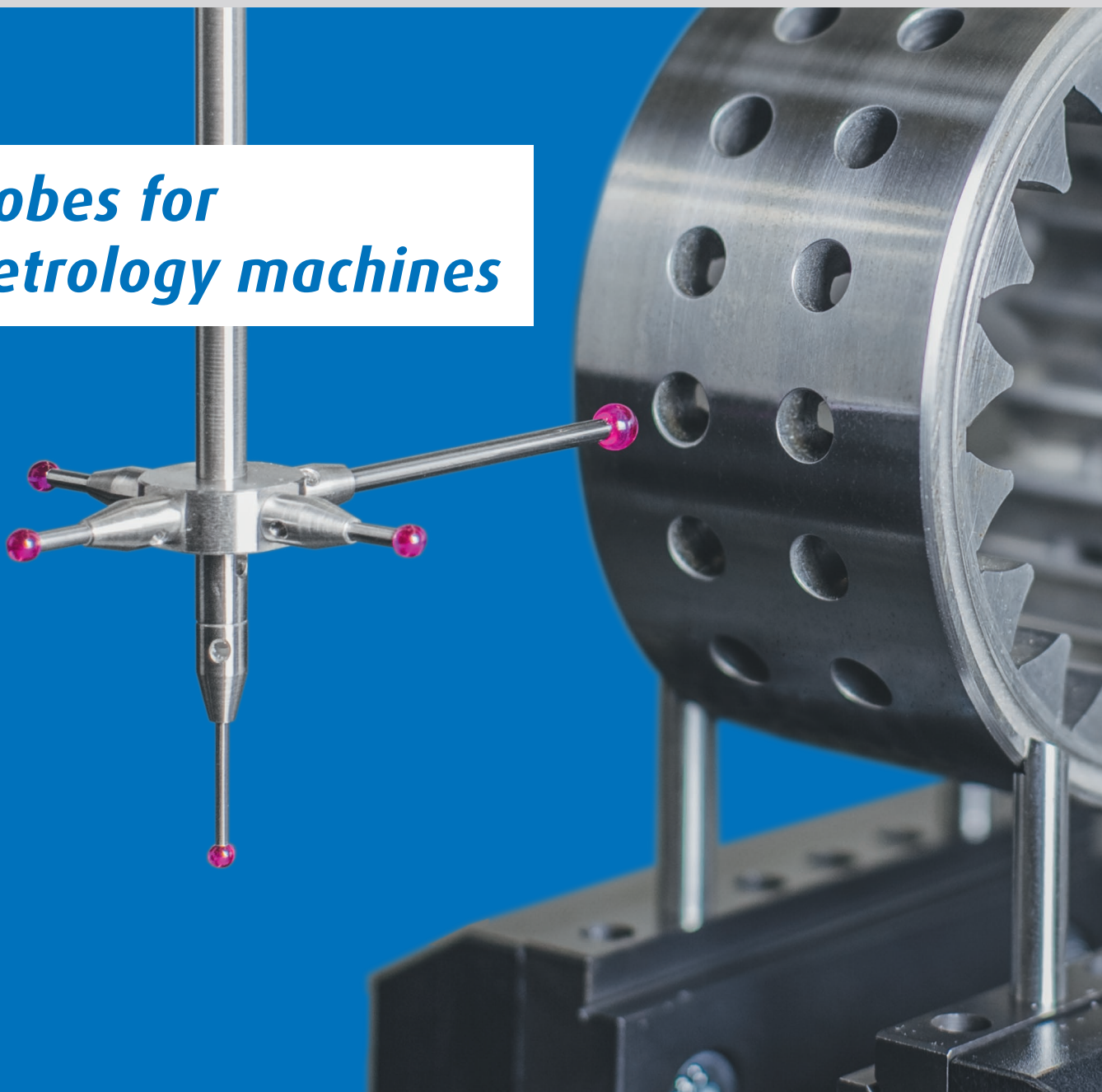


Measuring probes

***Probes for
metrology machines***



High-End styli's from dk

The measuring machine touches the test object via the stylus. The quality of the stylus is thereby crucial for the measurement results. Design, materials and manufacturing processes determine the precision and durability of the stylus.

Recommendations for use

Styli from dk guarantee precise measurement in the μ -range. In addition to our extensive standard programme, we can also supply you with customised special solutions. All styli meet the highest quality standards and are "Made in Germany". And that at a really reasonable price.

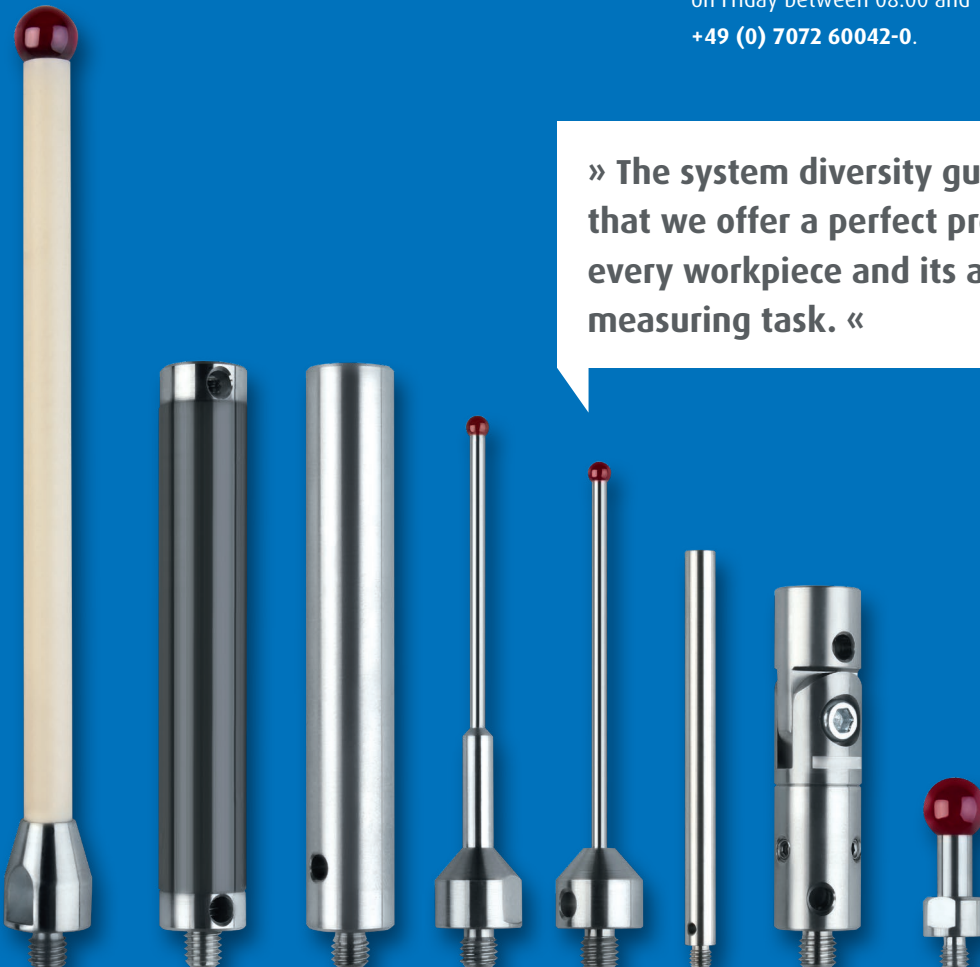


You can find the digital catalogue version and the type list at:
www.dk-fixiersysteme.de/messtaster



Do you have any questions about our products? We would be happy to offer you personal advice. We look forward to your call! You can reach us from Monday to Thursday between 08.00 and 16.00, and on Friday between 08.00 and 13.00 under the telephone number **+49 (0) 7072 60042-0**.

» The system diversity guarantees that we offer a perfect probe for every workpiece and its associated measuring task. «



Selection criteria



1 Stylus ball

Highest quality and secure connection of stylus ball to shaft through a special vacuum soldering technique



Ruby:

- » Extremely hard & low specific density
- » Optimal for most standard applications



Silicon nitride:

- » Especially for measuring aluminium workpieces
- » No attraction of aluminium, therefore less material deposit on stylus ball



Zirconium oxide / Ceramic:

- » Finer surface finish
- » Especially for intensive scanning of cast iron surfaces
- » Ideal for abrasive surfaces, as wear on the stylus ball is minimised



Carbide:

- » For micro styli with very small ball diameters
- » For special dimensions that cannot otherwise be easily manufactured



Diamond coated styli:

- » For extremely hard, very rough, abrasive and sharp surfaces
- » Ideal when measuring with the scanning method

2 Styli shafts:

Shafts can be solid or tubular.



Carbide:

- » Standard applications, high stiffness
- » Ideal for small shaft diameters (≤ 1 mm)
- » Ideal for long shafts (up to 50 mm)
- » Used mainly in metrology rooms with stable ambient temperatures



Carbon fibre:

- » Very light with very high rigidity
- » Ideal for very long styli (over 50 mm)
- » Coefficient of expansion almost zero



Ceramic:

- » Very light with extreme strength & high collision resistance
- » For long shafts with diameters over 3 mm
- » For use in machine shop applications

3 Holders

Versions with M2, M3, M4 or M5 connector threads. Stainless steel bodies.

4 Accessories

Extensions made from stainless steel, carbon fibre, ceramic or titanium. Joints, holders and adapters for complex measuring processes and maximum flexibility.



The digital version of our
catalogue is available here:
www.dk-fixiersysteme.de



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info@dk-fixiersysteme.de
www.dk-fixiersysteme.de

modular. simple. better.

dk fixation systems and probes

For full utilisation of your measuring machines' capacity

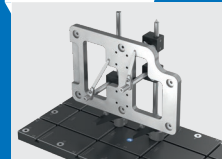
The ca. 1,000 parts of the comprehensive standard modular system of the dk fixation systems for measurement technology offers the following advantages:

- » Tried and tested modular system that has grown over decades
- » Modularity across different programmes
- » Solutions for every positioning task
- » Economic efficiency through synergy effects of several sector solutions

SWA39



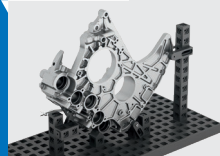
SPANNFIX PRO



SPANNFIX ECO



QUADERFIX



SCHIENENFIX



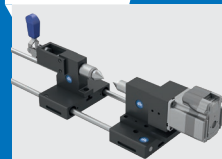
MICROFIX



SWA39CT



SPEZIALFIX



ARTICULATED SYSTEMS



SWA39 SURF



**FAST
REASSEMBLY
LIFELONG**

The basic principle of all dk fixating systems!

Our modular fixtures can be effortlessly disassembled and precisely reassembled at any time. The compatibility of the fixturing systems make the utility value perfect.