

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 (mm) | Dimensional Tolerance (mm) | i.e. 100 | i.e.200 |
|------------------------------|---|-------------------------------|----------------|-----------------|
| | | | | |
| SLA or SLA Quick Cast | 0.15 | +/- 0.15 per 100 | 99.85 – 100.15 | 199.70 – 200.30 |
| SLS | 0.25 | +/- 0.25 per 100 | 99.75 – 100.25 | 199.50 – 200.50 |
| | | | | |
| PU | Part Geometry Dependent – Tolerances upon request | | | |
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| CNC | Upon Request | | | |
| | | | | |
| Metal Pressings | Upon Request | | | |
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N.B. Not all materials available across all sites