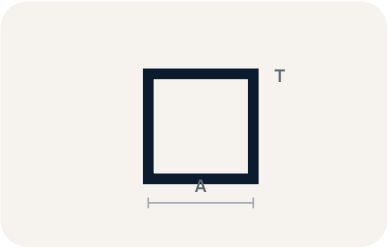
77 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0305	40	15	2	0.550
RN0306	30	20	2	0.496
RN0307	30	20	1.5	0.382
RN0308	30	15	2	0.442
RN0309	25	15	2	0.388
RN0310	20	15	2	0.334
RN0311	20	10	2	0.281

STANDARD PROFILES

SQUARE TUBE



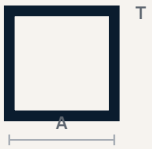
44 STANDARD PROFILES

SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0312	150	8	12.269
RN0313	150	2.2	3.512
RN0314	133.3	6.3	8.641
RN0315	120	4	5.010
RN0316	120	1.8	2.297
RN0317	110	2	2.332
RN0318	100	10	9.719
RN0319	100	5	5.129
RN0320	100	4	4.162
RN0321	100	3	3.142
RN0322	100	2	2.116
RN0323	80	5	4.049
RN0324	80	4	3.295
RN0325	80	3	2.494

STANDARD PROFILES

SQUARE TUBE



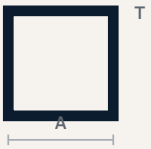
44 STANDARD PROFILES

SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0326	80	2	1.684
RN0327	70	2.5	1.790
RN0328	70	2	1.440
RN0329	60	5	2.970
RN0330	60	4	2.419
RN0331	60	3	1.853
RN0332	60	2	1.252
RN0333	50	5	2.429
RN0334	50	4	1.994
RN0335	50	3	1.528
RN0336	50	2	1.036
RN0337	45	2	0.928
RN0338	40	4	1.560
RN0339	40	3	1.198

STANDARD PROFILES

SQUARE TUBE



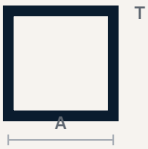
44 STANDARD PROFILES

SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0340	40	2	0.821
RN0341	39.5	0.9	0.375
RN0342	35	2.5	0.877
RN0343	35	2	0.712
RN0344	30	3	0.874
RN0345	30	2	0.605
RN0346	30	2	0.598
RN0347	25	2.5	0.607
RN0348	25	2	0.498
RN0349	20	2	0.389
RN0350	20	1.5	0.300
RN0351	15	2	0.281
RN0352	15	1.5	0.218
RN0353	12	1.5	0.170

STANDARD PROFILES

SQUARE TUBE



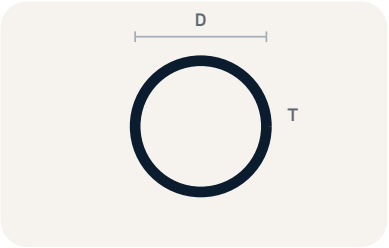
44 STANDARD PROFILES

SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0354	12	1	0.118
RN0355	10	1	0.097

STANDARD PROFILES

ROUND TUBE



72 STANDARD PROFILES

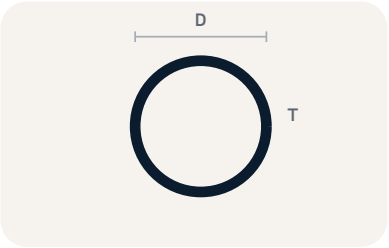
SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0356	120	5	4.877
RN0357	120	3	2.977
RN0358	110	15	12.087
RN0359	110	5	4.453
RN0360	100	5	4.029
RN0361	100	4	3.257
RN0362	100	2	1.663
RN0363	90	3	2.214
RN0364	80	5	3.180
RN0365	80	2	1.323
RN0366	70	10	5.089
RN0367	70	3	1.706
RN0368	60	5	2.333
RN0369	60	3	1.450

STANDARD PROFILES

ROUND TUBE

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72 STANDARD PROFILES

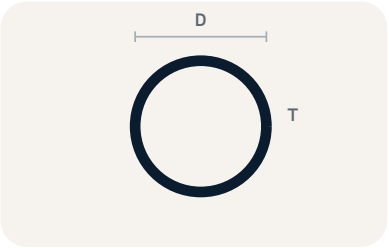
SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0370	60	2	0.984
RN0371	60	1.5	0.745
RN0372	50	6.5	2.407
RN0373	50	5	1.916
RN0374	50	5	1.908
RN0375	50	4	1.561
RN0376	50	3	1.196
RN0377	50	2.5	1.007
RN0378	50	2	0.814
RN0379	48.3	6	2.160
RN0380	48.3	4	1.509
RN0381	48.3	3	1.157
RN0382	48	3	1.145
RN0383	45	2	0.730

STANDARD PROFILES

ROUND TUBE

3/6



72 STANDARD PROFILES

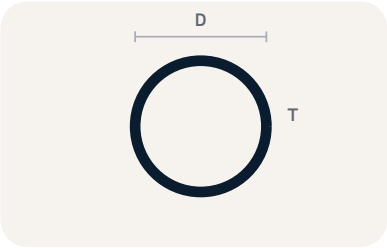
SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0384	43	2	0.695
RN0385	42.5	2	0.690
RN0386	42	3.8	1.235
RN0387	40	3	0.942
RN0388	40	2	0.645
RN0389	40	1.5	0.490
RN0390	38	7.5	1.948
RN0391	35	5	1.272
RN0392	35	2.7	0.742
RN0393	35	2	0.560
RN0394	35	1.2	0.345
RN0395	35	1	0.288
RN0396	32	2	0.510
RN0397	32	1	0.262

STANDARD PROFILES

ROUND TUBE

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72 STANDARD PROFILES

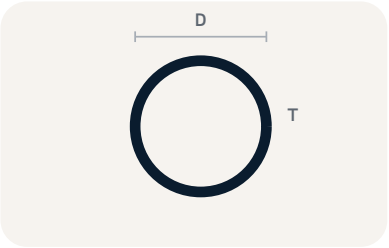
SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0398	30	7.75	1.462
RN0399	30	3	0.689
RN0400	30	2.5	0.585
RN0401	30	2	0.476
RN0402	30	1	0.245
RN0403	27.5	0.9	0.203
RN0404	26	1	0.212
RN0405	25	3	0.559
RN0406	25	2	0.391
RN0407	25	1.5	0.300
RN0408	23	1	0.186
RN0409	22	2	0.339
RN0410	22	1.5	0.260
RN0411	22	1.2	0.211

STANDARD PROFILES

ROUND TUBE

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72 STANDARD PROFILES

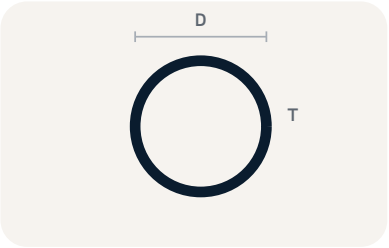
SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0412	22	1	0.178
RN0413	20	2	0.306
RN0414	20	1.5	0.236
RN0415	20	1.25	0.199
RN0416	20	1	0.161
RN0417	16	2	0.237
RN0418	16	1	0.127
RN0419	16	0.9	0.115
RN0420	15	2	0.221
RN0421	15	1.5	0.171
RN0422	14	1.2	0.130
RN0423	14	1	0.110
RN0424	12	1.8	0.156
RN0425	12	1.5	0.134

STANDARD PROFILES

ROUND TUBE

6/6



72 STANDARD PROFILES

SORT D > T

PROFILE CODE	D (mm)	T (mm)	Weight (kg/m)
RN0426	10.55	1.1	0.088
RN0427	10	1.5	0.108

STANDARD PROFILES

UNEQUAL ANGLE



54 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0428	310	50	6	5.734
RN0429	200	100	10	7.828
RN0430	200	50	2	1.339
RN0431	150	100	10	6.479
RN0432	150	50	8	4.144
RN0433	150	50	5	2.631
RN0434	135	65	8	4.146
RN0435	125	50	2	0.934
RN0436	120	100	12	6.737
RN0437	120	80	10	5.129
RN0438	120	50	5	2.227
RN0439	120	40	4	1.684
RN0440	100	50	10	3.779
RN0441	100	50	8	3.067

STANDARD PROFILES

UNEQUAL ANGLE



54 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0442	100	50	5	1.956
RN0443	100	50	3	1.190
RN0444	100	40	4	1.468
RN0445	80	60	6	2.170
RN0446	80	50	5	1.686
RN0447	80	40	2	0.637
RN0448	80	30	3	0.866
RN0449	80	20	2	0.528
RN0450	70	30	2	0.528
RN0451	60	50	1.3	0.381
RN0452	60	40	6	1.522
RN0453	60	40	5	1.282
RN0454	60	40	4	1.036
RN0455	60	40	3	0.785

STANDARD PROFILES

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UNEQUAL ANGLE



54 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0456	60	40	2	0.529
RN0457	60	30	5	1.146
RN0458	60	30	2	0.476
RN0459	60	20	2	0.422
RN0460	50	30	3	0.623
RN0461	50	30	2	0.421
RN0462	50	25	2	0.395
RN0463	50	20	3	0.542
RN0464	50	20	2	0.368
RN0465	50	15	1.8	0.306
RN0466	40	30	3	0.542
RN0467	40	30	2	0.368
RN0468	40	25	2	0.340
RN0469	40	20	3	0.461

STANDARD PROFILES

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UNEQUAL ANGLE



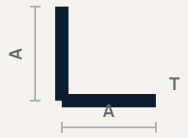
54 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0470	40	20	2	0.313
RN0471	40	20	1.2	0.190
RN0472	40	10	2	0.259
RN0473	38	15	2	0.275
RN0474	30	20	3	0.380
RN0475	30	20	2	0.259
RN0476	30	15	2	0.233
RN0477	30	10	2	0.205
RN0478	25	15	2	0.204
RN0479	25	15	1.5	0.156
RN0480	20	15	2	0.178
RN0481	20	10	2	0.151

STANDARD PROFILES

EQUAL ANGLE



42 STANDARD PROFILES

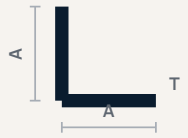
SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0482	200	10	10.528
RN0483	150	10	7.829
RN0484	120	12	7.386
RN0485	120	10	6.210
RN0486	100	10	5.129
RN0487	100	8	4.145
RN0488	100	6	3.142
RN0489	100	3	1.595
RN0490	80	10	4.048
RN0491	80	6	2.494
RN0492	80	5	2.092
RN0493	80	3	1.271
RN0494	60	6	1.846
RN0495	60	5	1.551

STANDARD PROFILES

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EQUAL ANGLE



42 STANDARD PROFILES

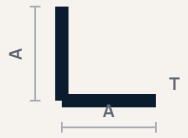
SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0496	60	4	1.256
RN0497	60	3	0.947
RN0498	60	2	0.637
RN0499	50	5	1.282
RN0500	50	4	1.036
RN0501	50	3	0.788
RN0502	50	2	0.530
RN0503	45	3	0.705
RN0504	40	5	1.012
RN0505	40	4	0.823
RN0506	40	3	0.623
RN0507	40	2	0.422
RN0508	38	2	0.400
RN0509	30	5	0.742

STANDARD PROFILES

3/3

EQUAL ANGLE



42 STANDARD PROFILES

SORT A > T

PROFILE CODE	A (mm)	T (mm)	Weight (kg/m)
RN0510	30	3	0.313
RN0511	30	3	0.462
RN0512	30	2	0.314
RN0513	30	1.5	0.237
RN0514	25	3	0.381
RN0515	25	2	0.259
RN0516	25	1.5	0.196
RN0517	20	3	0.300
RN0518	20	2	0.205
RN0519	20	1.5	0.156
RN0520	20	1.1	0.116
RN0521	15	2	0.151
RN0522	15	1.5	0.115
RN0523	10	2	0.097

STANDARD PROFILES

U CHANNEL



40 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0524	200	60	3	2.542
RN0525	140	50	8	4.838
RN0526	100	50	5	2.565
RN0527	70	25	3	0.922
RN0528	60	60	4	1.857
RN0529	60	40	2.5	0.913
RN0530	60	40	2	0.736
RN0531	60	30	3	0.923
RN0532	50	50	3	1.166
RN0533	50	30	3	0.841
RN0534	40	60	3	1.085
RN0535	40	50	2	0.734
RN0536	40	40	4	1.210
RN0537	40	40	3	0.923

STANDARD PROFILES

U CHANNEL



40 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0538	40	40	2	0.627
RN0539	40	30	3	0.761
RN0540	40	25	3	0.680
RN0541	40	20	2	0.411
RN0542	40	20	2	0.519
RN0543	30	30	3	0.680
RN0544	30	30	2	0.464
RN0545	30	25	2	0.411
RN0546	30	20	2	0.357
RN0547	25	40	3	0.802
RN0548	25	25	3	0.560
RN0549	25	25	2	0.384
RN0550	25	25	2	0.372
RN0551	25	15	2	0.275

STANDARD PROFILES

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U CHANNEL



40 STANDARD PROFILES

SORT W > H > T

PROFILE CODE	W (mm)	H (mm)	T (mm)	Weight (kg/m)
RN0552	24	25	2	0.378
RN0553	20	25	2	0.356
RN0554	20	20	2	0.303
RN0555	20	20	1.5	0.230
RN0556	20	15	2	0.248
RN0557	16	30	2	0.388
RN0558	16	20	2	0.281
RN0559	15	20	1.5	0.210
RN0560	15	15	2	0.221
RN0561	12	12	2	0.173
RN0562	10.9	15	1.2	0.125
RN0563	10	10	2	0.140

STANDARD PROFILES

FLAT BAR

1/6



72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0564	200	20	10.800
RN0565	200	15	8.098
RN0566	200	10	5.399
RN0567	160	8	3.455
RN0568	160	8	3.451
RN0569	150	12	4.859
RN0570	150	10	4.049
RN0571	150	5	2.024
RN0572	140	6	2.267
RN0573	133	5	1.802
RN0574	130	60	21.058
RN0575	120	15	4.858
RN0576	120	10	3.239
RN0577	120	8	2.602

STANDARD PROFILES

FLAT BAR



72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0578	100	20	5.399
RN0579	100	15	4.048
RN0580	100	10	2.699
RN0581	100	6	1.619
RN0582	100	5	1.349
RN0583	100	3	0.810
RN0584	90	20	4.860
RN0585	90	15	3.643
RN0586	90	10	2.429
RN0587	86	50	11.607
RN0588	80	15	3.239
RN0589	80	10	2.159
RN0590	80	8	1.727
RN0591	80	6	1.295

STANDARD PROFILES

3/6

FLAT BAR



72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0592	80	5	1.080
RN0593	80	2	0.433
RN0594	70	15	2.833
RN0595	70	10	1.889
RN0596	67	30	5.446
RN0597	60	15	2.429
RN0598	60	10	1.619
RN0599	60	8	1.295
RN0600	60	7	1.137
RN0601	60	6	0.975
RN0602	60	3	0.485
RN0603	60	2	0.324
RN0604	50	10	1.350
RN0605	50	8	1.079

STANDARD PROFILES

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FLAT BAR



72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0606	50	6	0.810
RN0607	50	5	0.674
RN0608	50	4	0.539
RN0609	50	3	0.406
RN0610	50	2	0.271
RN0611	48	12	1.555
RN0612	40	30	3.238
RN0613	40	10	1.079
RN0614	40	8	0.863
RN0615	40	6	0.647
RN0616	40	5	0.541
RN0617	40	4	0.431
RN0618	40	3	0.324
RN0619	40	2	0.216

STANDARD PROFILES

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FLAT BAR



72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0620	35	2	0.189
RN0621	30	12	0.971
RN0622	30	5	0.404
RN0623	30	3	0.243
RN0624	30	2	0.162
RN0625	25	8	0.539
RN0626	25	5	0.338
RN0627	25	4	0.270
RN0628	25	3	0.202
RN0629	20	10	0.539
RN0630	20	5	0.269
RN0631	20	3	0.162
RN0632	20	2	0.108
RN0633	15	5	0.203

STANDARD PROFILES

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FLAT BAR



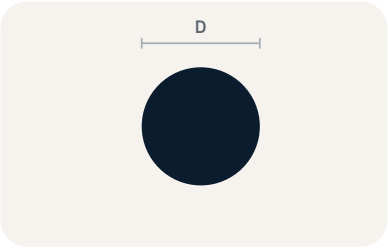
72 STANDARD PROFILES

SORT W > H

PROFILE CODE	W (mm)	H (mm)	Weight (kg/m)
RN0634	15	3	0.121
RN0635	10	3	0.081

STANDARD PROFILES

ROUND BAR



8 STANDARD PROFILES

SORT D

PROFILE CODE	D (mm)	Weight (kg/m)
RN0636	150	47.710
RN0637	26	1.438
RN0638	24	1.225
RN0639	20	0.848
RN0640	12	0.305
RN0641	10	0.212
RN0642	9.5	0.191
RN0643	8	0.136

STANDARD PROFILES

SQUARE BAR



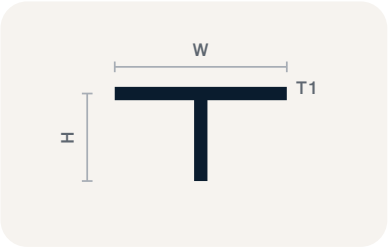
3 STANDARD PROFILES

SORT A

PROFILE CODE	A (mm)	Weight (kg/m)	Remark
RN0644	45	4.252	
RN0645	10	0.270	
RN0646	8	0.173	

STANDARD PROFILES

T SECTION



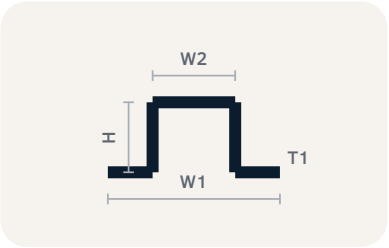
6 STANDARD PROFILES

SORT W > H > T1

PROFILE CODE	W (mm)	H (mm)	T1 (mm)	Weight (kg/m)
RN0647	100	60	5	2.092
RN0648	60	50	2	0.582
RN0649	50	50	4	1.036
RN0650	40	40	3	0.623
RN0651	40	40	2	0.421
RN0652	40	20	2	0.314

STANDARD PROFILES

OMEGA SECTION



3 STANDARD PROFILES

SORT W1 > W2 > H > T1

PROFILE CODE	W1 (mm)	W2 (mm)	H (mm)	T1 (mm)	Weight (kg/m)
RN0653	100	60	20	1.8	0.662
RN0654	100	20	20	1.8	0.631
RN0655	34	40	40	1.8	0.905