



CNC Turning

Voss has several selected partners that are experts within CNC Turning.

CNC turning provides an economical way to make parts that are commonly symmetrical about an axis of revolution.

Shapes

Shapes that can be made include a variety of plain, taper, contour, fillet and radius profiles plus threaded surfaces. Although many turned parts use a single axis of revolution, there can be multiple axis to allow more flexibility (e.g. camshafts). This method of machining can be combined with CNC milling and other processes to make more diverse shapes.

Cost optimization

Cost optimizations for turning include:

- Reducing complexity
- Minimizing the amount of material removed
- Avoiding difficult shapes such as very long thin structures.

Facts:

Voss Industry can deliver CNC turned parts such as in:

Raw materials

- Aluminium
- Stainless Steel
- Steel
- Copper
- Bronze
- Titanium
- Nylon
- Polycarbonate
- Acrylic,
- ABS
- PVC

Product Sample





CNC Milling

Voss has several selected partners that are experts within CNC Milling.

In general, large production runs requiring relatively simple designs are better served by other methods, although CNC machining can now accommodate a wide range of manufacturing needs. CNC milling is an ideal solution to everything ranging from prototyping and short-run production of complex parts to the fabrication of unique precision components.

Virtually every type of material that can be drilled or cut can be machined by a CNC mill, although most of the work performed is done in metal.

Product Sample



Facts:

Voss Industry can deliver CNC milled parts such as in:

Raw materials

- Aluminium
- Stainless Steel
- Steel
- Copper
- Bronze
- Titanium
- Nylon
- Polycarbonate
- Acrylic,
- ABS
- PVC