

## Tolerance Table for Aluminium Alloy

BS1474 TOLERANCES ON DIAMETER OF BARS  
AND WIDTH OF REGULAR SECTIONS\*

DIAMETER, WIDTH OR WIDTH ACROSS FLATS		TOLERANCE IN MM + AND -
OVER	UP TO & INCLUDING	
-	<b>3mm</b>	<b>0.16</b>
<b>3mm</b>	<b>10mm</b>	<b>0.20</b>
<b>10mm</b>	<b>18mm</b>	<b>0.26</b>
<b>18mm</b>	<b>30mm</b>	<b>0.32</b>
<b>30mm</b>	<b>40mm</b>	<b>0.40</b>
<b>40mm</b>	<b>60mm</b>	<b>0.45</b>
<b>60mm</b>	<b>80mm</b>	<b>0.50</b>
<b>80mm</b>	<b>100mm</b>	<b>0.65</b>
<b>100mm</b>	<b>120mm</b>	<b>0.80</b>
<b>120mm</b>	<b>140mm</b>	<b>0.90</b>
<b>140mm</b>	<b>160mm</b>	<b>1.00</b>
<b>160mm</b>	<b>180mm</b>	<b>1.10</b>
<b>180mm</b>	<b>200mm</b>	<b>1.20</b>
<b>200mm</b>	<b>240mm</b>	<b>1.50</b>
<b>240mm</b>	<b>280mm</b>	<b>1.70</b>
<b>320mm</b>		ON APPLICATION

### NOTES

This table relates to rounds and widths of regular sections. Should you require tolerance information on thickness, bow, straightness, angular etc, please ring – we have this information readily to hand.

\* These tolerances do not apply to round and hexagon bars for use in automatic lathes – please ring for these if required.