

RFQ Checklist - Custom Machined Parts

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Send these five items together and a detailed quote comes back within 24 hours.

1. The file

- Accepted formats: STEP, IGES, DXF, PDF
- A 3D model plus a dimensioned drawing is better than either alone
- No CAD file? Describe the part and send dimensions or photographs

2. The quantity

- Minimum order quantity: 1 piece - single prototype orders accepted
- Volume pricing available from 100 pieces and above

3. The material

- Aluminum 6061 / 7075
- Stainless steel 303 / 304 / 316L
- Brass C360 / copper
- Carbon steel
- Engineering plastics: POM, PEEK. Others available on request

4. The finish

- Anodizing Type II or Type III (aluminum)
- Electroplating: nickel, chrome or zinc
- Powder coating / mirror polishing / brushed finish
- Passivation (stainless steel)

5. The date

- Standard lead time: 7-10 business days
- Rush production: 3-5 business days, subject to confirmation

Tolerances applied

- Standard tolerance: ± 0.05 mm
- Tight tolerance: ± 0.01 mm for high-precision features
- Untoleranced dimensions: ISO 2768-m

Mark on the drawing

- Which dimensions are critical to the assembly
- Which features must be masked before finishing
- Engraving depth and character height, with vector artwork as DXF or PDF

Send to info@gracts.com or WhatsApp +86 13266088686