



**METALEX**  
EXPERTS IN METAL

## Aluminium Extruded Round Bar Diameter Tolerances

Diameter	Alloys / Tolerances			
	Over	Up to and including	Alloys / Tolerances	
			<b>1000,3000 &amp; 6000 Series</b>	<b>2000,5000 &amp; 7000 Series</b>
>8	18	0.22 +/-	0.30 +/-	
18	25	0.25 +/-	0.35 +/-	
25	40	0.30 +/-	0.40 +/-	
40	50	0.35 +/-	0.45 +/-	
50	65	0.40 +/-	0.50 +/-	
65	80	0.45 +/-	0.70 +/-	
80	100	0.55 +/-	0.90 +/-	
100	120	0.65 +/-	1.00 +/-	
120	150	0.80 +/-	1.20 +/-	
150	180	1.00 +/-	1.40 +/-	
180	220	1.15 +/-	1.70 +/-	
220	270	1.30 +/-	2.00 +/-	
270	320	1.60 +/-	2.50 +/-	
320>		by agreement	by agreement	

**Ovality:** The maximum permissible is 50% of the tolerance range specified in "Diameter Tolerance table" (eg +/-0.22 - 50% = 0.22)

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