

# Round extruded bars

EN AW-7075 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	±0,35
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	
T6/T6511	18	25	540	-	480	-	5	7	150
T6/T6511	25	100	560	-	500	-	-	7	150
T6/T6511	100	150	550	-	440	-	-	5	150
T6/T6511	150	200	440	-	400	-	-	5	150

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

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other individually	Others in total	Hliník 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]

20	22	25	28	30	32	35	36	40	45	50	52	55	56	60	65	70	75	80	85	90	95	100	105	110	120	130	140	150	160	170	180	190	200		
210	220	230	240	250	255	260	270	280	300	320	330	350	360	380	400	450																			

## Contact with foodstuffs according to EN 602

No
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