

CNC Turned Components Specification Sheet

Shafts bushings connectors and pins in aluminium brass and stainless steel.

CNC turned components produced on lathes in aluminium, brass and stainless steel, with milling and polishing available as secondary operations. Turning is the process for anything round: axles, shafts and bushings for automotive work, surgical instruments and medical devices, and connectors and pins for electronics.

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CNC Turning Parts

CNC Turned Components

CNC turned components produced on lathes in aluminium, brass and stainless steel, with milling and polishing available as secondary operations. Turning is the process for anything round: axles, shafts and bushings for automotive work, surgical instruments and medical devices, and connectors and pins for electronics. Parts are made to drawing with the repeatability that comes from computer control rather than from operator skill.

Specification

Process	CNC turning on lathes
Secondary Operations	Milling, polishing
Materials	Aluminium, brass, stainless steel
Automotive Parts	Axles, shafts, bushings
Medical Parts	Surgical instruments and medical devices
Electronics Parts	Connectors, pins and intricate components
Build Type	Custom to drawing

Key benefits

Repeatability Across the Batch. CNC lathes hold the same diameter on part one and part five thousand. On a bushing or a connector pin that consistency is the specification, not a bonus.

Secondary Operations in the Same Shop. Milling of flats, cross holes and keyways, plus polishing, are done alongside turning, so a part is not shipped between vendors to be finished.

Three Standard Material Families. Aluminium for light components, brass for connectors and fittings, stainless steel for medical and corrosive environments. All three are routine here.

Finish That Suits the Application. Polishing is available where the surface matters, which it does on medical instruments and on any sealing diameter.

Where it is used

Automotive axles, shafts and bushings • Surgical instruments and medical device components • Electronic connectors, pins and intricate components • Hydraulic and pneumatic fittings • Spindles and rotating shafts for machinery • Prototype turned parts before a production run

How To Enquire

Send the process rather than a model number: capacity or flow rate, the product being handled, the container format where relevant, and the utilities already on site. WhatsApp +86 150 5517 9418 or email sales@trueglowimaging.com.

Minimum order is one unit on the process, packaging, utility and crane ranges. Machined, fabricated and moulded parts are quoted from single pieces upward.