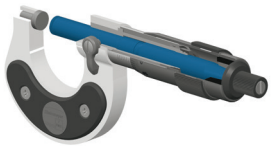
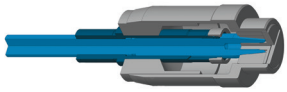
Jetzt online noch mehr Möglichkeiten entdecken!

Wenn Präzision, Bauraum und Umgebung vorgegeben sind, passt selten eine bestehende Antriebslösung. Wir entwickeln und produzieren nach Ihren Vorgaben einzelne Komponenten zur Positionierung bis hin zur fertigen Baugruppe. Entdecken Sie noch mehr Möglichkeiten unter www.feinmess-suhl.de



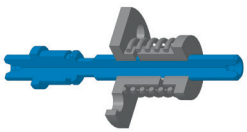
Mess- und Kallibriertechnik

Kundenspezifisch angepasste Handmessmittel, Kalibriersysteme sowie horizontale und vertikale Längenmesssysteme.



Komponenten zur Positionierung

Weiterentwicklung und Produktion von Komponenten zur Positionierung – von der Spindel über Messschrauben bis zur Baugruppe.



Design und Entwicklung

Entwicklung der kundenspezifischen Antriebslösung mit 3D-Entwurf, auf Wunsch unter NDA und mit Dokumentation.

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Deutsche Akkreditierungsstelle GmbH

Beliehene gemäß § 8 Absatz 1 AkkStelleG i.V.m. § 1 Absatz 1 AkkStelleGBV
Unterzeichnerin der Multilateralen Abkommen
von EA, ILAC und IAF zur gegenseitigen Anerkennung

Akkreditierung

DAkkS- oder Werkskalibrierung

Akkreditierte Kalibrierungen nach DIN EN ISO/IEC 17025 in unserem Laboratorium oder direkt vor Ort beim Kunden.

Feinmess Suhl GmbH / Pfütschbergstraße 11 / 98527 Suhl / Germany / www.feinmess-suhl.de

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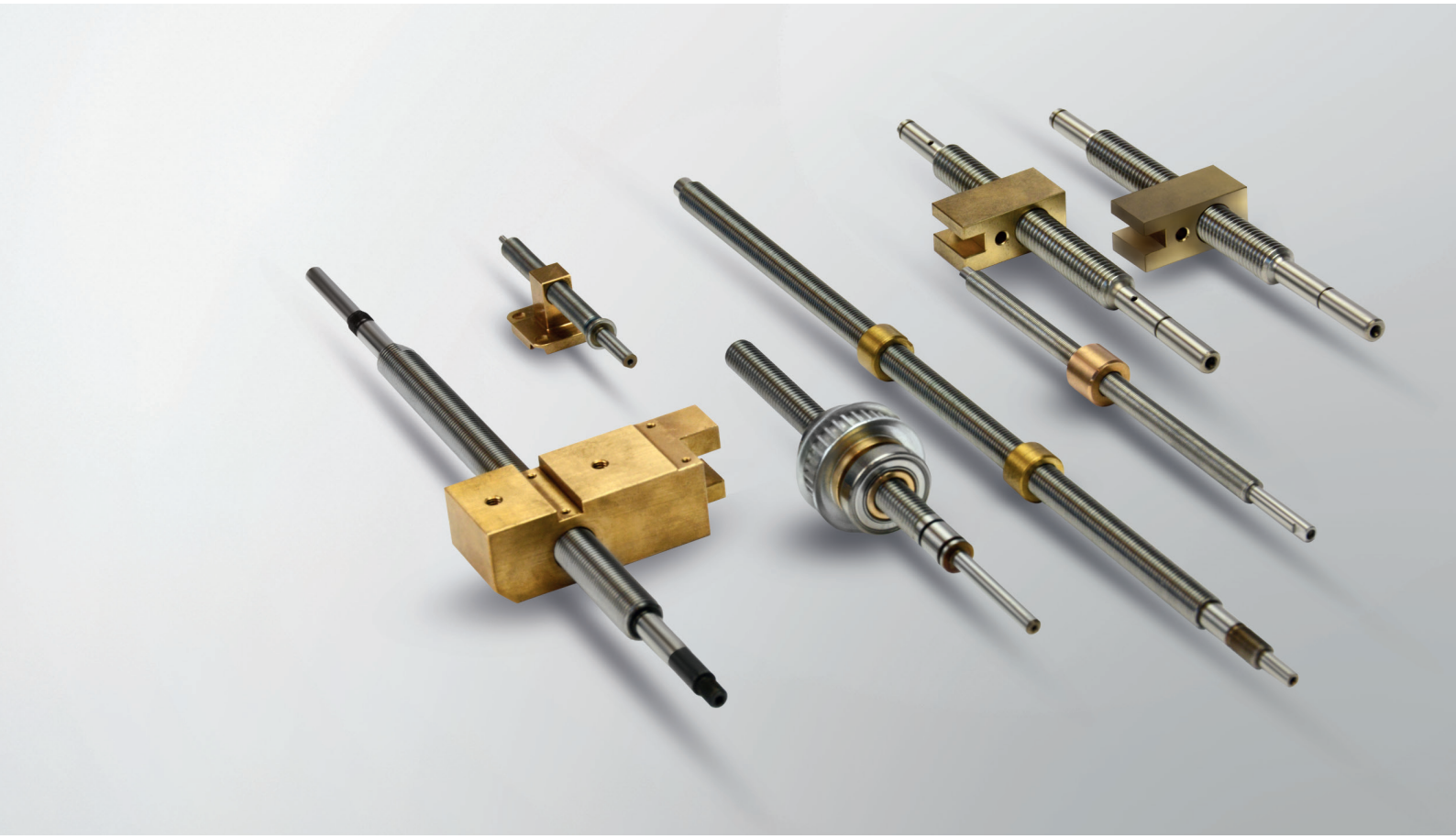
Feinmess Suhl



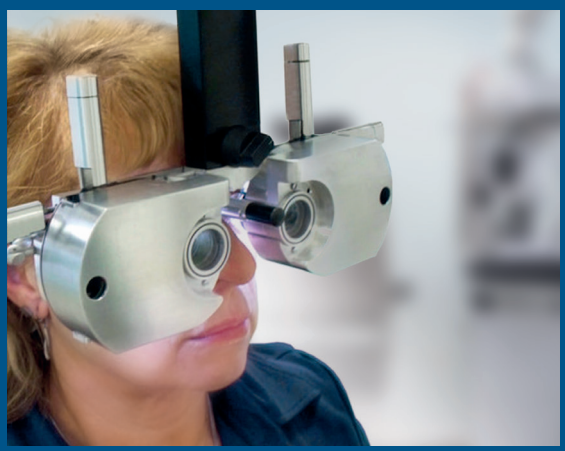
OEM Gleitgewindetriebe

Kundenspezifische Komponenten für
Antriebs- und Positionierlösungen
im Submikrometer-Bereich

Wir lösen Ihre Antriebsaufgaben

Feinmess Suhl gehört zur Steinmeyer Gruppe, welche weltweit mehr als 600 Mitarbeiter beschäftigt. Seit 1878 entwickeln und produzieren wir hochpräzise kundenspezifische Lösungen für die Messtechnik. Hochpräzise Gewindetriebe bilden die DNA des Produktportfolios. Gemeinsam mit uns können Sie den gesamten Antrieb individualisieren. Von der Spindel bis zur fertigen Baugruppe. Von Losgröße 1 bis zur Großserie.

Kundenspezifisch entwickelte Lösungen, Fertigung und Build-to-Print



Erprobte Antriebs- und Positionierlösungen

- Gleitgewindetrieb für die Verstellung in Phoroptern
- Kameraspindel für Fokus- oder Zoom-Funktion
- Mechanisch-optische Einrichtungen für IR-Systeme
- Scanner zum Digitalisieren von Röntgenaufnahmen
- Systeme mit und ohne motorischen Antrieb
- Präzisionspositionierungstechnik
- Kamerasysteme
- Messmikroskopie
- Universalprüfmaschinen

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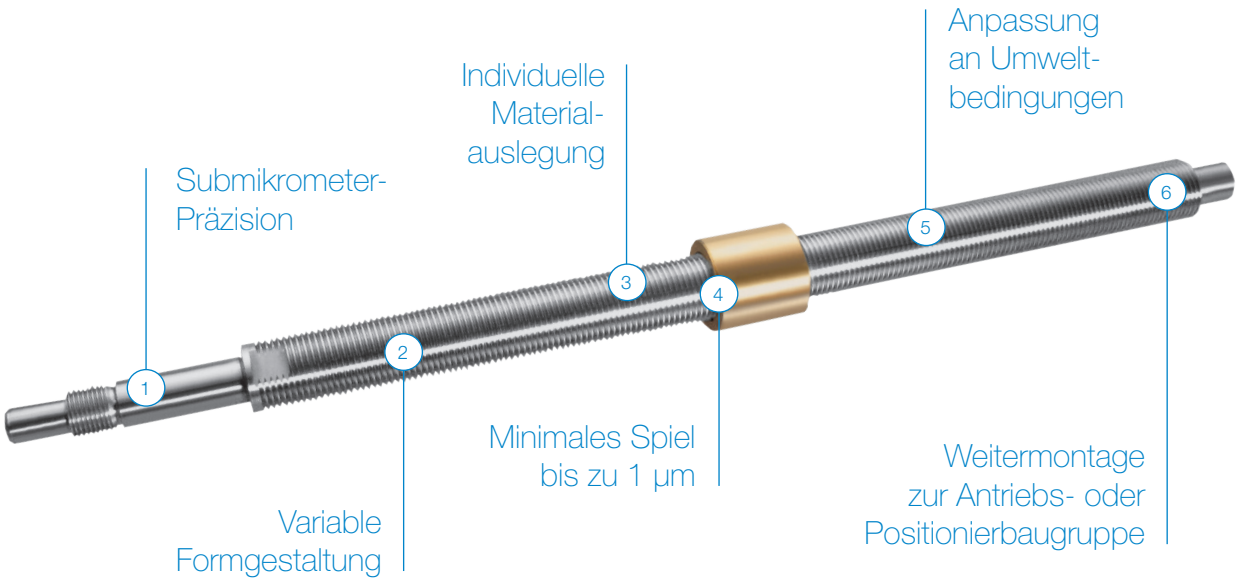
100 % kundenspezifische Anpassung und Entwicklung



Zentrier-Gewindetrieb
M3x0,5 - RH/LH
Hub: 2 x 5 mm
Anwendung: Feinfühlige Zentrierungen in Phoroptern

Fokussier-Gewindetrieb
M8x2,5P1,25 - 2-gängig
Hub: 32 mm
Anwendung: Antriebslösung zur optischen Feinverstellung

Vakuum-Gewindetrieb
S24x2,5
Hub: 160 mm
Anwendung: Trockenlauf unter Vakuum bis 10^{-6} mbar

FLEX-Mutter-Gewindetrieb
M6x1
Hub: 71 mm
Anwendung: Ausgleich von Einbauabweichungen

Discover even more possibilities online!

When precision, dimensions and environment are given, a standard solution is rarely suited. Our focus is on providing the support and services most appropriate for each case. It's our ability to adapt to our customer's needs and deliver fast results that best define us as an organization.

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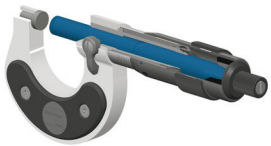
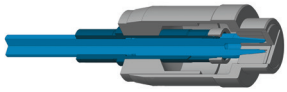


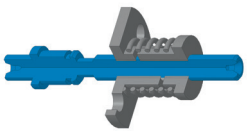
Metrology and Calibration Systems

Customized portable measuring instruments, calibration systems, horizontal and vertical length measuring systems.



Components for Positioning

Advanced development and production of components for positioning: spindle, micrometer heads as well as assemblies.



Design and Development

Development of the customized drive solution with 3D design, on request with NDA and documentation.

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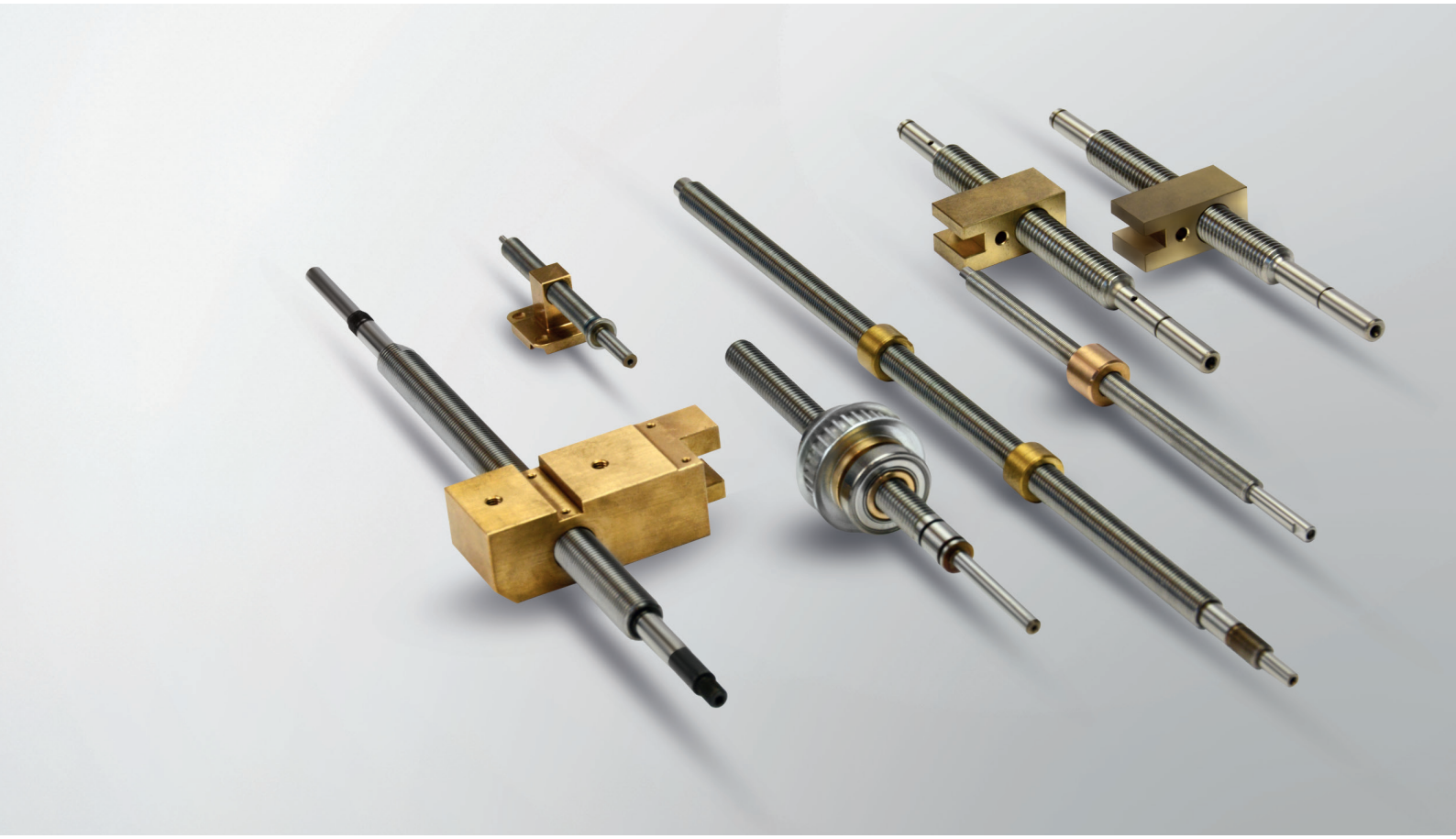


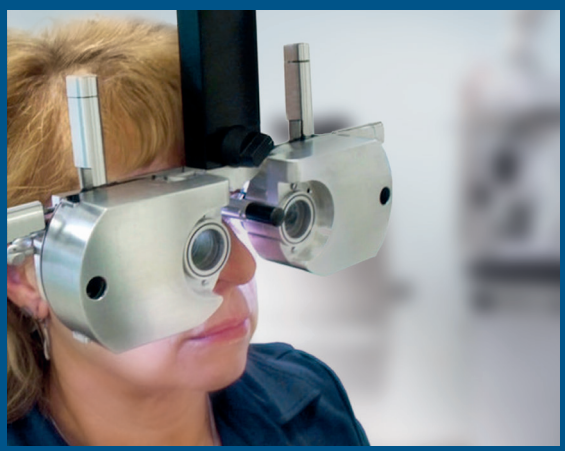
OEM
Lead Screws

Customized Components for
drive and positioning solutions
in the submicrometer range

We solve your drive tasks

Feinmess Suhl is part of the Steinmeyer Group, which employs more than 600 people worldwide. Since 1878, we have been developing and producing high-precision customer-specific solutions for metrology. High-precision lead screw drives are the DNA of our product portfolio. Together with us, you can individualize your drive solution. From the spindle up to the final assembly. We provide a complete selection of services, including engineering, prototypes and large series production.

Custom Engineered Solutions, Manufacturing and Build to Print



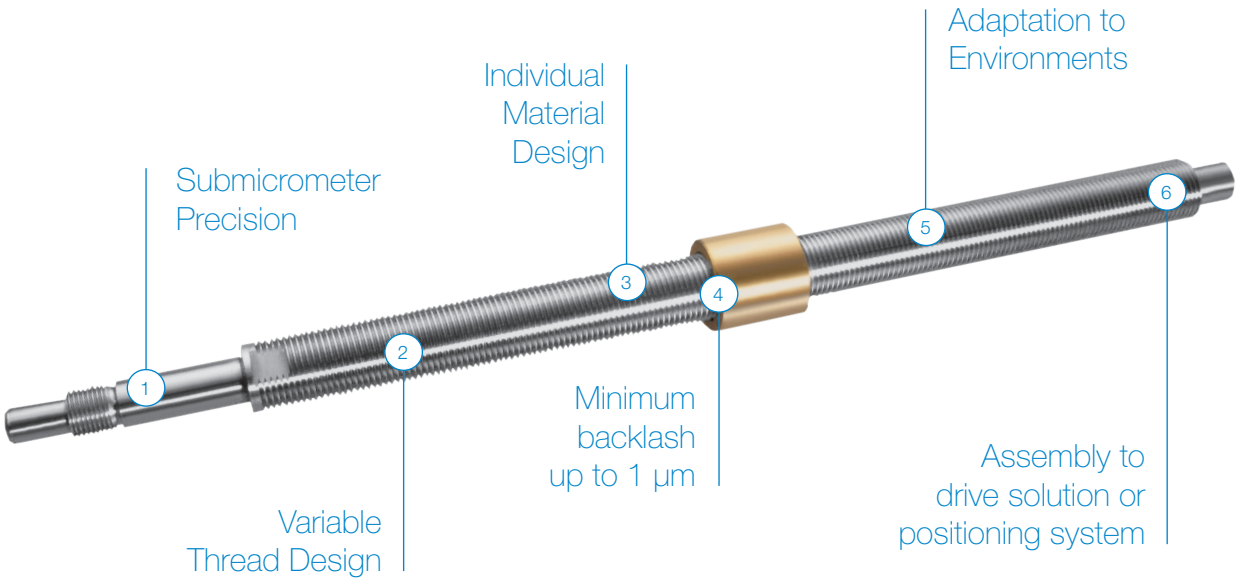
Field-proven drive and positioning solutions

- Lead screw for adjustment in phoropters
- Camera spindle for focus or zoom function
- Mechanical-optical equipment for IR systems
- Scanners for digitizing X-ray images
- Systems with and without motor drive
- Precision positioning technology
- Camera systems
- Measuring microscopy
- Universal testing machines

Steinmeyer

Feinmess Suhl

100% individual customization and development



Centering Lead Screw
M3x0,5 - RH/LH
Stroke: 2 x 5 mm
Application: Ultra-fine centering in phoropters

Focusing Lead Screw
M8x2,5P1,25 - dual start
Stroke: 32 mm
Application: Drive solution for optical fine adjustment

Vacuum Lead Screw
S24x2,5
Stroke: 160 mm
Application: Dry running under vacuum up to 10^{-6} mbar

FLEX Nut Lead Screw
M6x1
Stroke: 71 mm
Application: Compensation of mounting tolerances

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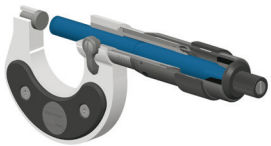

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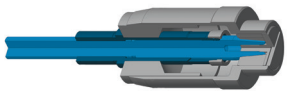

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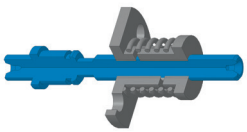

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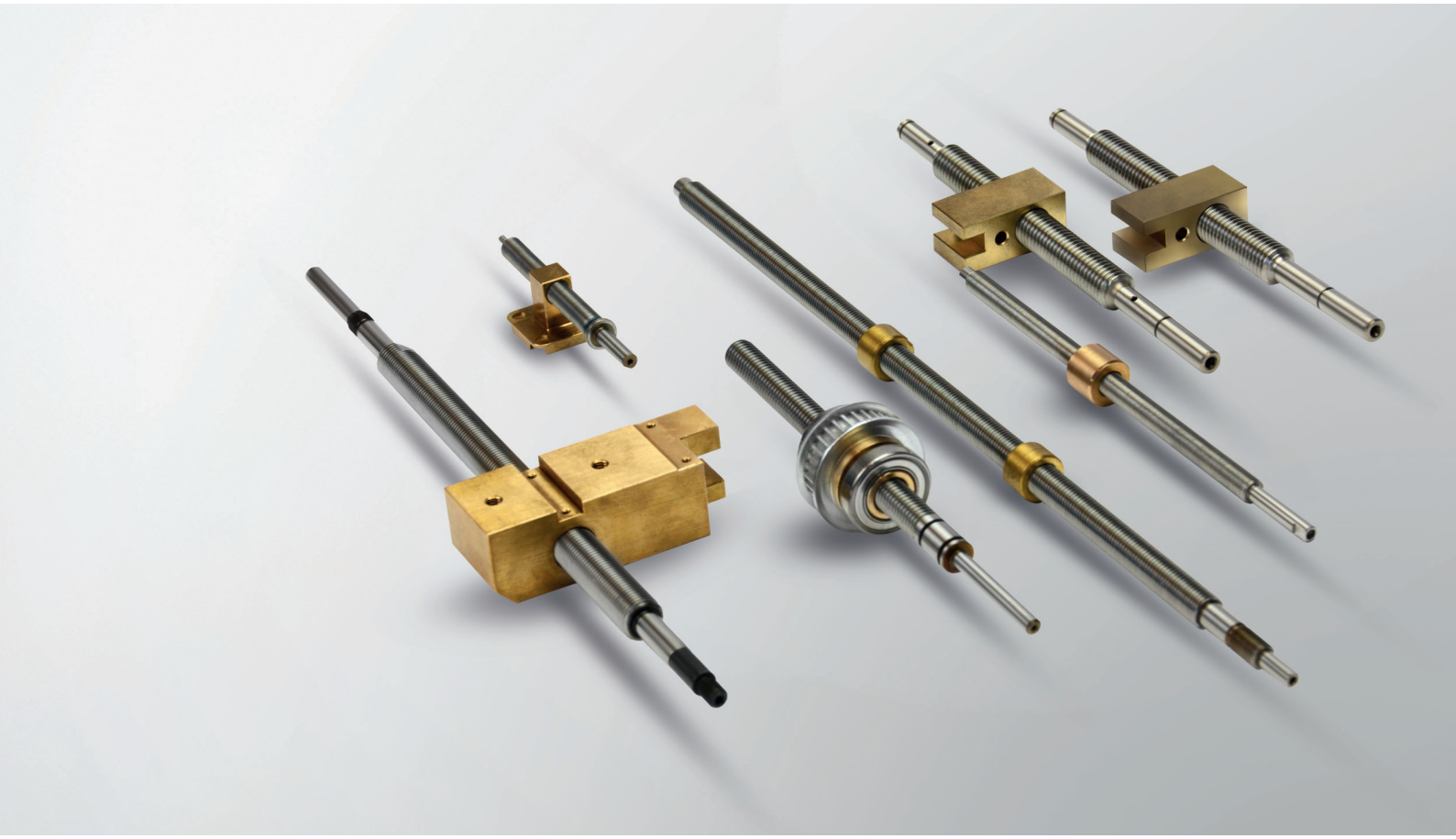

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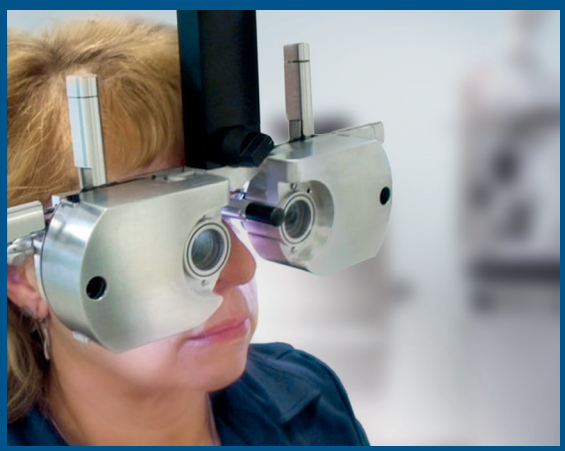

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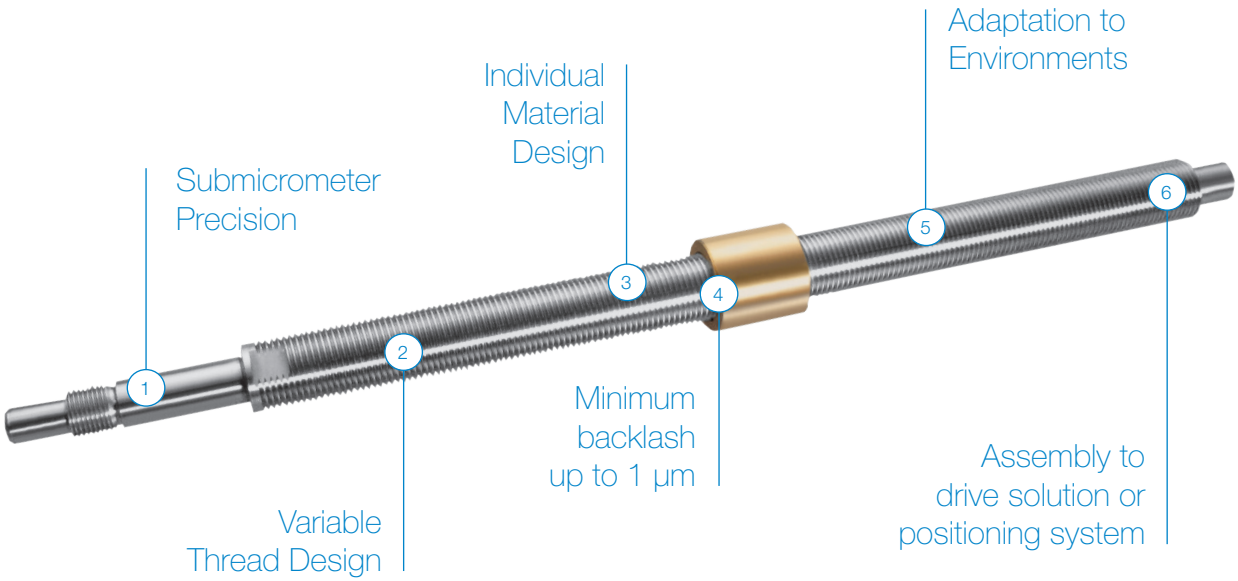

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