

TYPICAL TOLERANCE GUIDE SHEET – GLOUCESTER UK.

ARRK prides itself on providing toleranced components. The following are general tolerances which apply to ARRK's prototyping capabilities.

Please note that higher tolerances can be guaranteed with prior agreement between the customer and ARRK.

Due to the need to supply quickly, ARRK provides external 3 axis check on all components as a standard, with the exception of C grade sl's, which are cross referenced to machine calibration bars this is deemed a standard prototyping protocol. CMM is also available at an additional cost.

These external tolerances supersede all production drawing tolerances.

Process	Nominal Tolerance	Dimensional Tolerance	i.e. 100	i.e.200
	(mm)	(mm)		
SLA	0.15	+/- 0.15 per 100	99.85 – 100.15	199.70 – 200.30
SLA ABS	0.30	+/- 0.30 per 100	99.70 – 100.30	199.40 – 200.60
SLS	0.25	+/- 0.25 per 100	99.75 – 100.25	199.50 – 200.50
PU	Part Geometry Dependent – Tolerances upon request			
Quick Cast	0.15	+/- 0.15 per 100	99.85 – 100.15	199.70 – 200.30
CNC	Upon Request			
Metal Pressings	Upon Request			