

# Round extruded bars

EN AW-2007 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	80	370	-	250	-	6	8	95
T4 / T4511	80	200	340	-	220	-	-	8	95
T4 / T4511	200	250	330	-	210	-	-	7	95

## Chemical composition according to EN 573-3 (AlCu4PbMgMn)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,8	0,80	3,3-4,6	0,5-1,0	0,4-1,8	0,1	0,2	0,8	0,2	0,1	0,3	Residue

## Lengths in stock [mm] <sup>(1)</sup>

3000	and other
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## Diameters in stock [mm]

20 22 25 26 28 30 32 34,3 35 36 38 40 42 45 50 52 55 56 60 63 65 70 75 80 85 90 100 105 110 120 130 140 150 160  
170 180 185 190 195 200 210 220 230 240 250 260

## Contact with foodstuffs according to EN 602

No