



ALUMINUM PROFILE CATALOG

Precision extrusion · Engineered profile solutions

01

PIPE PROFILES

Round hollow sections · Precision-extruded aluminum tube

Alubos pipe profiles are precision-extruded round hollow sections produced from 6000-series aluminum alloys. Available in outer diameters from 6 mm to 118 mm with a wide range of wall thicknesses, they combine low weight with high structural performance and excellent corrosion resistance.

All profiles are supplied in mill finish as standard, with anodized and electrostatic powder-coated surface options available on request. Custom diameters and wall thicknesses can be produced to project-specific requirements.

Dimensional Range

Outer diameters $T = 6\text{--}118\text{ mm}$; wall thicknesses $N = 0.9\text{--}36\text{ mm}$ across 74 standard profiles.

Material

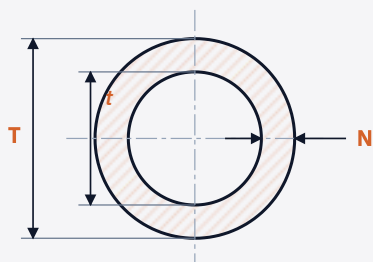
6000-series aluminum alloy, delivering an optimal balance of strength, formability and corrosion resistance.

Surface Options

Mill finish, anodized, or electrostatic powder coating in standard and custom RAL colors.

Applications

Railing and handrail systems, furniture, machine construction, heat-transfer and general engineering applications.

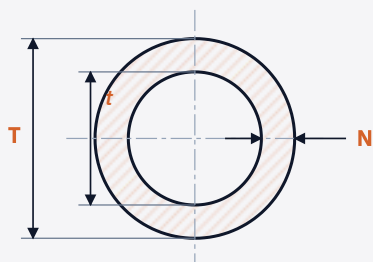


DIMENSION KEY

- T** Outer diameter (mm)
- t** Inner diameter (mm)
- N** Wall thickness (mm)

Cross-section shown schematically.
Not to scale.

PROFILE NO	T mm	t mm	N mm	WEIGHT kg/m
1018	6	4	1	0.043
1036	6.8	5	0.9	0.045
1004	8	6	1	0.060
1050	9	7	1	0.068
1033	10	8	1	0.077
1029	12	10.2	0.9	0.085
1041	12	11	1	0.093
1023	14.9	12.8	1.05	0.124
1042	16	12	2	0.238
1057	16	13	1.5	0.170
1014	18.2	16.2	1	0.146
1020	19	13	3	0.409
1048	19	16.6	1.2	0.182
1021	20	18	1	0.162
1032	20	17	1.5	0.236
1089	20	5.3	7.35	0.795
1047	21.5	19.5	1	0.175
1016	22	20	1	0.178
1083	22	19.5	1.25	0.221
1017	23.8	14	4.9	0.788
1006	24	16.5	3.75	0.644
1024	24	14	5	0.809
1049	24	18	3	0.536
1076	24.8	17.2	3.8	0.682

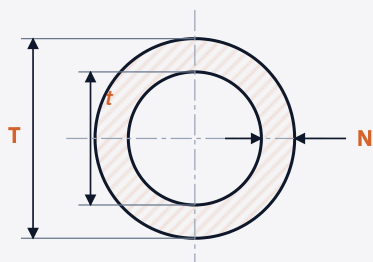


DIMENSION KEY

- T Outer diameter (mm)
- t Inner diameter (mm)
- N Wall thickness (mm)

Cross-section shown schematically.
Not to scale.

PROFILE NO	T mm	t mm	N mm	WEIGHT kg/m
1090	24.9	8.5	8.2	1.170
1070	25	23	1	0.205
1085	25	6	9.5	1.258
1072	25.6	8.5	8.55	1.245
1081	28	10	9	1.462
1058	29.7	25	2.35	0.547
1059	29.7	22.25	3.88	0.867
1005	30	22.5	3.75	0.835
1008	30	27	1.5	0.360
1012	30	25	2.5	0.585
1013	30	8.5	10.75	1.762
1037	30	14	8	1.498
1061	30	22.25	3.87	0.835
1073	30	26	2	0.479
1028	32	27	2.5	0.628
1039	32	28	2	0.511
1026	34	29	2.5	0.670
1038	35	6.5	14.25	2.508
1065	38	35	1.5	0.470
1034	39	35	2	0.630
1007	40	35	2.5	0.795
1001	40	36	2	0.647
1071	40.5	36.5	2	0.656
1002	44.6	39.6	2.5	0.893
1010	44.6	20.6	12	3.331



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Not to scale.

PROFILE NO	T mm	t mm	N mm	WEIGHT kg/m
1031	44.6	21	11.8	3.295
1064	47	35	6	2.094
1066	47	43	2	0.770
14025	50	27	11.5	3.780
1003	50	46	2	0.814
1025	50	45	2.5	1.011
1054	50	47	1.5	0.619
1055	50	45.6	2.2	0.895
1056	50	46.4	1.8	0.738
1093	50	47.4	1.3	0.539
1051	50.7	48.7	1	0.423
1080	51.3	40.5	5.4	2.118
1067	55	44	5.5	2.320
1000	57.5	52.5	2.5	1.170
1019	57.5	57.2	2.4	1.123
1022	60	54	3	1.456
1068	60	52	4	1.914
1069	60	54	3	1.460
51717	70.4	66.3	2.5	1.193
1060	75	65	5	2.979
1062	76	73.4	1.3	0.830
1078	82	78	2	1.368
1079	95	91	2	1.590
1074	100	28	36	19.680
1075	118	57	30.5	22.804