

Aluminum Extrusion RFQ Checklist

Use this checklist to prepare a complete request for quotation. Clear technical and commercial information helps our engineering team review manufacturability, tooling, secondary operations, quality controls and delivery requirements.

1. Company and Project

- ☐ Company name and website
- ☐ Contact name, email and telephone
- ☐ Project name and end-use application
- ☐ Destination country and delivery address

2. Drawings and Revision Control

- ☐ Dimensioned 2D drawing (PDF/DWG/DXF)
- ☐ 3D file when available (STEP/IGES)
- ☐ Part number and drawing revision
- ☐ Critical-to-function dimensions clearly identified

3. Material Requirements

- ☐ Aluminum alloy and temper, if specified
- ☐ Mechanical, corrosion or conductivity requirements
- ☐ Applicable material certificates or standards
- ☐ Alternative alloy permitted: Yes / No

4. Extrusion Geometry

- ☐ Cross-section dimensions and circumscribing size
- ☐ Nominal wall thickness and critical radii
- ☐ Hollow, semi-hollow or solid profile
- ☐ Straightness, twist and dimensional tolerances

5. Secondary Operations

- ☐ Cut length and cut tolerance
- ☐ CNC milling, drilling, tapping, countersinking or slots
- ☐ Welding, bending, deburring or assembly

☐ Inspection datums and machining tolerances

6. Surface Finish

☐ Mill finish, anodizing, powder coating or other finish

☐ Color, gloss, texture and approved sample
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☐ Cosmetic surfaces and appearance limits
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☐ Masking, grounding or post-machining areas

7. Quantity and Delivery

☐ Prototype or first-article quantity
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☐ Production order quantity and annual demand
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☐ Required delivery date and shipment terms
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☐ Packaging and surface-protection requirements
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8. Quality and Documentation

☐ Inspection report or first-article report
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☐ Material and finish certificates

☐ Special testing or traceability requirements

☐ Approved samples and acceptance criteria

Send Your RFQ

Attach this checklist with your drawings and project requirements at <https://global.chengdacai.com/contact/>.

Chengdacai can review custom extrusion, precision cutting, CNC machining, drilling, tapping, anodizing, powder coating and assembly requirements.