

# Round drawn bars

EN AW-7075 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	540	-	485	-	6	7	150

## Chemical composition according to EN 573-3 (AlZn5,5MgCu)

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Al min.
0,4	0,5	1,2-2,0	0,3	2,1-2,9	0,18-0,28	-	5,1-6,1	0,2	0,05	0,15	Residue

## Lengths in stock [mm] (\*)

3000	and other
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## Diameters in stock [mm]

6 8 10 12 15 16 18 20 25 28 30
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## Contact with foodstuffs according to EN 602

No
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