

# Aluminum AISi12 CNC Machined Turning Part

This is a precision-engineered aluminum AISi12 part manufactured using CNC turning and machining processes. It is designed for industrial applications where high strength and dimensional accuracy are critical.



## Product Overview

### Precision CNC Machined Component

This Aluminum AISi12 CNC machined part is engineered for high-performance industrial applications requiring exceptional dimensional accuracy. Utilizing advanced numerical control technology, the component is manufactured through automated material removal to ensure consistent quality and tight tolerances. It is an ideal solution for complex geometries and mass production requirements in demanding mechanical environments.

## Technical Specifications

### Suitability

Mass Production • Complex Shapes • High Accuracy

<b>Material</b>	Aluminum AISi12
<b>Manufacturing Process</b>	CNC Machining, Turning, Automated Processing

## Process Capabilities

### CNC Capabilities

- CNC Center Machining
- Milling Center Operations
- Wire Cutting
- Thread Cutting

### Advanced Machining Technology

The production process utilizes Cartesian coordinate systems (X, Y, Z) programmed into CNC controllers. This allows for precise axis control and automated material removal, ensuring that the final part meets exact design requirements.