

Round extruded bars

EN AW-6061 T6/T6511; EN 573-3; EN 755-2,-3

Limit deviations of diameter according to EN 755-3

Nominal diameter [mm]		Limit deviations of the diameter [mm]
18	25	±0,22
25	40	±0,25
40	50	±0,30
50	65	±0,35
65	80	±0,40
80	100	±0,45
100	120	±0,55
120	150	±0,80
150	180	±1,00
180	220	±1,15
220	270	±1,30
270	320	±1,60

Mechanical properties according to EN 755-2

Material condition	Nominal diameter [mm]		Tensile strength R_m [Mpa]		Slip limit $R_{p0,2}$ [Mpa]		Ductility min. [%]		Hardness [HBW]
	over	to	min.	max	min.	max	A_{50mm}	A	
T6/T6511	18	200	260	-	240	-	6	8	95

Chemical composition according to EN 573-3 (AlMgSiCu)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,4-0,8	0,7	0,15-0,4	0,15	0,8-1,2	0,04-0,35	-	0,25	0,15	0,05	0,15	Residue

Lengths in stock [mm] (*)

3000	and other
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Diameters in stock [mm]

15 20 22 25 30 32 35 36 40 42 45 50 56 60 65 70 75 80 85 90 95 100 101,6 110 120 130 140 150 152,40 160 170

Contact with foodstuffs according to EN 602

Yes
