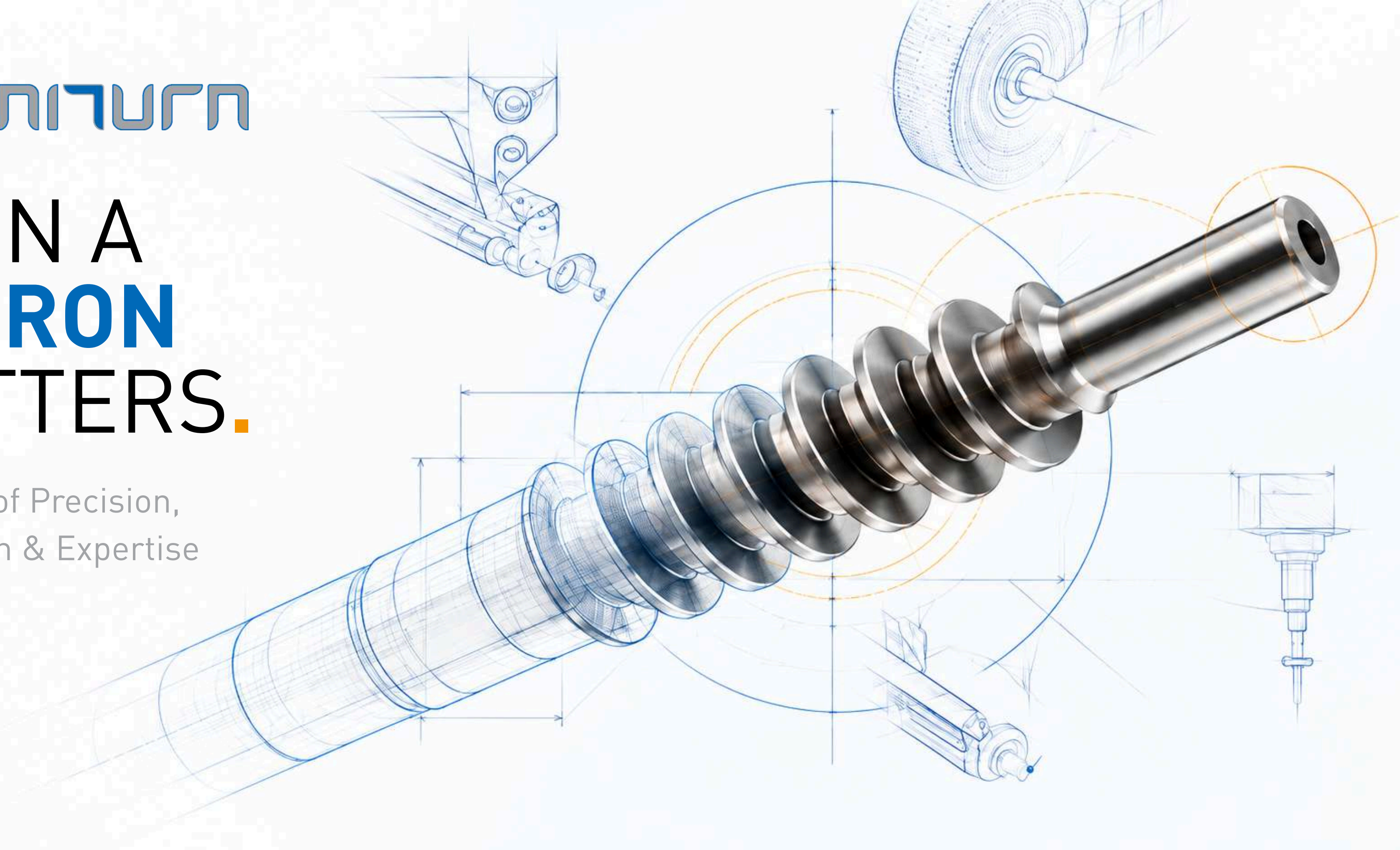




EVEN A **MICRON** MATTERS.

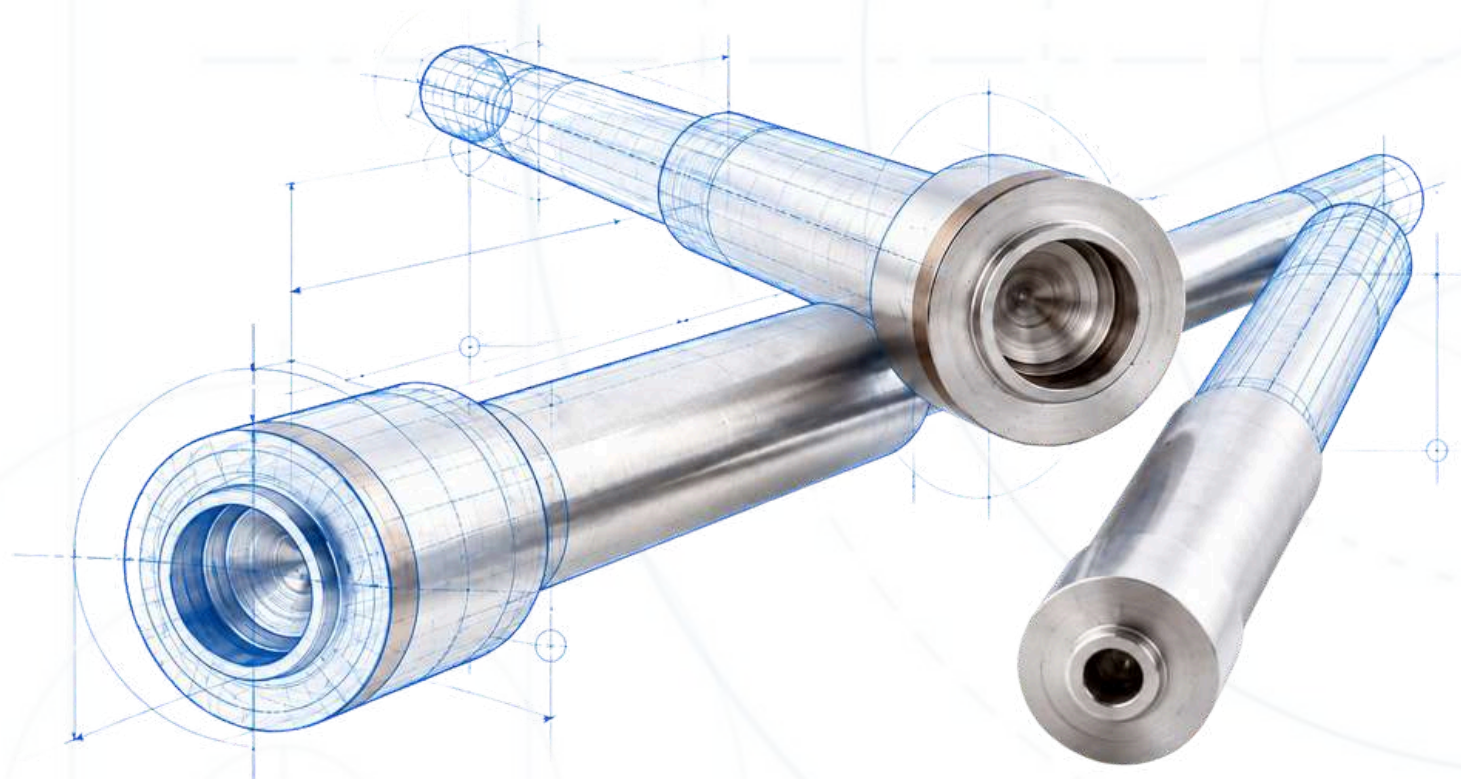
30 years of Precision,
Innovation & Expertise



ELECTROMOBILITY

THE FUTURE IS ELECTRIC.

New technologies. New markets. New opportunities.



IEA REPORT

Global EV Outlook 2026

Growing sales amid an energy crisis
2026



ELECTREK

EV sales are booming in Europe – and plunging in North America

September 10, 2026



ELECTREK

UK EV sales surge 36% to record high in September

October 2, 2026



REUTERS

China's high-speed race for fast-charging EVs

September 24, 2026



REUTERS

European EV sales hit record in 'pivotal' year for affordable cars, study shows

October 5, 2026



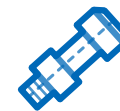
ABOUT UNITURN

PRECISION. PEOPLE. PROGRESS.

We manufacture high-value electric motor shafts, combining precision manufacturing, know-how and talent development.



Check out our [introduction video!](#)
Discover UniTurn in action



Electric Motor Shafts

manufacturing electric motor shafts - with a focus on **high added value**



Diverse application areas

household appliances, hospital beds, automotive sector, power tools



~100 employees

strong emphasis on training and R&D



Turning apprentices

through **dual education** in partnership with **Neumann János University**



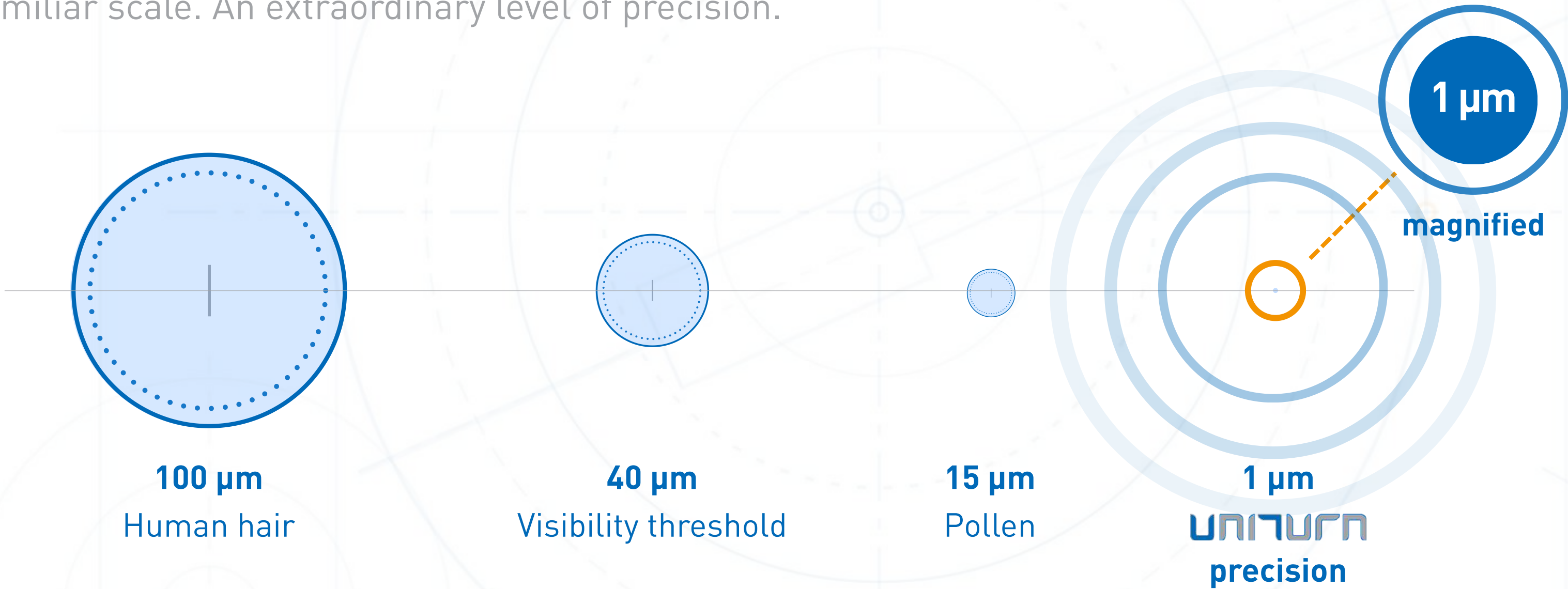
Three decades of know-how

strong emphasis on training and R&D

PRECISION EXPLAINED

HOW SMALL IS ONE MICRON?

A familiar scale. An extraordinary level of precision.



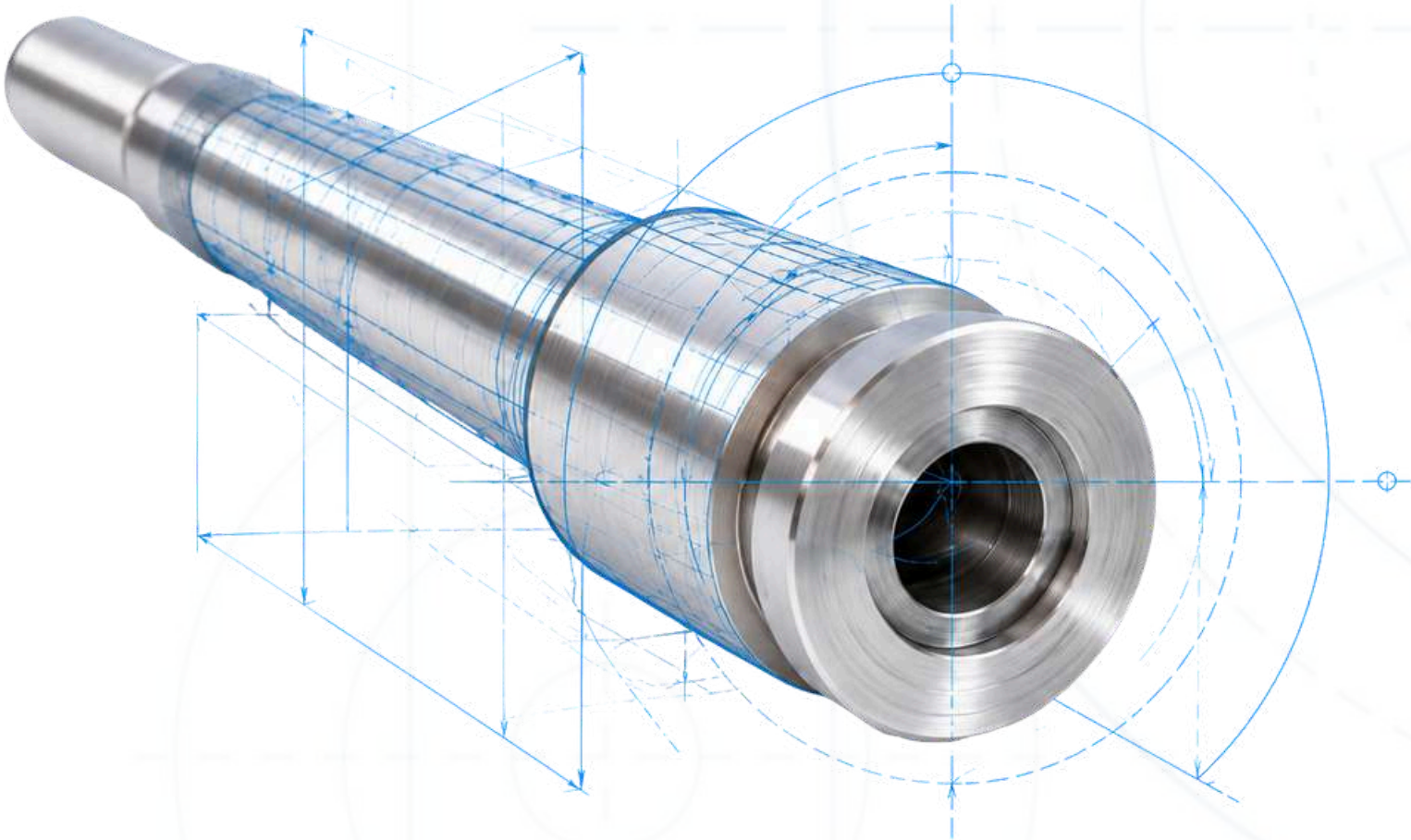
Circularity under 1 μm - polygon-free shaft profiles

Blue circles to scale; locator and inset enlarged

OUR KEY COMPETENCY

HIGH PRECISION.
REAL ADVANTAGES.

We can maintain a Cpk greater than 1.33 within a tolerance range of 6 µm.



OUR SPECIAL CAPABILITIES

-  Circularity fault < **0.5 µm**
-  Free of star shaped **profiles**
-  FFT analysis



THE RESULT

-  Lower **consumption**
-  Lower **noise level**
-  Longer **useful life**

Cpk
> 1.33

6 µm

TOLERANCE RANGE

QUALITY CONTROL

METROLOGY LABORATORY.

Advanced measurement capabilities
ensuring micron level precision.



CMM Multisensor machines



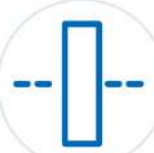
Roughness testers



Conturograph



Roundness
(FFT, Twist, Roughness)



Optical shaft measuring equipment



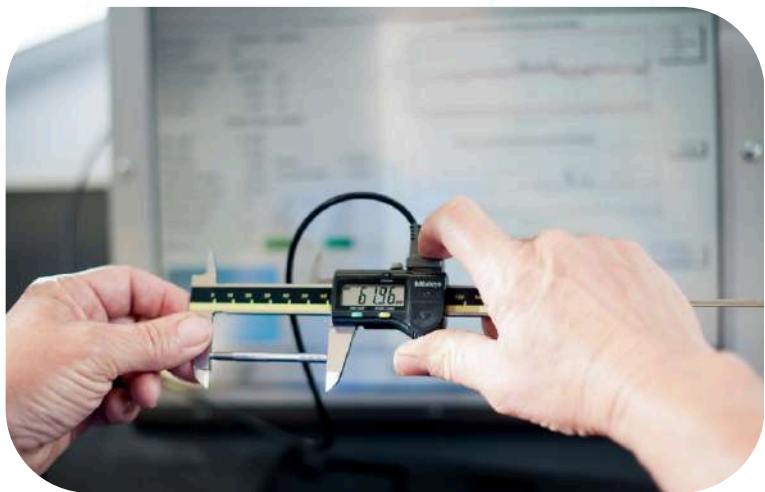
Hardness testers



Precision length measuring machines



Special measuring equipment



FIELD OF APPLICATION

ONE TECHNOLOGY. MANY INDUSTRIES.

High-precision motor shafts for demanding applications.



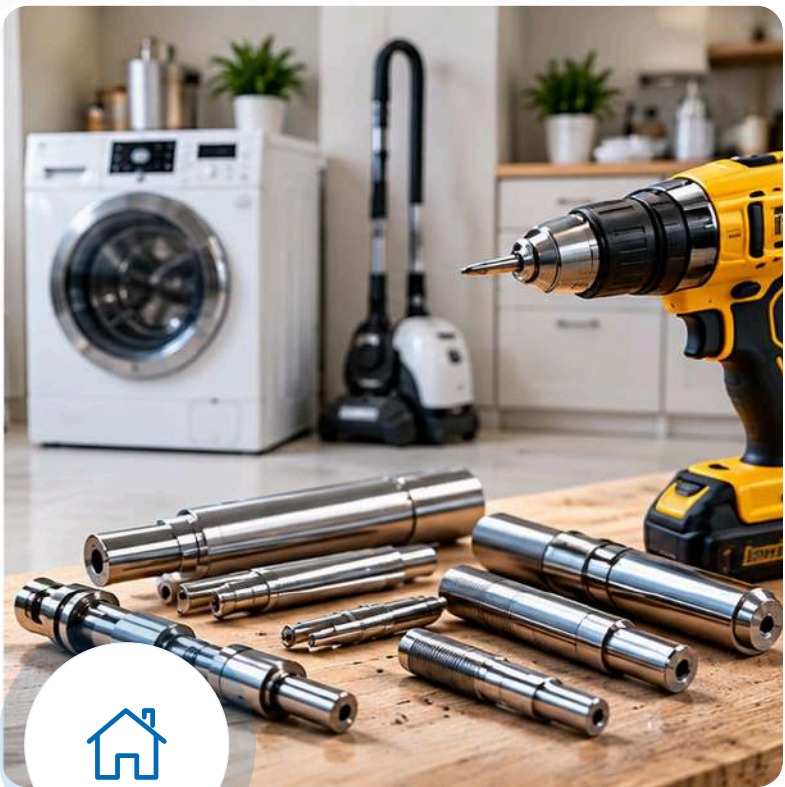
Worm shafts for DC motors
of hospital beds and furniture

-  High precision and reliability
-  Smooth and quite operations
-  Long service life



Automotive industry

-  High-performance motor shafts
-  Tight tolerances
-  Solution for e-mobility



DC & BLDC motor shafts
for home appliances and tools

-  Wide range of applications
-  High durability and precision
-  Household appliances and power tools

TRUSTED BY INDUSTRY LEADERS.

Askoll

 **BorgWarner**

B/S/H/

 **CONTITECH**

 **Copreci**

 **ECSERI KFT**

 **EMERSON**

FAG

 **FERRO-PRESS**
Fémipari Szolgáltató Kft

GMG

HILTI

 **legrand**

 **LEAX**

 **LINAMAR**

Miele

MIRKA

 **mitsubishi
ELECTRIC**

 **PHOENIX
MECANO**

 **prohEq**
professional hotel equipment

 **Swetech**

OUR MACHINES.

- | CNC swiss type longitudinal lathes
- | CNC centerless plunge grinders
(including 3 KOYO high-quality Japanese machines)
- | CNC turret lathes
- | Centerless throughfeed grinders
- | CNC roller / burnishing machines
- | Roller / burnishing machines
- | Induction heaters
- | Hydraulic presses
- | CNC orbital milling machines
- | Tapping machines
- | Hardening furnaces
- | CNC machining centers
- | And many more auxiliary devices...



YOUR VISION OUR PRECISION.

When performance, reliability and precision matter,
choose the partner that delivers - down to the micron.

We're ready to support your next project with high precision motor
shafts, manufacturing expertise and responsive partnership.



HIGH-PRECISION
COMPONENTS



MANUFACTURING
EXPERTISE



RESPONSIVE
PARTNERSHIP



Let's connect
sales@uniturn.hu

Thank you

Looking forward to
working together.