

Round drawn bars

EN AW-6082 T6; EN 573-3; EN 754-2,-3

Limit deviations of diameter according to EN 754-3

Nominal diameter [mm]		Limit deviations of the diameter [mm]
3	6	0/-0,08
6	10	0/-0,09
10	18	0/-0,11
18	30	0/-0,13
30	50	0/-0,16
50	65	0/-0,19
65	80	0/-0,30
80	100	0/-0,35

Mechanical properties according to EN 754-2

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	3	80	310	-	255	-	9	10	95

Chemical composition according to EN 573-3 (AlSiMgMn)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,7-1,3	0,5	0,1	0,4-1,0	0,6-1,2	0,25	-	0,2	0,1	0,05	0,15	Residue

Lengths in stock [mm] (*)

3000	and other
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Diameters in stock [mm]

6 8 10 12 13 14 15 16 18 20 22 24 25 30

Contact with foodstuffs according to EN 602

Yes
