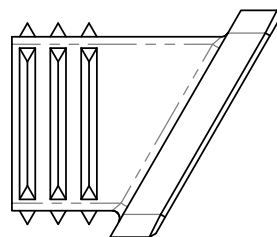
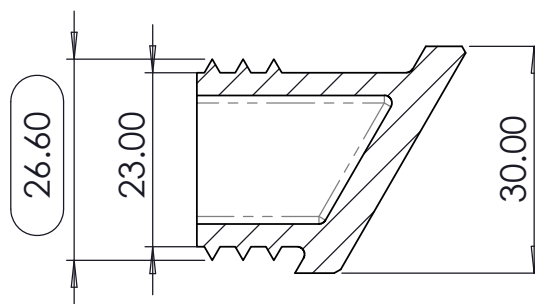




PRINT ORIENTATION

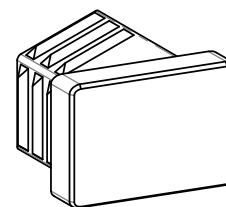


TOP VIEW

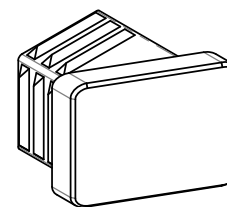


SECTION A-A

1mm VARIANT

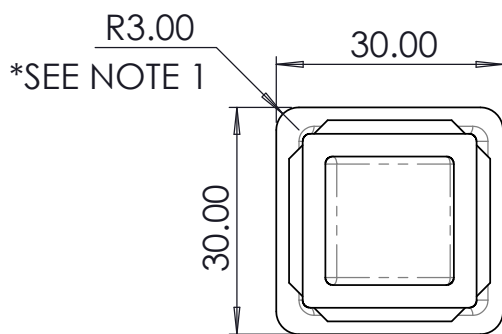


2mm VARIANT

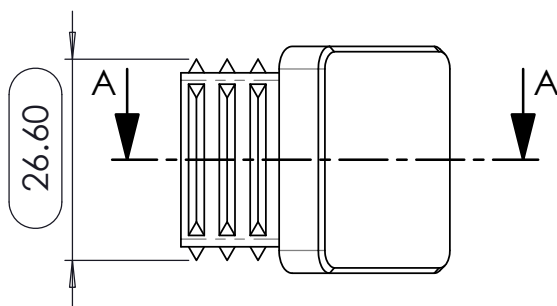


3mm VARIANT

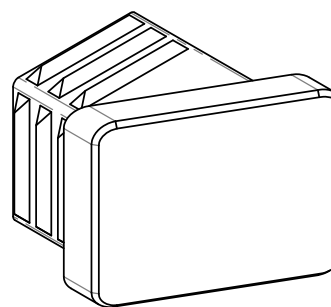
NOTE: PRINT VARIANT TO MATCH THE CORNER
RADIUS OF SELECTED SQUARE HOLLOW SECTION
FOR PART MONO 038-p206 - FOOT BAR



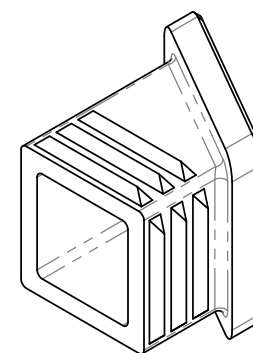
LEFT VIEW



FRONT VIEW












PERSPECTIVE VIEW 1



PERSPECTIVE VIEW 2

- ENSURE REMOVAL OF ALL SUPPORT MATERIAL.
- CHECK DIMENSIONS MARKED WITH OBROUNDS.

8		7		6		5		4		3		2		1																	
TOLERANCES <ul style="list-style-type: none">• 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)						DIMENSIONS <ul style="list-style-type: none">• All dimensions are in millimetres unless otherwise indicated.• All dimensions to base of draft unless otherwise indicated.• Critical inspection dimension: • Dimensions with ** may require adjustment during tool trials.• First article inspection number:  (supplier to provide FAI report detailing each of these dimensions).• Other dimensions for reference.						PART SUPPLY <ul style="list-style-type: none">• Printing technology: Fused Deposition Modelling (FDM).• Alternatively, Selective Laser Sintering (SLS), Stereolithography (SLA) or Multi Jet Fusion (MJF) may be used where FDM is unavailable.• Build Orientation: print part with Z-axis as indicated. This is critical for mechanical strength of the part.• Face marked 'A' is a primary cosmetic surface.• Orient part to minimise layer lines and support marks on this face.• Part to be free of excessive stringing, warping, delamination, and major layer shifts.• Remove all support structures. Marks/nibs from support material are permissible on non-critical/internal surfaces only.• Layer lines and some "stair-stepping" on angled/curved surfaces are acceptable.• Tap holes as specified. Do not print threads.• Machine critical bores and faces to specified tolerances after printing.• Align Z-seam on sharpest corner (or as indicated) to minimise visual impact.						 -- 02 Interference fit reduced 01 Initial Release # DESCRIPTION		 -- 17/03/2026 16/09/2025 DATE		DESIGN INTENT Unless otherwise specified, fabricate per 3D model file. Drawing supplied for reference and inspection purposes only.				© COPYRIGHT This drawing is supplied in confidence. Do not disclose to any third party without prior written consent from Manufacturing Skills Queensland		 MANUFACTURING SKILLS QUEENSLAND		 monochrome www.monochrome-design.com	
LINEAR - PERMISSIBLE DEV. IN MM FOR RANGES IN NOMINAL LENGTHS												PART NAME:																			
	CLASS	0.5 - 6mm	6 - 30mm	30 - 120mm	120 - 400mm	Over 400mm							COLOUR: Black																		
	FINE	±0.05mm	±0.1mm	±0.15mm	±0.2mm	±0.3mm							FINISH: Matte / Print Finish																		
	MEDIUM	±0.1mm	±0.1mm	±0.3mm	±0.5mm	±0.8mm																									
	COARSE	±0.3mm	±0.5mm	±0.8mm	±1.2mm	±2.0mm							MATERIAL: ASA Filament																		
ANGULAR - PERMISSIBLE DEV. IN DEGREES & MINUTES FOR RANGES IN NOMINAL LENGTHS						SURFACE TEXTURE KEY (SPI STANDARD)						DESCRIPTION:				A3															
	CLASS	0 - 10mm	10 - 50mm	50 - 120mm	120 - 400mm	Over 400mm	Refer to 3D part surface colouring for application						Foot Bar End Cap				SHEET 1 OF 1														
	FINE	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Pink	Natural	Printed Finish																						
	MEDIUM	±1°	±0°30'	±0°20'	±0°10'	±0°5'	Green	Sanded	Sanding (from 220 to 400 Grit)																						
	COARSE	±1°30'	±1°	±0°30'	±0°15'	±0°10'	Blue	Smooth	Vapour Smoothing								DO NOT SCALE DRAWING														
																SCALE:1:1															