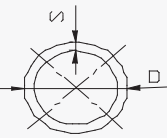
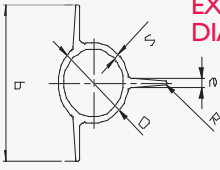
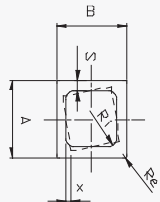


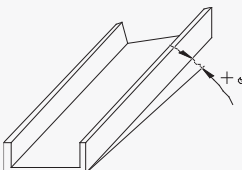
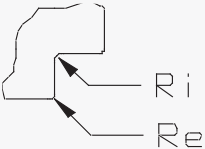
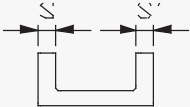

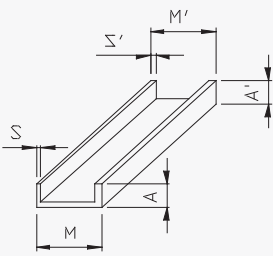
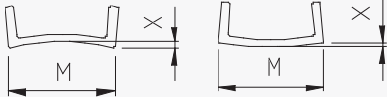
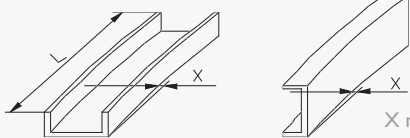
# STANDARD PROFILE TOLERANCES

HOT EXTRUDED AND STRAIGHTENED - *HOLLOW SECTION*

 <p><b>A</b></p> <p><b>EXTERNAL DIAMETER D</b></p> <p>Up to 50 mm: ± 0.5 mm Over 50 mm: ± 1% Thickness S: ± 10% of the nominal thickness</p>	 <p><b>EXTERNAL DIAMETER D</b></p> <p>Up to 50 mm: ± 0.5 mm Over 50 mm: ± 1% Thickness S: ± 15% Thickness of fin e: ± 0.5 mm Width of fin b: ± 2 mm (or less on agreement)</p>	 <p><b>C</b></p> <p><b>DISPLACEMENT OF INTERNAL FORM X: ± 1 MM</b></p> <p>The tolerances of other hollow profile shapes must be agreed after study. For all other tolerances see table for solid section profiles.</p>
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# STANDARD PROFILE TOLERANCES

HOT EXTRUDED AND STRAIGHTENED - *SOLID SECTION*

<p><b>DIMENSIONAL TOLERANCES OF THE TRANSVERSE SECTION:</b></p> <p>Less than 25 mm ± 0.5 mm from 25 to 75 mm ± 0.8 mm from 75 to 100 mm ± 1.0 mm from 100 to 125 mm ± 1.2 mm over 125 mm ± 1.4 mm</p>	<p><b>A</b></p>	<p><b>WARP:</b></p> <p>Max. deviation of 1mm per metre, or less (on agreement) according to requirements.</p>  <p><b>F</b></p>			
<p><b>MINIMUM RADII:</b></p>  <p>Ri = internal radius: minimum 4<math>\frac{2}{3}</math> mm Re = external radius: minimum 1.5 ± 0.5 mm</p>	<p><b>B</b></p>	<p><b>DIMENSIONAL DIFFERENCES BETWEEN SYMMETRICAL PARTS:</b></p>  <p>Max difference between S and S' half tolerance of point A e.g. S = S' = 28 ± 0.8 mm max difference 0.8 mm (hypothesis S = 27.6 S' = 28.4)</p>	<p><b>G</b></p>		
<p><b>ANGULAR TOLERANCES:</b></p>  <p>Type 1 case ± 1°30' Type 2 case ± 0°30'</p>	<p><b>C</b></p>	<p><b>DIMENSIONAL DIFFERENCES BETWEEN SYMMETRICAL PARTS:</b></p>  <p>Max variation: half tolerance at point A e.g.: nominal values M = M' = 80 ± 1 mm A = A' = 40 ± 0.8 mm S = S' = 15 ± 0.5 mm Example: M = 79.5 M' = 80.5 A = 39.4 A' = 40.2 S = 14.75 S' = 15.75</p>	<p><b>H</b></p>		
<p><b>TRANSVERSE CURVATURE:</b></p>  <p>X max = 1% of M (or less on agreement)</p>	<p><b>D</b></p>	<p><b>LONGITUDINAL CURVATURE:</b></p>  <p>X max. = 0,15% of L</p>	<p><b>E</b></p>	<p><b>LONGITUDINAL BAR TOLERANCES:</b></p> <p>a) from production ± 1 metre b) fixed: ± 2 mm; from 0+10mm (or on request) c) multiple: + 5 mm each multiple (or on request) d) commercial: from 3 metres to 7 metres</p>	<p><b>I</b></p>