

Round extruded bars

EN AW-2017A T4/T4511; 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	±0,35
25	40	±0,40
40	50	±0,45
50	65	±0,50
65	80	±0,70
80	100	±0,90
100	120	±1,00
120	150	±1,20
150	180	±1,40
180	220	±1,70
220	270	±2,00
270	320	±2,50

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	
T4 / T4511	18	25	380	-	260	-	10	12	105
T4 / T4511	25	75	400	-	270	-	-	10	105
T4 / T4511	75	150	390	-	260	-	-	9	105
T4 / T4511	150	200	370	-	240	-	-	8	105
T4 / T4511	200	250	360	-	220	-	-	7	105

Chemical composition according to EN 573-3 (AlCu4MgSi(A))

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,2-0,8	0,70	3,5-4,5	0,4-1,0	0,4-1,0	0,1	-	0,25	-	0,05	0,15	Residue

Lengths in stock [mm] (*)

3000	and other
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Diameters in stock [mm]

15 20 22 25 26 28 30 35 40 45 50 55 60 70 75 80 85 90 100 105 110 120 130 140 150 160 170 180 190 200 210 220 230 250

Contact with foodstuffs according to EN 602

No
