



# CNC Turned Parts

## Capability Guide

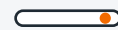
Custom shafts, bushings, sleeves, pins and threaded components made to drawing or sample for Australian equipment businesses.



Shafts



Bushings



Pins



Threaded parts

**Forgeon**

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# Who We Are

Forgeon supports Australian manufacturers, equipment businesses and importers with CNC turned parts made to drawing or sample. We focus on practical turned components used in machinery, spare parts, equipment maintenance and repeat production.

## Australian-facing support

Clear English communication for enquiries, drawing review, quotations and production updates.

## Cost-effective production

Practical production capacity for repeat turned components and sample-based parts.

## Focused product scope

We stay focused on shafts, bushings, sleeves, pins and threaded components instead of offering a broad CNC catalogue.



# Product Range

A focused capability guide for repeat CNC turned parts and spare components. Parts are quoted based on customer drawing, STEP file, sample photo or sample part.



## Shafts

Drive shafts, roller shafts, stepped shafts, threaded shafts and small equipment shafts.



## Bushings / Sleeves

Spacer sleeves, bearing bushes, steel sleeves, bronze bushes and replacement bushings.



## Pins

Locating pins, hinge pins, threaded pins and custom pins for equipment or spare parts use.



## Threaded Components

Studs, threaded rods, inserts, collars, nuts and simple turned threaded parts.



## Small Turned Parts

Spacers, collars, adaptors and simple turned fittings within the same product family.

### Scope note

This catalogue focuses on turned parts. We avoid over-promising broad CNC capabilities that may not match the customer requirement.

# Industries We Support

Forgeon is best suited to businesses that use repeat turned components, machinery spare parts or custom components made to drawing.

## Packaging machinery

Filling, capping, labelling, conveying and general packaging equipment.

## Food processing equipment

Vibratory feeders, conveyors, machinery spares and custom turned parts.

## Conveyors & material handling

Roller shafts, sleeves, spacers, pins and threaded adjustment parts.

## Mining & heavy equipment spares

Replacement shafts, bushes, pins and maintenance-related turned components.

## Trailer, RV & towing components

Axle-related turned parts, bushes, pins, collars and threaded components.

## Automation & equipment service

Repeat spare parts and sample-based replacement components for service teams.

**Ideal customer profile: equipment manufacturers, parts suppliers, service teams and importers that need repeat CNC turned parts.**

# Materials & Finishes

Common materials and finishes can be reviewed case by case based on drawing, usage, tolerance, finish and quantity requirements.

| Material group       | Typical examples                              |
|----------------------|---|
| Stainless steel      | 304, 316 and similar grades                   |
| Carbon steel         | General purpose steel parts                   |
| Alloy steel          | Shafts, pins and higher strength applications |
| Aluminium            | Lightweight turned parts                      |
| Brass / Bronze       | Bushings, sleeves and wear-related parts      |
| Engineering plastics | Available on request, case by case            |

## Common finishes

- Zinc plating
- Black oxide
- Anodising
- Polishing
- Heat treatment, case by case
- Other finishes on request

Note: Material availability, treatment and finish depend on the technical requirement and customer confirmation before production.

# How to Request a Quote

For a faster and more accurate quotation, please send a drawing, STEP file, sample photo or a short part brief. We will review the part type, material, quantity and key requirements before quoting.

## Please include

- Part type: shaft, bushing, sleeve, pin or threaded component
- Drawing, STEP file, sample photo or sample part details
- Material and surface finish
- Quantity or estimated annual usage
- Tolerance, thread specification or critical dimensions
- Required lead time and delivery location in Australia

## Send drawings by email

[service@forgeonglobal.com](mailto:service@forgeonglobal.com)

Subject suggestion: RFQ for CNC Turned Parts

Attachments: PDF, STEP, STP, DXF, DWG, JPG, PNG or ZIP

### Useful email format

Part type | Material | Quantity | Drawing attached | Required lead time

# Process, Quality & Delivery Focus

Our process is designed to make custom turned parts supply easier to manage: clear requirements, practical quoting, production coordination and inspection before shipment.

**1 Send details**  
Drawing, sample photo, material and quantity.

**2 Technical review**  
Check scope, tolerance, finish and questions.

**3 Quote**  
Price, lead time and assumptions are confirmed.

**4 Production**  
Sample or batch production after approval.

**5 Inspection**  
Dimension checks and photos where required.

**6 Delivery support**  
Protective packing and export-ready shipment support.

## Quality focus

Drawing-based production | Dimension checks | Photo or inspection report available where required | Protective packing for export

# Sample Product Showcase

Examples of turned and machined components produced to drawing or sample.



**Steel coupling components**



**Precision turned shafts**



**Flanged bushings & sleeves**



**Mini brass gears**



**Knurled brass rings**



**Brass turned fittings**

## Forgeon

focused CNC turned parts support

Shafts

Bushings

Sleeves

Pins

Threaded Components



## Send us a drawing or sample brief

We will review whether the part fits our focused capability: shafts, bushings, sleeves, pins and threaded components made to drawing or sample.

### Contact

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**Forgeon = focused CNC turned parts support**

**Shafts | Bushings | Sleeves | Pins | Threaded Components**