





TOLERANCES							DIMENSIONS			PART SUPPLY			DESIGN INTENT		© COPYRIGHT				 www.monochrome-design.com							
• Tolerances to ISO 2768-FH 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: H (fine)							• 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.			• Unless otherwise specified (UOS). • Break all sharp edges R0.2 max UOS. • Cosmetic surfaces to be free of scratches, tool marks, and gouges. • Part to be clean and free of burrs, oil, grease, and other foreign contaminants. • Maximum internal corner radius 0.8mm UOS. • All threads to be clean and free of burrs. Gauge before and after finishing. • All dimensions apply after finishing/plating. • Minimise handling marks on all external surfaces.			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														PROJECT NAME		Headphone Stand		COLOUR: Clear		PART NAME: MONO_038-p321						
	CLASS	0.5 - 6mm	6 - 30mm	30 - 120mm	120 - 400mm	Over 400mm								DRAWING TYPE		Part Drawing		FINISH: Gloss								
<input checked="" type="checkbox"/>	FINE	±0.05mm	±0.1mm	±0.15mm	±0.2mm	±0.3mm								DATE CREATED		Tuesday, 23 September 2025		MATERIAL: 4.5mm Acrylic Sheet								
	MEDIUM	±0.1mm	±0.1mm	±0.3mm	±0.5mm	±0.8mm								NOTES:		-										
	COARSE	±0.3mm	±0.5mm	±0.8mm	±1.2mm	±2.0mm								01		Initial Release		19/09/2025		DO NOT SCALE DRAWING		SCALE:1:2				
ANGULAR - PERMISSIBLE DEV. IN DEGREES & MINUTES FOR RANGES IN NOMINAL LENGTHS							SURFACE TEXTURE KEY (RA STANDARD)										#		DESCRIPTION					DATE		
	CLASS	0 - 10mm	10 - 50mm	50 - 120mm	120 - 400mm	Over 400mm	Refer to 3D part and surface finish sheet for application																			
<input checked="" type="checkbox"/>	FINE	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Orange	Debur	RA 3.2																	
	MEDIUM	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Green	Smooth	RA 1.6																	
	COARSE	±1° 30'	±1°	±0°30'	±0°15'	±0°10'	Blue	Polish	RA 0.9																	