





TOLERANCES							DIMENSIONS							PART SUPPLY							DESIGN INTENT				© COPYRIGHT				 www.monochrome-design.com														
• Tolerances to ISO 2768-mK unless otherwise stated. • For dimensions under 0.5mm tolerance is ±0.05. • ISO 2768-1: Per below table (class indicated by check mark). • ISO 2768-2: K (medium)							• All dimensions are in millimetres unless otherwise indicated. • Critical inspection dimension:  • Dimensions with ** may require adjustment during tool trials. • First article inspection number:  (supplier to provide a report detailing accuracy to each of these dimensions).  • Other dimensions for reference.							• Break all sharp edges R0.2 max. • Cosmetic surfaces to be free of scratches, tool marks, and gouges. • Part to be clean and free of oil, grease, and other foreign contaminants. • Remove dross and tabs from cut edges • Minimise handling marks on all external surfaces. • Minimise tooling/die marks on external bends. • No visible cracking/crazing permitted on bends.							Unless otherwise specified, fabricate per this drawing. The 3D model represents the final formed condition for reference.				This drawing is supplied in confidence. Do not disclose to any third party without prior written consent from Manufacturing Skills Queensland																		
LINEAR - PERMISSIBLE DEV. IN MM FOR RANGES IN NOMINAL LENGTHS														<div><div></div><div><b>SURFACE TEXTURE KEY (RA STANDARD)</b></div><div>Refer to 3D part and surface finish sheet for application</div></div>														PROJECT NAME		Fishing Rod Spike		COLOUR:		Self-Colour		PART NAME:				MONO_038-p222			
	CLASS	0.5 - 6mm	6 - 30mm	30 - 120mm	120 - 400mm	Over 400mm	DRAWING TYPE		Part Drawing		FINISH:		Self Finish																														
<input type="checkbox"/>	FINE	±0.05mm	±0.1mm	±0.15mm	±0.2mm	±0.3mm	DATE CREATED		Monday, 15 September 2025		MATERIAL:		30 x 30 x 2mm SHS															DESCRIPTION:		A3													
<input checked="" type="checkbox"/>	MEDIUM	±0.1mm	±0.1mm	±0.3mm	±0.5mm	±0.8mm	NOTES:																									SHEET 1 OF 1											
	COARSE	±0.3mm	±0.5mm	±0.8mm	±1.2mm	±2.0mm																																					
ANGULAR - PERMISSIBLE DEV. IN DEGREES & MINUTES FOR RANGES IN NOMINAL LENGTHS														<div><div></div><div><b>INSTALLED HARDWARE (PEMs, standoffs, studs):</b></div><div>• Inserted hardware to be seated flush to 0.2mm proud. • Installed hardware must be perpendicular to the surface within 1°.</div></div>														DO NOT SCALE DRAWING		SCALE:2:1													
	CLASS	0 - 10mm	10 - 50mm	50 - 120mm	120 - 400mm	Over 400mm	Orange	Debur	RA 3.2																																		
<input type="checkbox"/>	FINE	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Green	Smooth	RA 1.6																																		
<input checked="" type="checkbox"/>	MEDIUM	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Blue	Polish	RA 0.9																																		
	COARSE	±1° 30'	±1°	±0°30'	±0°15'	±0°10'																																					
#	DESCRIPTION		DATE																																								