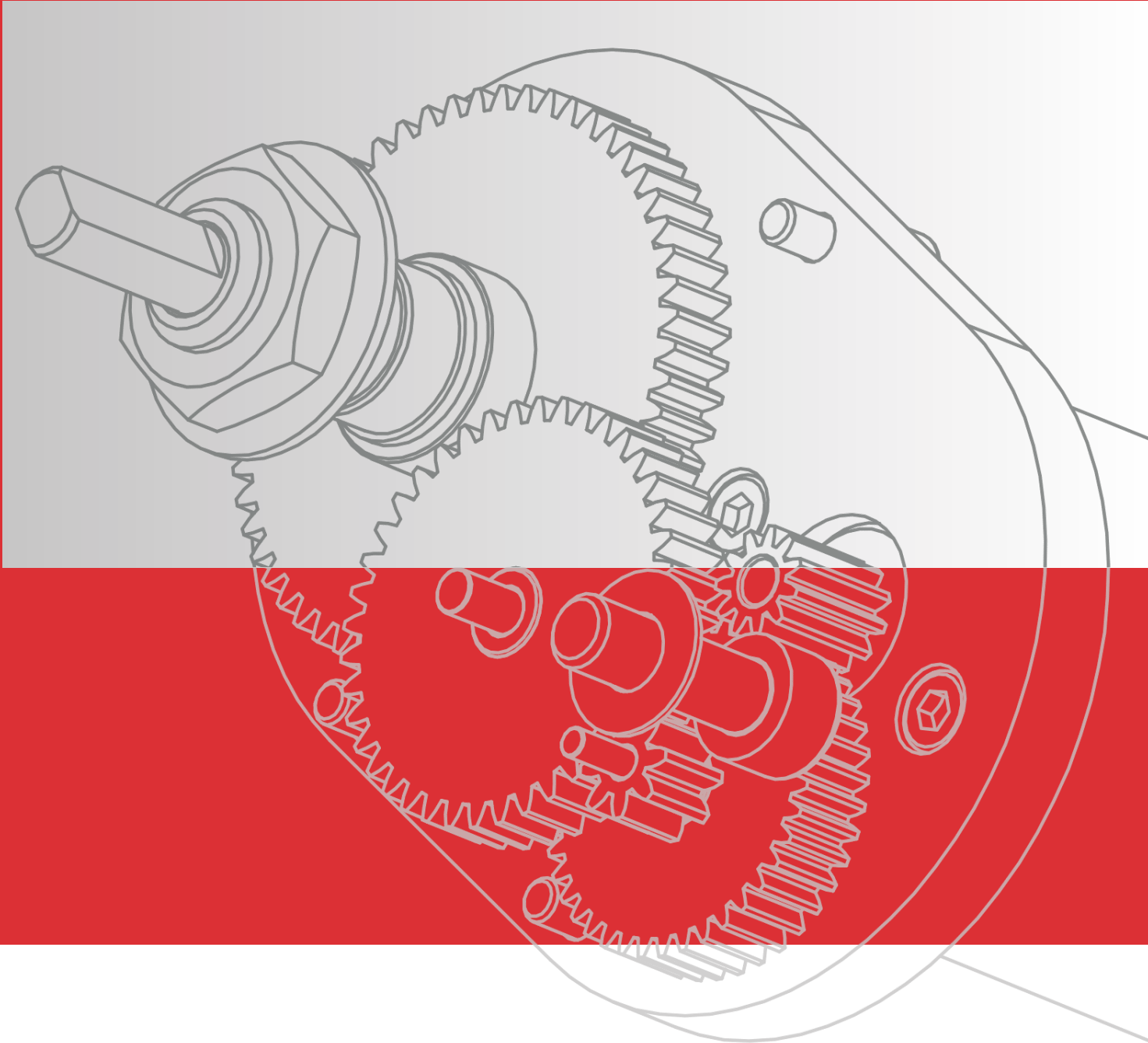
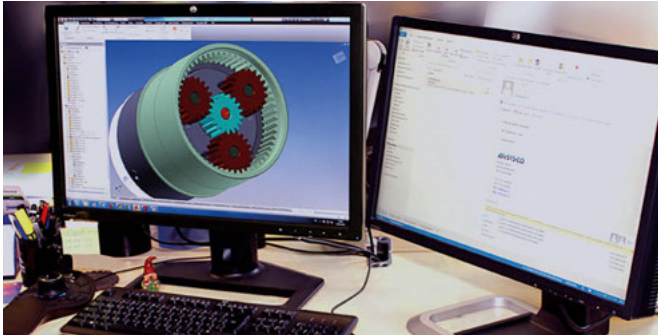


Fine mechanical gears  
with maximum precision



Good connections.

# Customized gear solutions for small and medium-sized series



## ■ ABP design

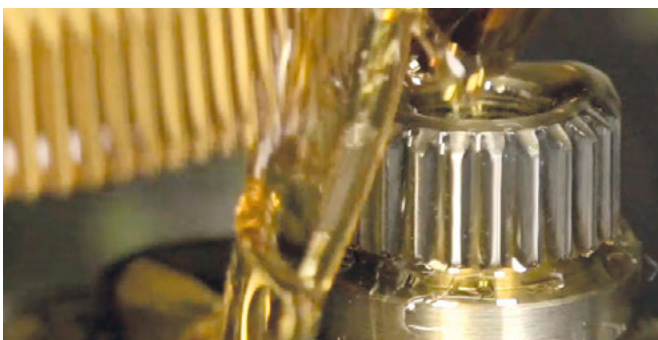
What our customers appreciate about us is fast access to standard products from our comprehensive catalogue and warehousing programme, our high level of in-house production, custom-made components / subassemblies and modular production with short supply times.

High-quality materials, precision, smooth running and power density ensures long service life of our products and provides the right solution for any kind of application.

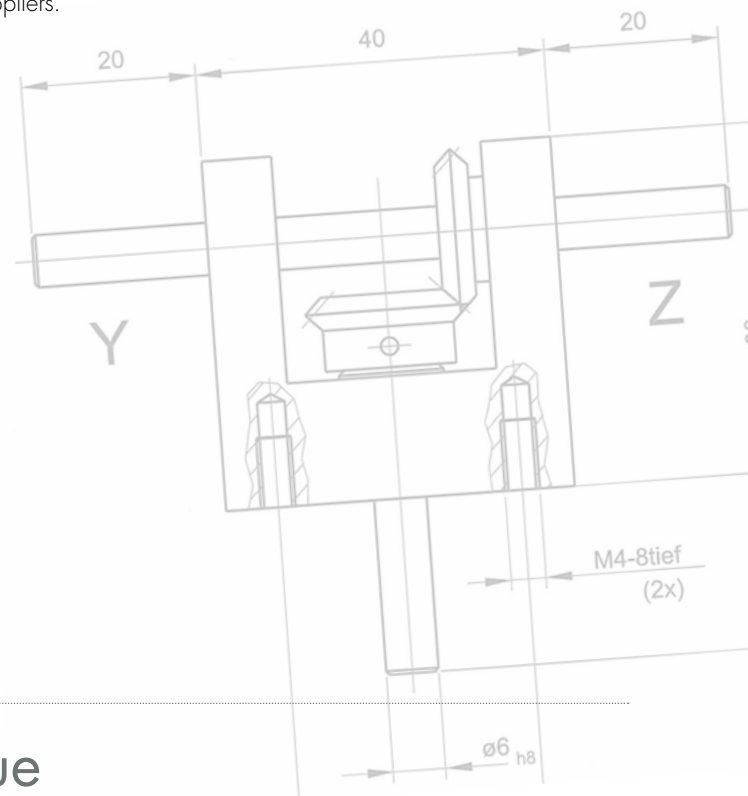


## ■ ABP assembly and fine adjustment

With uncompromising quality testing during all process steps, we guarantee consistent product quality on a demonstrably high level of technology. We are supported in this by up-to-date measuring, testing and continuous operation equipment in assembly and production along with experienced ABP experts and creative suppliers.



## ■ ABP production at regional technology partners



## Dimensions/Materials/Torque

Product	Driving torque	Gear ratio				Material						
						Shafts		Toothed gears		Open housing		Bearings
Bevel gearboxes	Ncm	i										
		1:1	1:2	2:1	1:3	Stainless steel	Brass	Stainless steel	Zinc diecasting	Aluminium	Iron sinter	Ball
WGKO 3026 open	60	x	x	x		x		x		x	x	x
WGM0 4040 open	100/70/70	x	x	x		x	x		x		x	
									Closed housing			
WGKG 4050 closed	60/35/35/35	x	x	x	x	x	x			x		x
WGKGX 4050 closed	100/70/70/50	x	x	x	x	x		x		x		x
WGKG 5060 closed	250/150	x		x		x		x		x		x

# ABP gears: Smallest dimensions – maximum performance



## ■ ABP bevel gearboxes, open and closed design

### Features:

- Bevel gears with minimised backlash
- Plain bearings made of sintered bronze or ball bearings
- For small and medium power ranges
- Input / output shaft length freely selectable
- Housings made of aluminium or stainless steel



## ■ ABP worm gearboxes

### Features:

- Plain bearings made of sintered bronze or ball bearings
- Available with different gear reduction ratios
- For small and medium power ranges
- Housings made of aluminium or stainless steel



## ■ ABP spur gearboxes

### Features:

- Space-saving construction
- Compact design
- Smooth running characteristics through the use of a wide range of different materials such as PEEK
- Housings made of aluminium or stainless steel
- Up to module 1.5



## ■ ABP planetary gearboxes

### Features:

- Transmission range with up to 3 stages
- Housings made of aluminium or stainless steel
- Gear engineering concept for high performance

# Standard products and special solutions



## ■ ABP differential gear

### Features:

- Spur gears – differential
- Bevel gears – differential
- Up to module 1.25
- Housings made of aluminium or stainless steel

Michael Ott, Managing Director  
**Ott Antriebstechnik GmbH & Co. KG**

“We are a service company for components and systems from the drive technology and electronics sector.

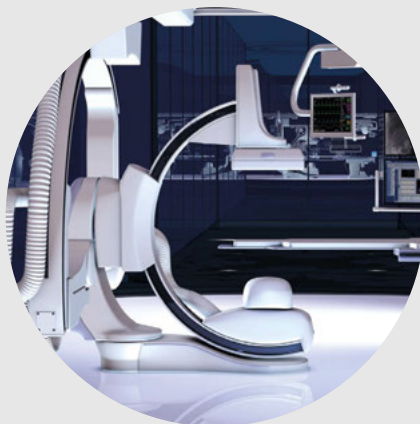
Our many years of cooperation with ABP-Antriebstechnik have been marked by professionalism and diligence. ABP always gives us the feeling of being at the right place at the right time. Our experience and fast implementation capability enable us to quickly roll out new ideas and projects on the market.

ABP-Antriebstechnik has always been acting in a competent and solution-oriented manner.”

## Special solutions



■ **ABP bevel gearboxes** used in **environmental technology**



■ **ABP spur gearboxes** used in **medical technology**



■ **ABP planetary gearboxes** used in **packaging machines**

# We collaborate with the customer, from the very first idea through to series production

## **ABP-Antriebstechnik GmbH**

Established in 1999, we are now a renowned Kanban and system supplier for precision mechanical and electromechanical drive and gear solutions, shaft couplings, gears and gear components, metering wheels and shaft encoder accessories.

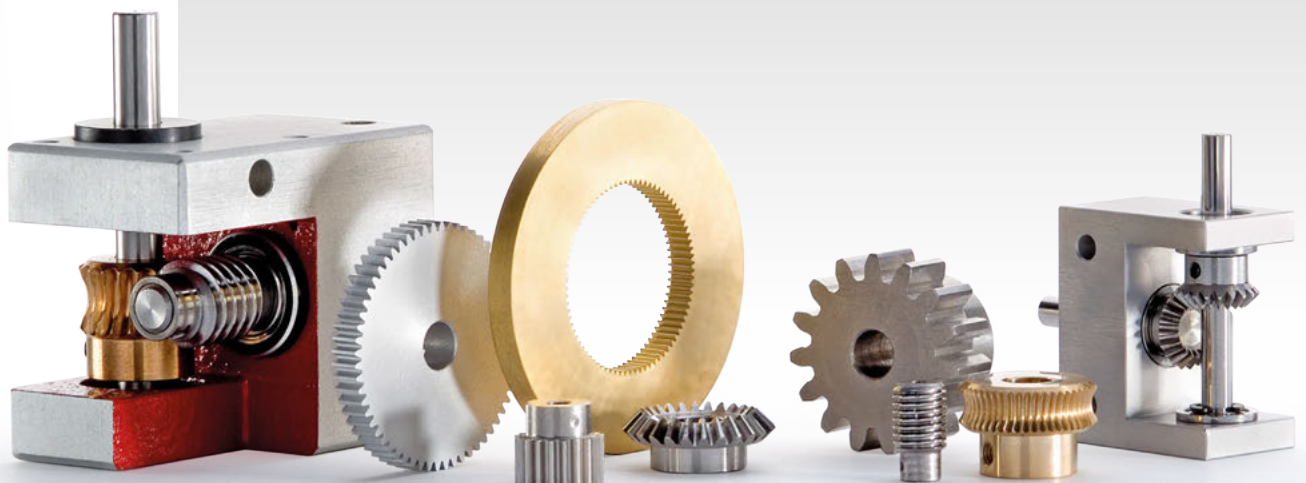


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**We are expert consultants for renowned companies in a wide range of industrial and application areas:**

- **Medical technology**
- **Environmental technology**
- **Drive technology**
- **Packaging machines**
- **Tool manufacture / mould making**
- **Mechanical engineering / plant construction**
- **Automation systems**
- **Robotics**
- **Heating / biogas systems**
- **Quality-for-life**
- **Construction / agricultural machines**

With our experienced and dynamic team, we develop and manufacture a wide range of customer-specific solutions in small and medium-scale production in close cooperation with our regional technology partners. From planning through design right up to prototyping and customized series production – we set ourselves the highest standard in terms of quality and service.

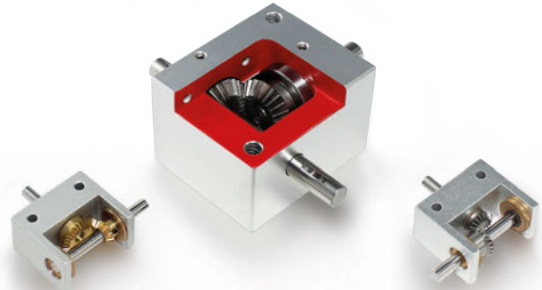


# Our range of products



## ■ Shaft couplings

From bellows couplings to heavy-duty couplings



## ■ Gears

Bevel, worm, spur and planetary gearboxes



## ■ Polyurethane-coated measuring wheels

Circumferences from 200 mm to 500 mm



## ■ Gear components

Bevel gears • Worms • Worm gears • Spur gears



 **a·b·p**  
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