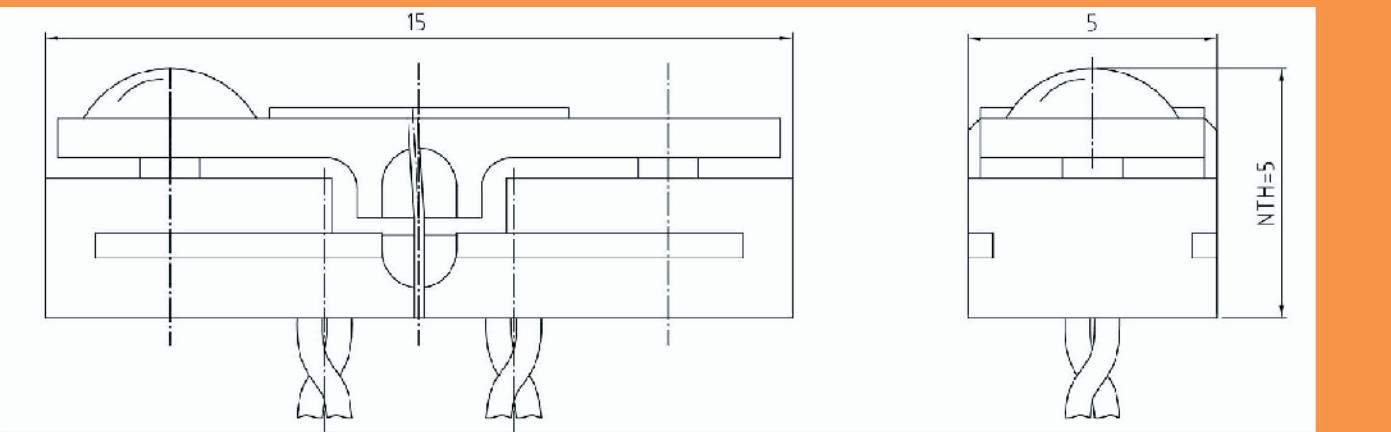
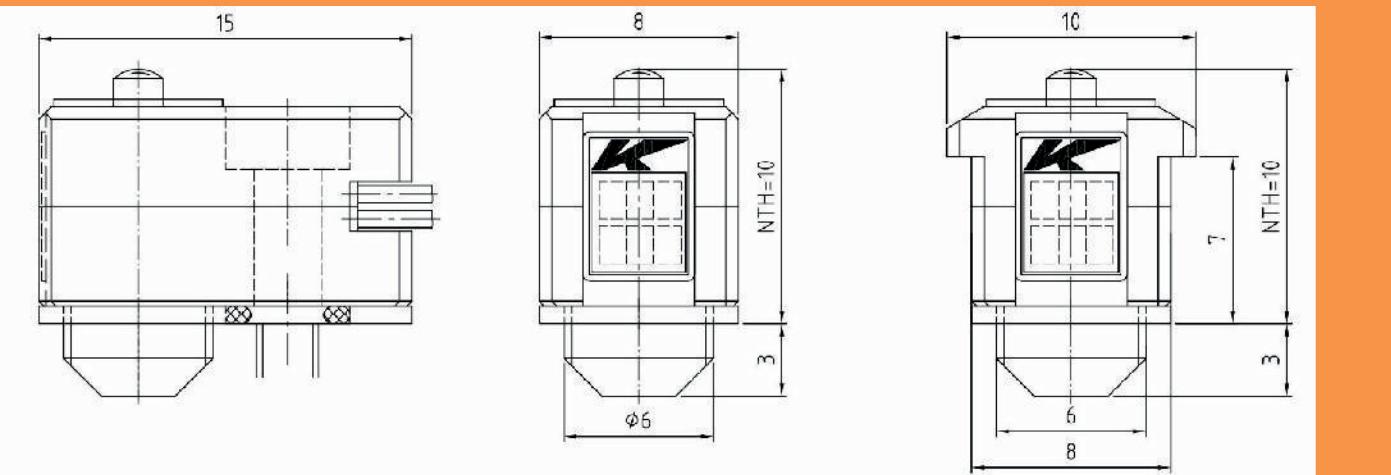


DIMENSIONS AND TECHNICAL SPECIFICATIONS

Typ IET



Typ KMT



Type

IET-T

IET

KMT

Measuring principle	Inductive, half bridge	Inductive, half bridge	Inductive, half bridge
Supply voltage	Tesa comp.	Knäbel IET comp.	Tesa comp.
Probe tip	SIC	SIC	Ceramic
Actuation	Spring	Spring	Pneumatic / spring
Fixing	Crew, at the side	Crew, at the side	One screw
Design	Open	Open	Capsuled
Linearity	1% FS	0.5% FS	1% 200 µm



LOCATION

Horst Knäbel GmbH | Robert-Bosch-Str. 8 | D-40668 Meerbusch

CONTACT

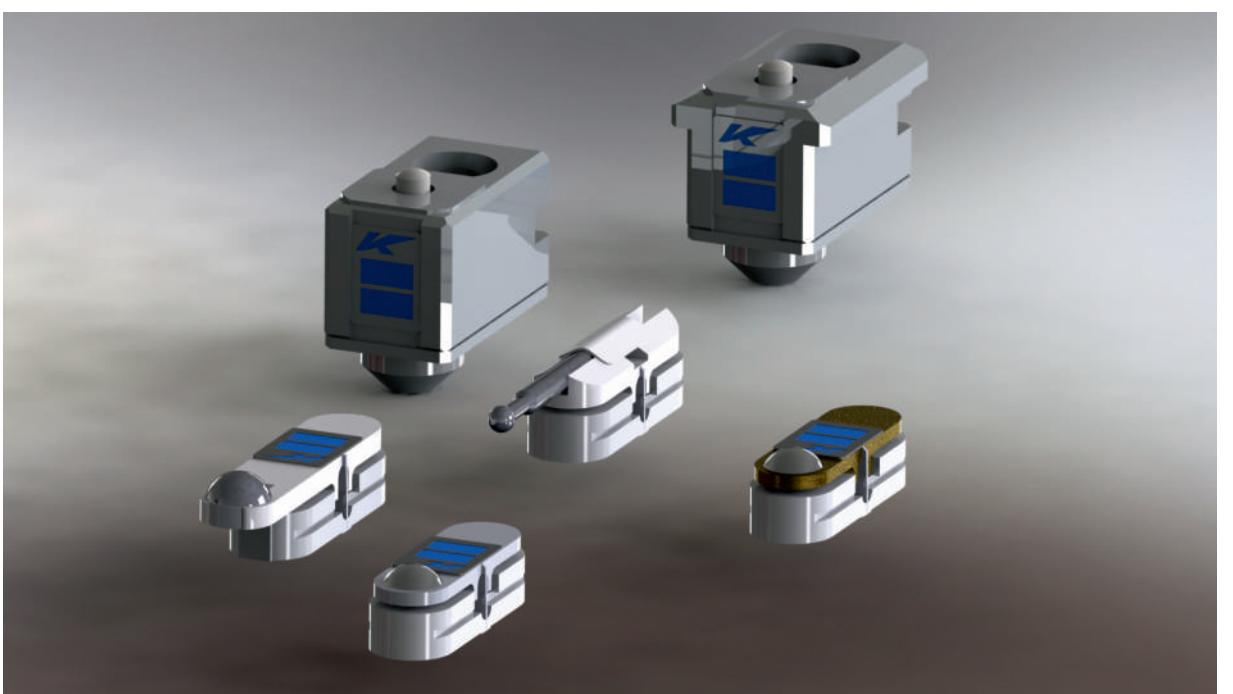
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engelsberg@horst-knaebel.com | www.horst-knaebel.com

CONTACT PERSONS

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Sales + Distribution | Guido Riedel | Phone +49 2150 9656-25

SOME REFERENCES

Aston Martin | Audi | BMW | Daimler | Fiat | Ford | General Motors
Harley Davidson | Honda | Krupp Presta AG | Mahle | Mitsubishi
Phillips | PSA | SKF | Toyota | Thyssen Krupp | Volkswagen



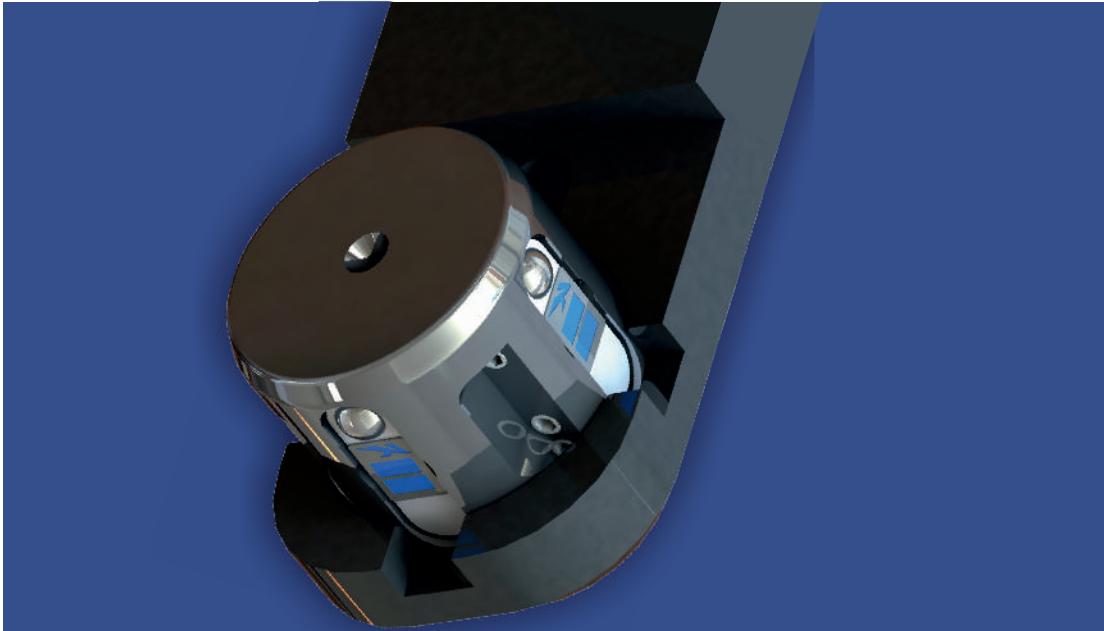
MESMASTER

für hochgenaueste Anwendungen

PROBES

for high precision operations

Präzisionsmesstechnik seit mehr als 25 Jahren.
Precision measuring technique since more than 25 years.



Die Knäbel Messtaster stehen für kleinste Abmessungen bei höchster Präzision.

So wird es dem Anwender ermöglicht, die Messtaster direkt an der zu messenden Stelle zu platzieren.

IET und **KMT** zeichnen sich durch vielfältige Bauformen und große Messbereiche aus, die neuen **IET** 13 KHz Taster durch noch einfachere Anschlussmöglichkeiten.

Minimale Baugröße bei maximalem Messbereich!

The Knäbel probes achieve highest precision by minimal size.

The benefit for the user is to place the probes very close to the measurement point.

A big range of types is available for **IET** and **KMT** in combination with huge measurement ranges. The new **IET** 13 KHz Tesa compatible probes are characterized by a very simple installation.

Minimum size at maximum range!



IET - TESA® kompatibel

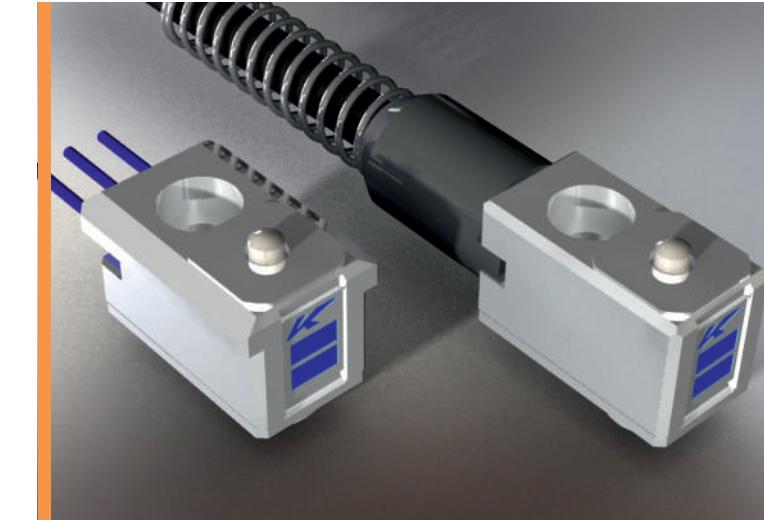
- 13 KHz Speisefrequenz.
- Viele Ausführungen möglich.
- Offene Bauform.
- Messhub +/- 200 µm.
- Vollkommen frei von Reibung und Hysterese.
- Abmessungen 5 x 5 x 15 mm.

- 13 KHz frequency.
- Many different types available.
- Open design.
- Measurement range +/- 200 µm.
- Free of friction and hysteresis.
- Size 5 x 5 x 15 mm.

IET

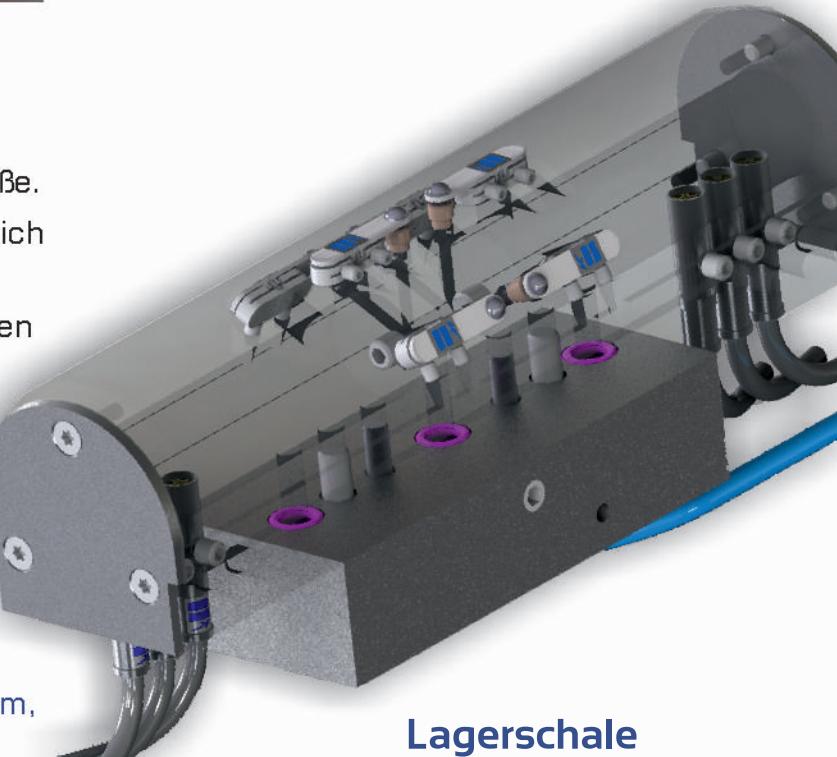
- Viele Ausführungen möglich.
- Offene Bauform.
- Messhöhe von +/- 200 µm bis +/- 800 µm.
- Vollkommen frei von Reibung und Hysterese.
- Optional als Tasterblock ohne Justage.
- Abmessungen 5 x 5 x 15 mm.

- Many different types available.
- Open design.
- Measurement ranges from +/- 200 µm up to +/- 800 µm.
- Free of friction and hysteresis.
- Likewise available as measurement cell for use without adjustment.
- Size 5 x 5 x 15 mm.



KMT

- Gekapselte Bauform.
- Maximaler Messbereich bei kleinster Baugröße.
- Messhub bis zu +/- 1000 µm, Messbereich analog +/- 250 µm.
- Besonders geeignet bei Nuten und Lagerungen.
- Pneumatischer Antrieb des Tastelementes.
- Tastelement mit hochfester Keramik.
- Luftspülung.
- Abmessungen 8 x 8 x 15 mm.
- Compact design.
- Maximum range by smallest size.
- Measurement stroke up to +/- 1000 µm, analog measurement range +/- 250 µm.
- Especially appropriate to measure within slots and bearings.
- Pneumatic drive of probe tip.
- High strength ceramic probe tip.
- Cleaning air.
- Size 8 x 8 x 15 mm.



**Lagerschale
Bearing**