

# MAYENBERGER GROUP

As a supplier of precision-turned parts, we are committed to offering our customers maximum process reliability, quality and flexibility.

From simple nuts and bushes to complex CNC turned parts, we can solve a wide range of machining problems for you. You as the customer have a modern machine park with over 120 lathes at your disposal, along with an extensive finishing department.

And that's not all — we also feature top-notch logistics including Kanban and complete traceability of your products. From pre-production samples to large-scale series, from team-oriented support during the design of your components to large-scale projects, we will gladly provide you with support, whether with high-quality mechanical vehicle components or electronic assemblies, whether with mechanical engineering or components for medical and measurement technology or with sensors. Our wide range of machining expertise allows us to supply turned parts to virtually all industries.



## MAYENBERGER GROUP PRODUCTS SHAPE THE WORLD.

### WHEREVER PRECISION IS NEEDED, WE WON'T BE FAR AWAY.

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We are certified according to DIN EN ISO 9001



## AUTOMATIC CAM PRODUCTION

In our cam department, we manufacture drawing parts such as nuts with all types of threads, oversized or not. Press-in bushes, threaded bushes, sleeves and turned parts according to DIN standards made of brass, aluminium, steel and stainless steel.

## CNC MANUFACTURING

Our modern CNC department manufactures products including components for manufacturers of high-quality sensors:

- Process connections
- Sensor housings
- Flanges

Made of various stainless steel alloys:

- 1.4305 | 1.4301
- 1.4404 | 1.4435 | 1.4571
- Titanium | Hastelloy | Inconel

And standard alloys such as steel, aluminium and brass.

In addition, we manufacture complex CNC turning/milling components for measurement technology, the opto-electronic sector and the automotive supply industry.



## CNC SHORT-TURNED PARTS

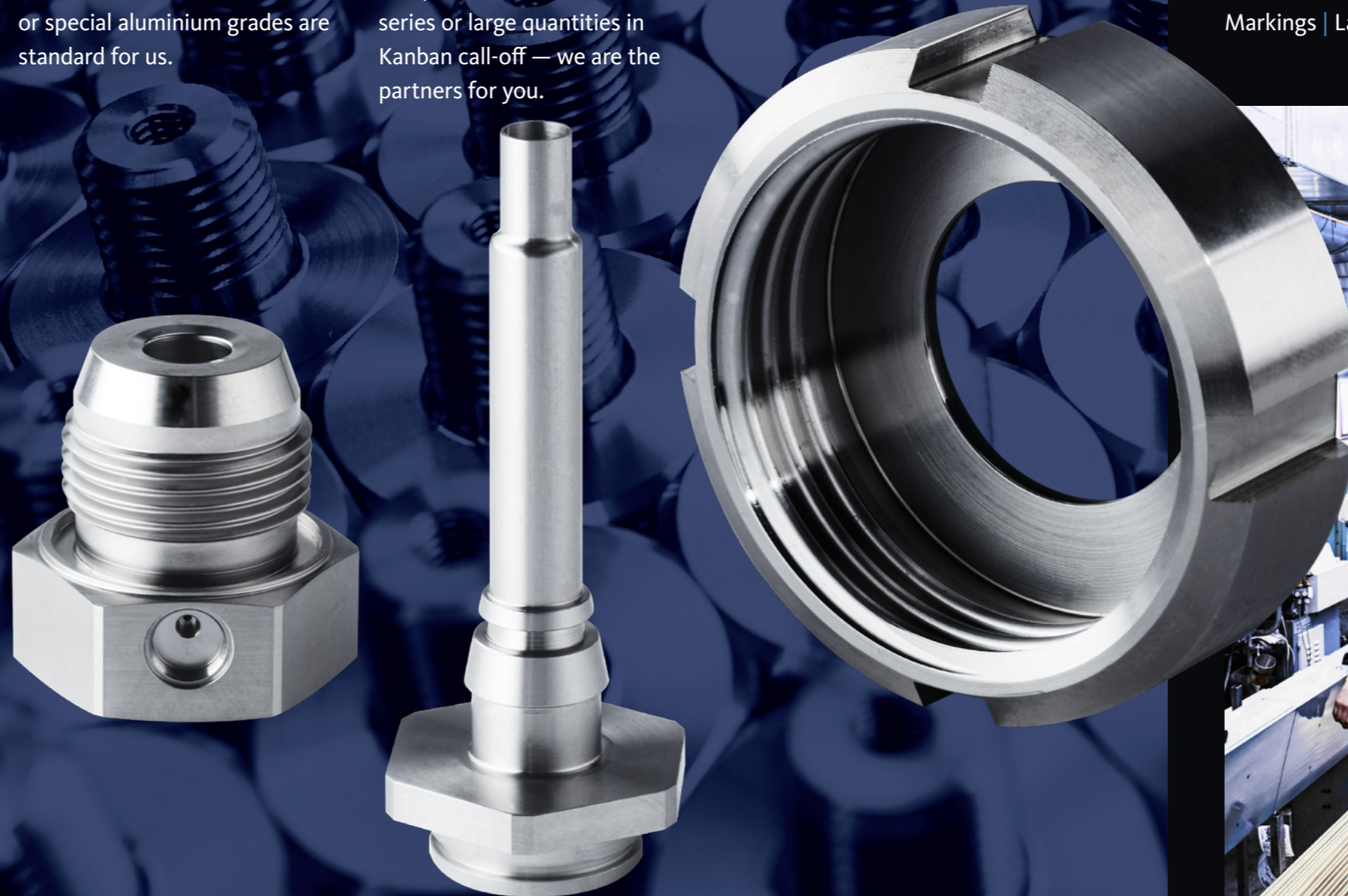
On modern CNC short-turning machines, we manufacture a wide range of turned parts from simple to complex geometries up to Ø 90 mm made of bar stock. Complete machining and materials such as V4A, titanium or special aluminium grades are standard for us.

## CNC LONG-TURNED PARTS

We produce CNC long-turned parts from Ø 6 – 32 mm and with a maximum part length of 1,000 mm. Cross machining, thread whirling, thread forming or deep-hole drilling are what we specialise in. Whether small series or large quantities in Kanban call-off — we are the partners for you.

## CNC TURNED CHUCK PARTS

We can deliver turned chuck parts up to Ø 280 mm. Here, too, complete machining is part of our core expertise.



## FURTHER PROCESSING AREAS

Heat treatments | Hardening | Quenching and tempering | Case hardening

Surface treatments | Coating | Grinding | Blasting

Further processing | Deep-hole drilling | Honing | Welding

Markings | Laser | Etching foil | Engraving

For processes that we cannot do in-house, we have a competent supplier network within a short distance in our immediate vicinity. We have been working closely with these qualified and certified specialist companies for many years.

With large series parts, an automated 100% inspection on modern camera systems is carried out in-house. For process-related quality inspections, we have fully air-conditioned measuring rooms at our disposal, which are equipped with contour graphs, profile projectors, 3D measuring machines and roughness measuring instruments, among other things.

Incoming, intermediate and final tests are standard. SPC tests and various initial sample test reports (VDA | PPAP) are individually coordinated with you.

