

《CNC Machining Drawing Submission Specification for Quotation》

1. Purpose

Unify drawing submission standards, avoid recognition deviation and calculation errors, ensure accurate and efficient quotation.

2. Drawing Format Requirements

1. Accepted formats: 2D PDF drawing, STEP/IGS 3D model. Screenshots, hand drafts are unacceptable.
2. Mark drawing version and date; discard outdated drawings.
3. File naming rule: Part Name-Material-Qty-Drawing No.

3. Mandatory Drawing Markings

1. Basic info: Part name, drawing number, quantity, delivery time
2. Complete dimensions, tolerances and geometric tolerances
3. Exact material grade: 45#, 6061 aluminum, 304 stainless steel, brass, POM etc.
4. Surface treatment: Sand blasting, anodizing, blackening, polishing, quenching, galvanization
5. Thread specification: Size, pitch, depth and gauge requirement
6. Heat treatment: Hardness, quenching and tempering, aging treatment

4. Processing Instruction Notes

1. Machining type: Turning, milling, turn-milling compound, 5-axis machining, wire cutting
2. Secondary process: Drilling, tapping, welding, assembly, deburring
3. Material supply: Customer-provided material or manufacturer full material supply

5. Appearance & Acceptance Standard

1. Clear requirements on burr, scratch, collision and chamfer
2. Complete perpendicularity, parallelism and concentricity tolerance
3. Specify demand for flaw detection and inspection report

6. Additional Submitted Documents

1. Batch order: Single order quantity & monthly estimated volume
2. Special demands: Anti-rust package, custom fixture, urgent delivery
3. Reference photos of physical sample if available

7. Invalid Drawing Rule

1. Missing dimension, unclear tolerance or unmarked material: No quotation
2. Blurry, distorted or disordered layer drawing: No cost calculation
3. Undistinguished multi-version drawings: Quotation suspended for confirmation

8. Submission Method

Submit compressed file with unified batch sorting, attach contact information.