

iwis

wir bewegen die welt



Customer-specific structural components: fast, expert and efficient

Customer-specific structural components: whether forged, cast or using CNC technology – fast, expert, economical and efficient for your production needs

The iwis portfolio contains not only chains and sprockets but also many other structural components that are installed in our customers' drivetrains and machines. We machine these not only from normal round steel bar stock but also from plastics, as well as from casting and forging blanks.

At our Wilnsdorf site, we can provide you with particularly rapid turnaround thanks to our extensive range of services for CNC contract manufacturing. Thanks to our many years of experience and state-of-the-art CNC technology, iwis is a dependable partner for high-quality turned and milled parts.

www.iwis.com



We will manufacture CNC components for you: whether from solid material, forging blanks or casting material

Highlights

- Efficient in-house processes and technologies
- Very narrow tolerances and low surface roughnesses possible
- Modern machine pool
- Great variety of machining options
- Specialist knowledge of advanced metalworking production technologies
- Outstanding dimensional accuracy: Drawing parts and precision components based on your own 2D and 3D data or data produced by us on your behalf

Machined materials

- Heat-treated steels, case-hardened steels and alloyed, hardened steels
- Stainless steels
- Plastics
- Cast and forged parts

Service portfolio

- Wide range of geometries
- Numerous surface treatment processes such as case hardening, inductive hardening, nitriding or tempering
- Large choice of coatings, for example galvanization, galvanic or chemical nickel-plating, burnishing
- Cast and forged parts
- Engraving of your components

We have an extensive range of ball bearings in stock that can be directly fitted in your components.

Your contact person for contract manufacturing

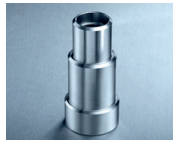
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Maximum size of parts for CNC turning | CNC milling

Limitations to part sizes	Metric units
Maximum machining diameter	550 mm
Maximum outside clamping diameter for turning	300 mm



Fixation flange for driving unit
Material C45



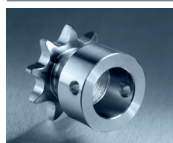
Conical mount for turret-type drilling machine
Material 42Crmo4
pre-hardened and nitrided



Lever arm as chain attachment for storage systems
manufactured from forging blank, mechanically machined, galvanized
Additionally assembled to form a module with mounted sliding bearing and plastic cap



Fixation flange for driving unit
Material C45
with keyway on outer side



Sprocket with special hub
for applications with restricted installation space



Stainless steel double sprocket
for the beverages industry



Turned spacer with fixing holes
galvanized



High wear-resistance duplex sprocket
for test benches



Drilling jig
for machining special parts



Flange turned from solid material
with 300-mm diameter and hub length of 400 mm



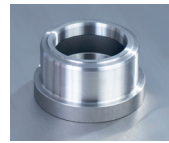
Special sprocket
for cast chains with inductively hardened surface, engraved as per customer's requirements



Mount for machine tools
for machining special geometries



Plate wheel
including mounted ball bearings



Bearing bush with high tolerance and surface roughness requirements
contact with sealing parts, ground after heat treatment (case-hardened)



Tensioning arm for pulley
manufactured from forged blank, mechanically machined, powder-coated



Cast-iron flange
with high concentricity requirements



Tensioning arm for pulley
manufactured from forged blank, mechanically machined and powder-coated



Plate wheel
with assembled bearing and shaft



Shaft with shrunk-on bushing and threaded lug
zinc-electroplated



Cast-iron V-belt pulley
including powder-coating as per customer's requirements



Flange manufactured from forging blank
follow-up mechanical machining, including internal toothing



Cast-iron friction disc
fully turned with dividing cut for flexible fastening to shaft



Pitman arm
forged shaft to translate rotary or angular movement into linear movement

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