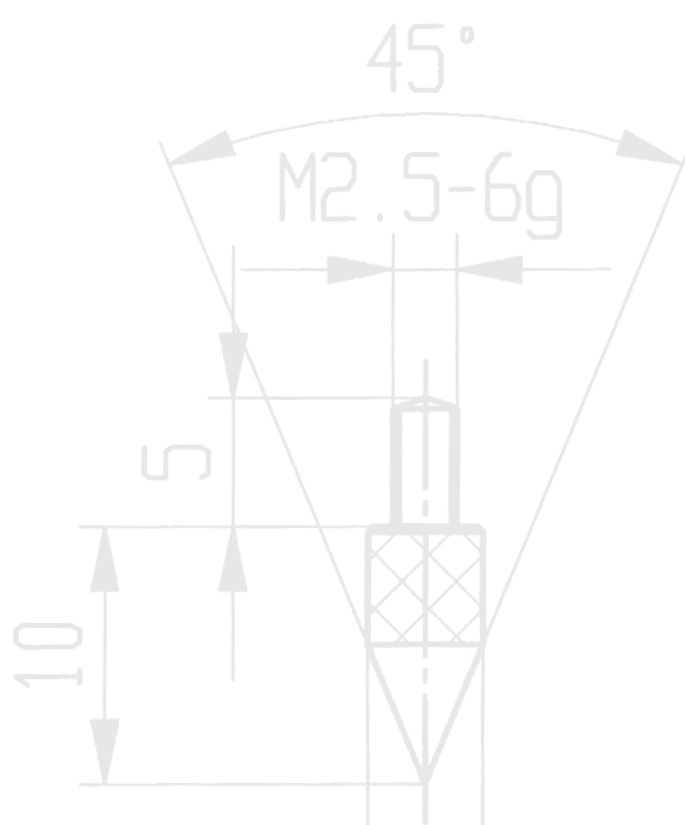
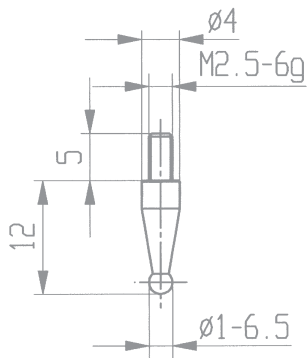
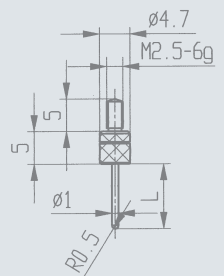
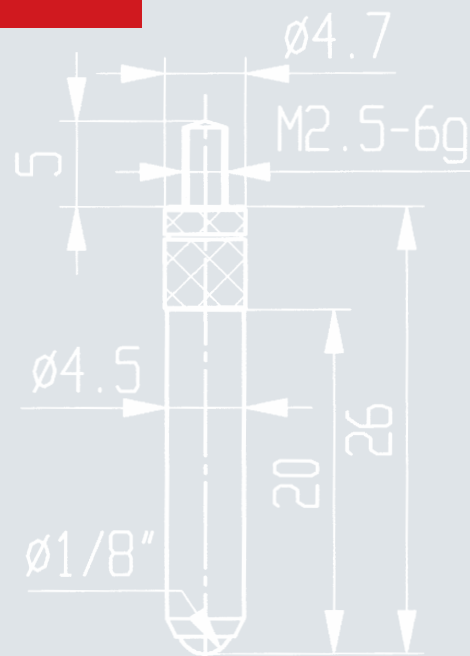
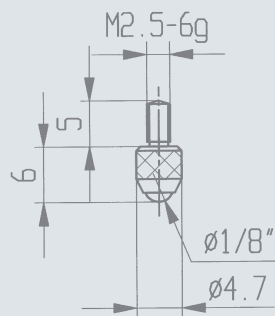
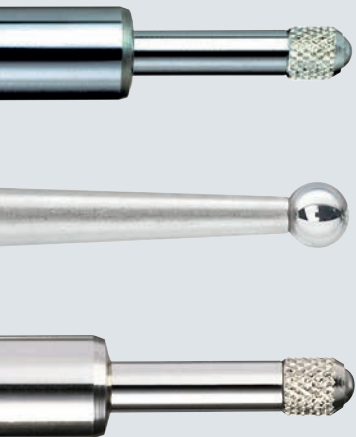
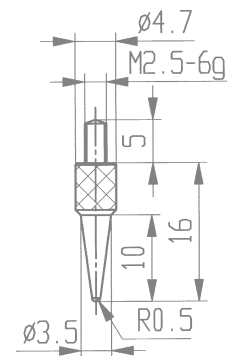


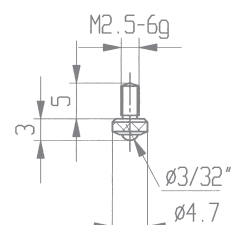


Messeinsätze und Zubehör für Messuhren und Messuhrengeräte

Contact Points and Accessories for Dial Gauges and Dial Gauge Instruments



Ihr Partner für höchste Präzision
Your partner for highest precision



Käfer Messuhrenfabrik – seit 1932 – Der Spezialist im Messuhrengeschäft

Käfer Messuhrenfabrik – since 1932 – The specialist in Dial Gauges

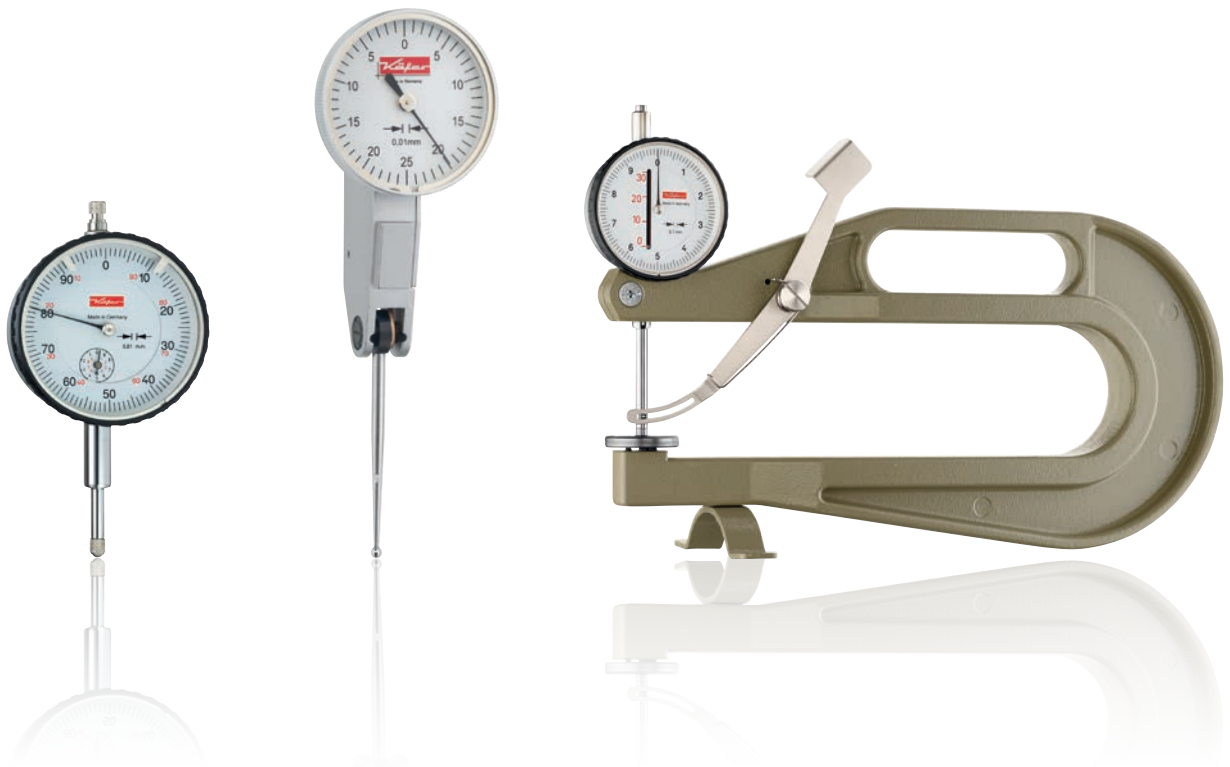


Unser breites Fabrikationsprogramm umfasst über 1000 Standardmodelle an

- Präzisionsmessuhren
- Fühlhebelmessgeräten
- Feinzeigern
- Dickenmessgeräten
- Tiefenmessgeräten
- Sondermessgeräten
- Messeinsätzen

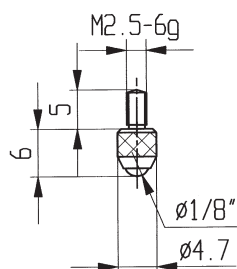
We offer a broad manufacturing programme of more than 1000 standard versions of

- *Dial Gauges*
- *Dial Test Indicators*
- *Comparator Gauges*
- *Thickness Gauges*
- *Depth Gauges*
- *Special Measuring Instruments*
- *Contact Points*

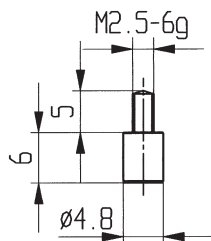


Wir sind der größte eigenständige Hersteller von Messuhren in Europa. Unsere Zentrale und das Hauptwerk befinden sich am Rande des Schwarzwalds in Villingen-Schwenningen, Deutschland.

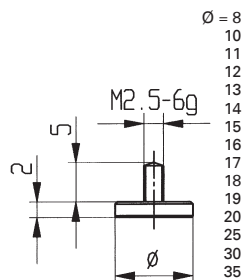
The most important european manufacturer of Dial Gauges. Our headquarter and main plant is located in Villingen-Schwenningen, Germany.



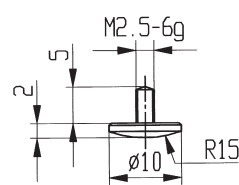
M2/70



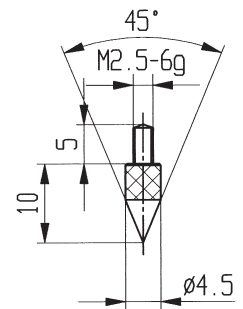
573/10



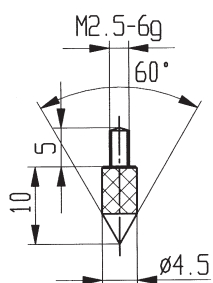
573/11



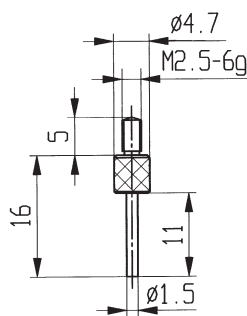
573/12



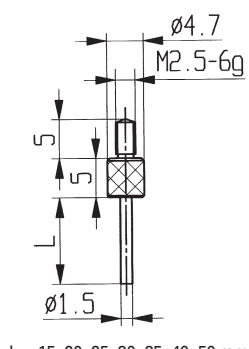
573/13



573/13-60

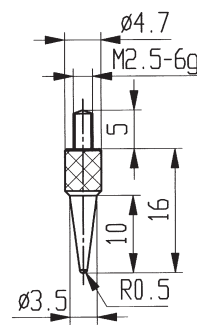


573/14

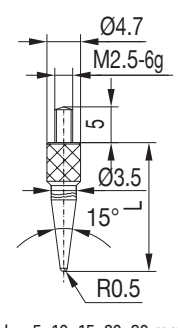


L = 15, 20, 25, 30, 35, 40, 50 mm

573/14 L

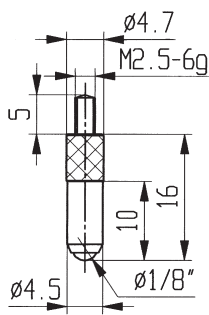


573/15

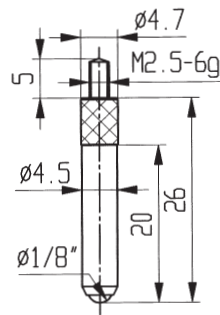


L = 5, 10, 15, 20, 30 mm

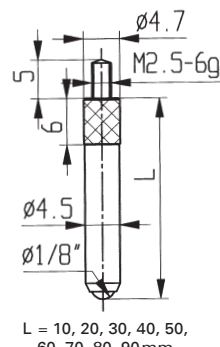
573/15 L



573/16

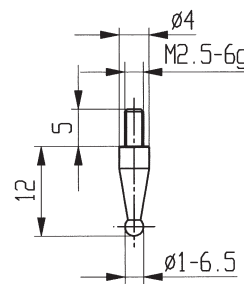


573/17

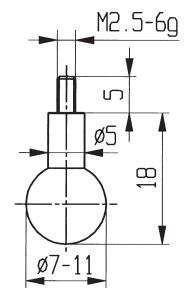


L = 10, 20, 30, 40, 50, 60, 70, 80, 90 mm

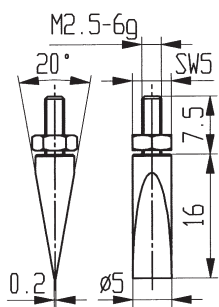
573/17 L



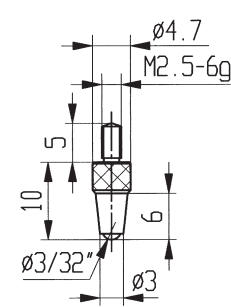
573/18



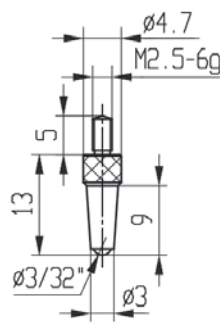
573/19



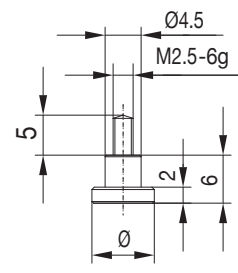
573/20 E



573/21

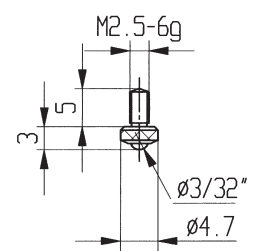


573/21 L-13



Ø 7.8, 10 mm

573/22

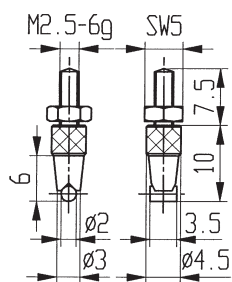


573/23

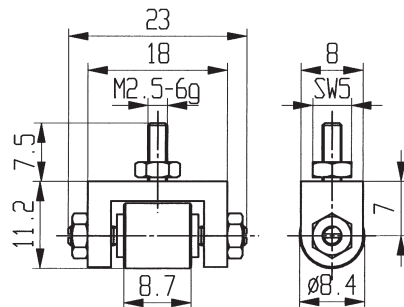
Sondermesseinsätze in verschiedenster Formgebung auf Anfrage.
Special contact points are available on request.

Messeinsätze für Messuhren und Feinzeiger

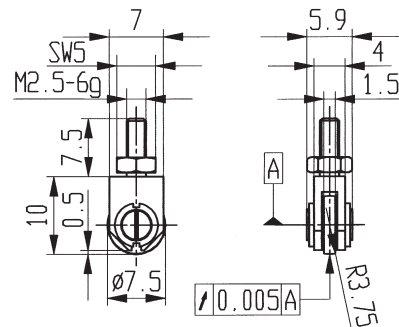
Contact Points for Dial Gauges and Comparator Gauges



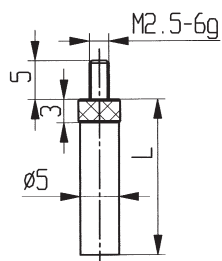
573/24 E



573/25 E

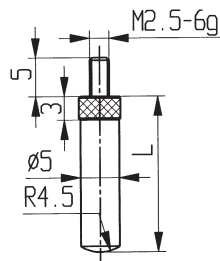


573/28 E



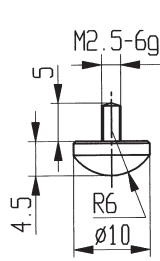
L = 3, 5, 8, 10, 12, 15, 20 mm

573/29 L

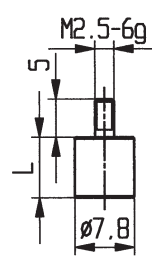


L = 3, 5, 8, 10, 12, 15, 20 mm

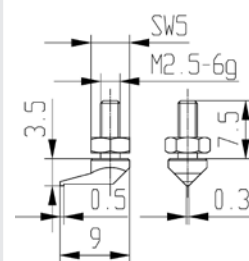
573/30 L



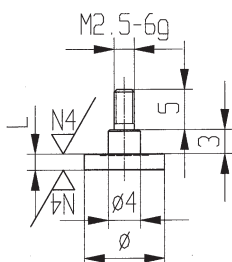
573/32



573/35 L

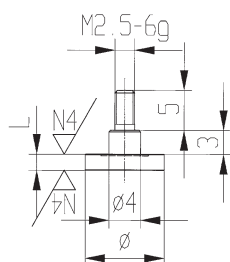


573/39 E



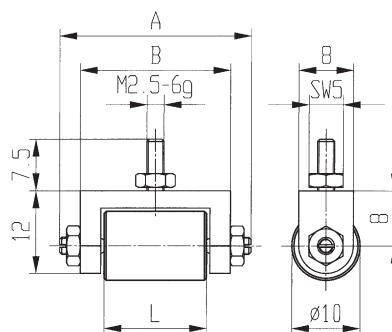
L = 1, 1.5, 2 mm Ø = 7.8, 10 mm

573/40 L



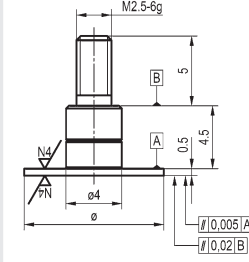
L = 1.5, 2 mm; Ø 15, 20 mm

573/41 L



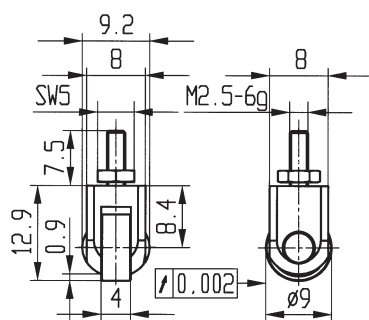
L = 15, A = 28, B = 22 mm; L = 25, A = 38, B = 32 mm

573/50 E



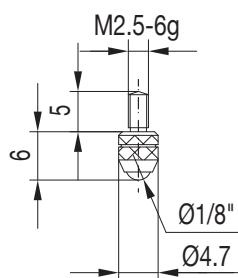
Ø 7.8, 10 mm

573/51

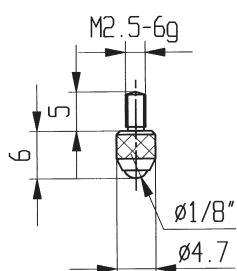


573/52 E

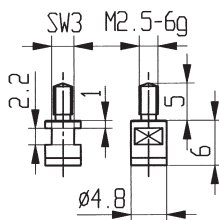
Sondermesseinsätze in verschiedenster Formgebung auf Anfrage.
Special contact points are available on request.



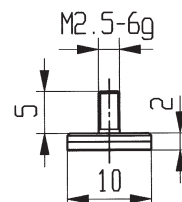
M2/70 H



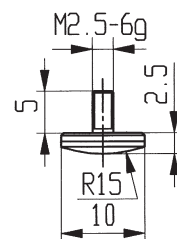
M2/70 C/R/S/KU



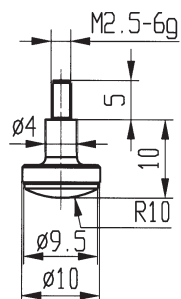
573/10 H



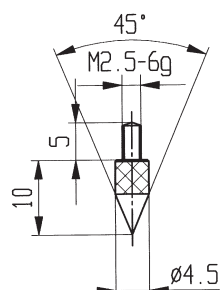
573/11 H/C



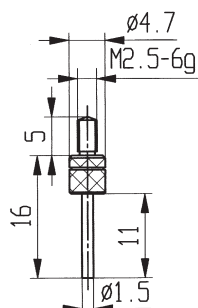
573/12 H/C



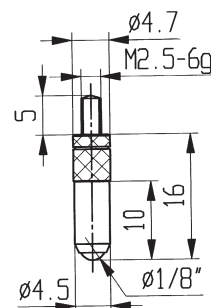
573/12-10 H



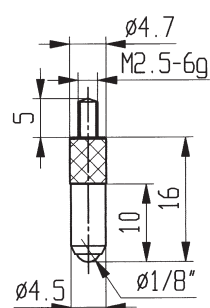
573/13 H



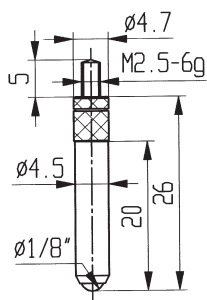
573/14 H



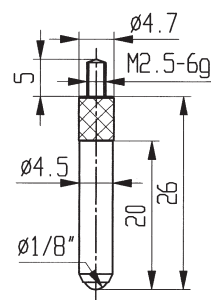
573/16 H



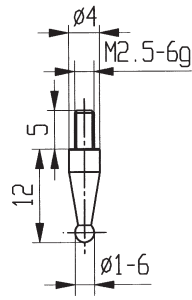
573/16 R/S



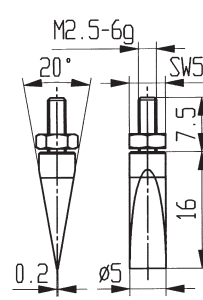
573/17 H



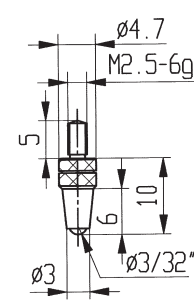
573/17 R/S



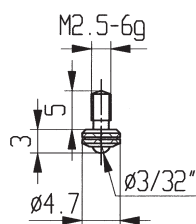
573/18 H



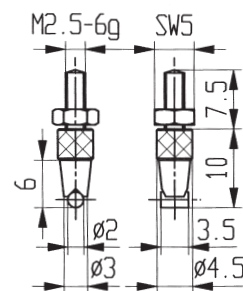
573/20 HE



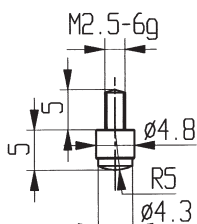
573/21 H



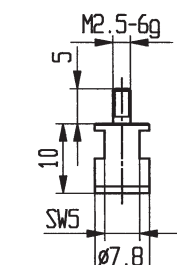
573/23 H



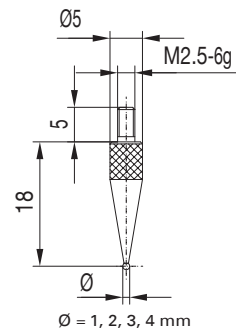
573/24 HE



573/31 H



573/35 H

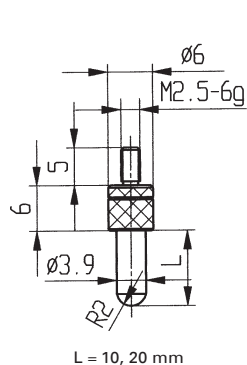


573/42 R

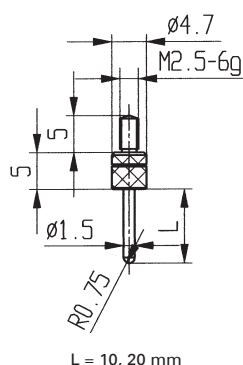
Sondermesseinsätze in verschiedenster Formgebung auf Anfrage.
Special contact points are available on request.

Messeinsätze mit Hartmetall- (H), Keramik- (C), Rubin- (R), Saphir- (S) oder Kunststoffbestückung (KU)

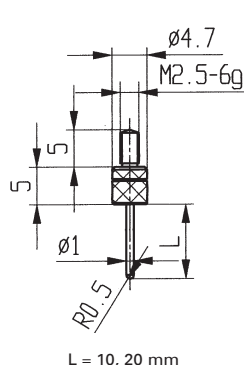
Contact Points with carbide (H), ceramic (C), ruby (R), sapphire (S) or plastic (KU) insert



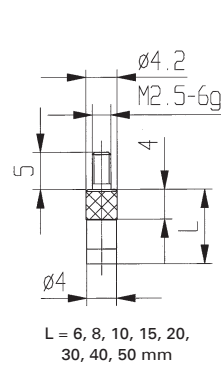
573/43 HL



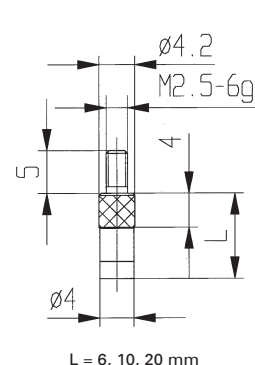
573/44 HL



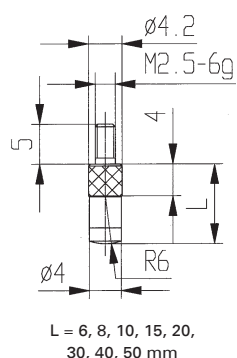
573/45 HL



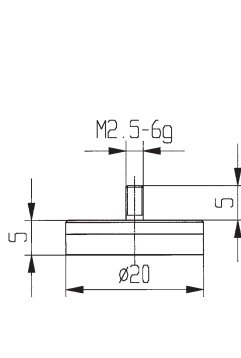
573/47 HL



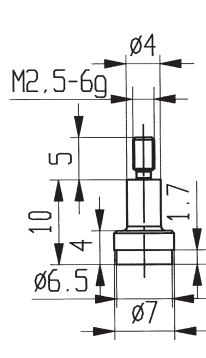
573/47 KUL



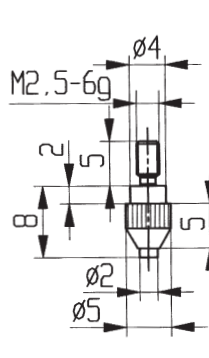
573/48 HL



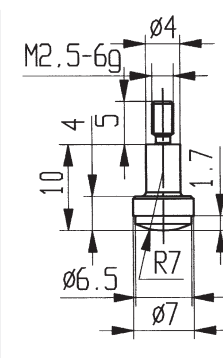
573/49 H



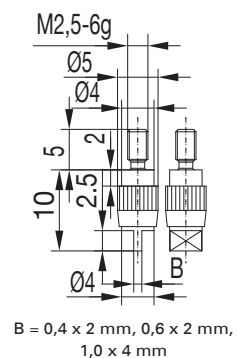
573/102 H



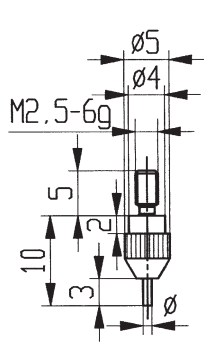
573/105 H



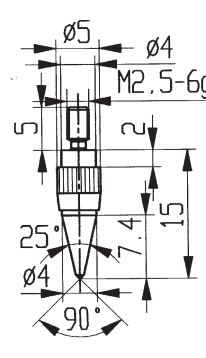
573/108 H



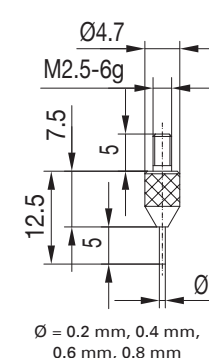
573/110 H



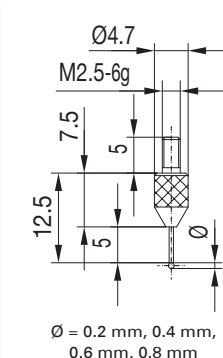
573/112 H



573/114 H



573/201 H

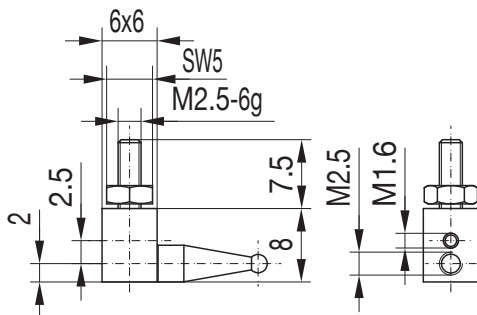


573/202 H

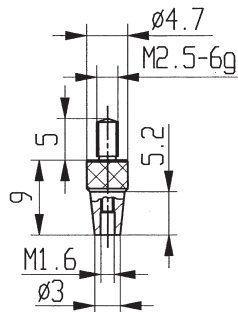
Sondermesseinsätze in verschiedenster Formgebung auf Anfrage.
Special contact points are available on request.

System-Messeinsätze für Messuhren

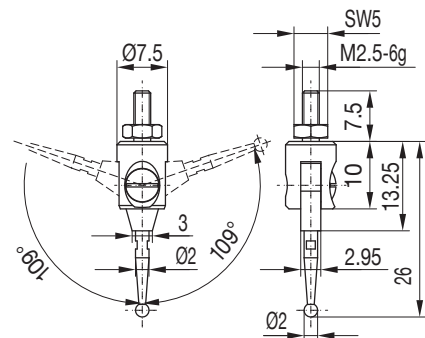
Combination Contact Points for Dial Gauges



573/27 E

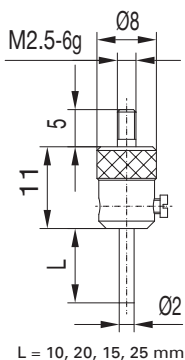


3.2273

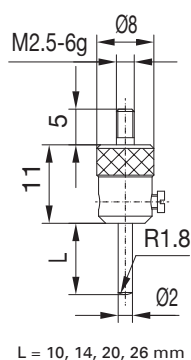


573/33 HE

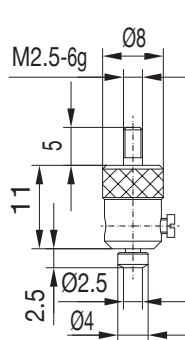
Austausch-Messeinsätze siehe Seite 8.
Exchange Contact Points see page 8.



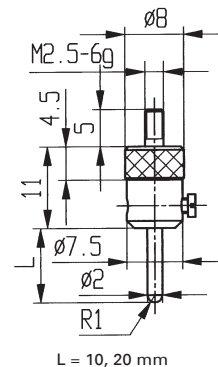
573/36 HL



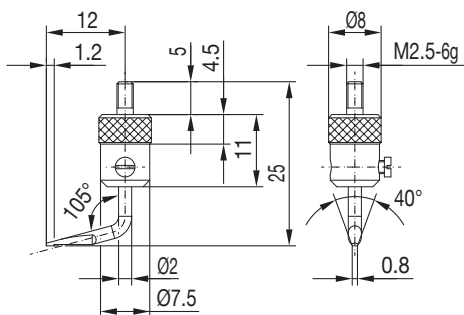
573/37 L



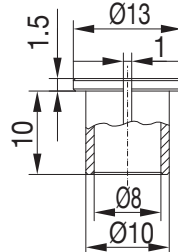
573/38



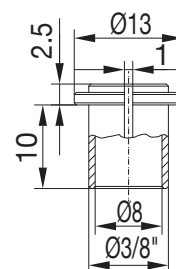
573/46 HL



573/34



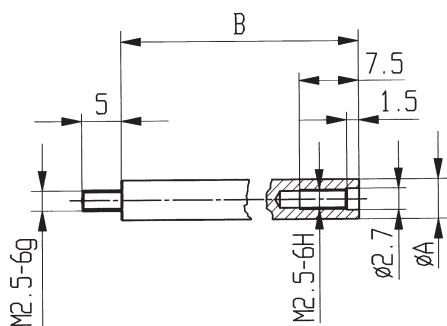
30854



30860

Verlängerungsstücke für Messeinsätze

Contact Point Extensions



Maß A: 4 mm (für Messuhren mit Messbolzen-Ø 4 mm)

Maß A: 5 mm (für Messuhren mit Messbolzen-Ø 5 mm)

Maß B erhältlich in folgenden Längen:

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95 und 100 mm

Sonderlängen sind erhältlich

Dimension A: 4 mm (used at Dial Gauges with spindle Ø of 4 mm)

Dimension A: 5 mm (used at Dial Gauges with spindle Ø of 5 mm)

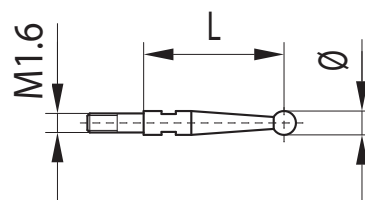
Dimension B available in the following standard lengths:

10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95 and 100 mm

Custom lengths are available

Zubehör für Fühlhebelmessgeräte – Messeinsätze

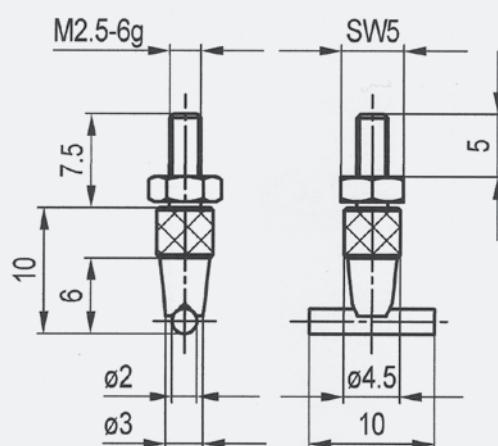
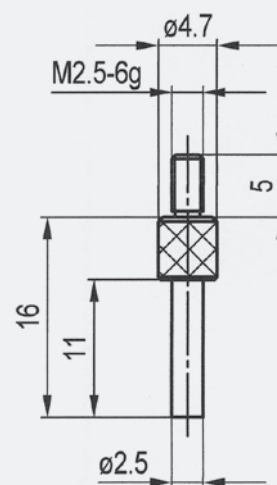
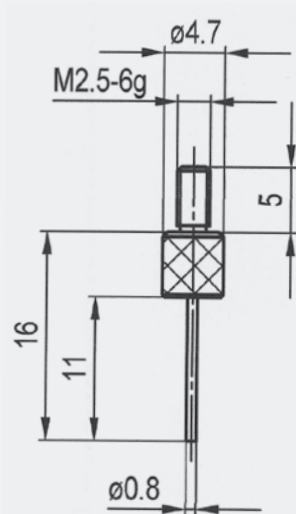
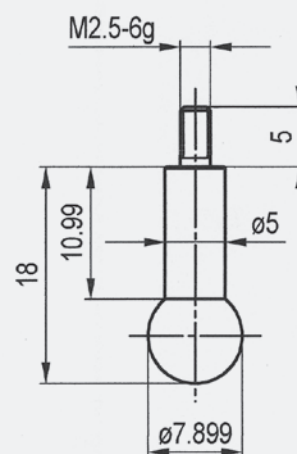
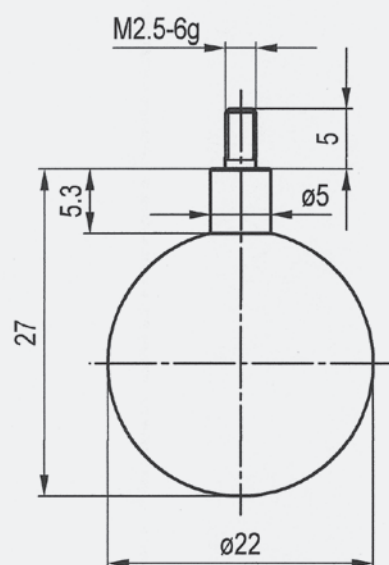
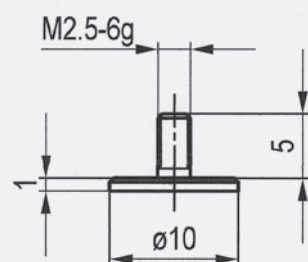
Accessories for Dial Test Indicators – Contact Points



Artikelnummer Article No.	Material der Kugel Material of Ball	Ø der Kugel Ø of ball	Länge L = Length L =	Verwendung für Fühlhebelmessgeräte Use for Dial Test Indicators
52281	Hartmetall <i>Carbide</i>	2 mm	11,8 mm	K 30 - K 32; K 36 - K 42, K 46 - K 48
52282	Hartmetall <i>Carbide</i>	1 mm	11,8 mm	K 30 - K 32; K 36 - K 42, K 46 - K 48
52283	Hartmetall <i>Carbide</i>	3 mm	11,8 mm	K 30 - K 32; K 36 - K 42, K 46 - K 48
52297	Hartmetall <i>Carbide</i>	0,4 mm	11,8 mm	K 30 - K 32; K 36 - K 42, K 46 - K 48
52296	Rubin <i>Ruby</i>	2 mm	11,8 mm	K 30 - K 32; K 36 - K 42, K 46 - K 48
52280	Hartmetall <i>Carbide</i>	2 mm	15,6 mm	K 30/1, K 40/1
52299	Rubin <i>Ruby</i>	2 mm	15,6 mm	K 30/1, K 40/1
52284	Hartmetall <i>Carbide</i>	2 mm	34,7 mm	K 33 - K 35, K 43 - K 45
52285	Hartmetall <i>Carbide</i>	1 mm	34,7 mm	K 33 - K 35, K 43 - K 45
52286	Hartmetall <i>Carbide</i>	3 mm	34,7 mm	K 33 - K 35, K 43 - K 45
52298	Rubin <i>Ruby</i>	2 mm	34,7 mm	K 33 - K 35, K 43 - K 45
52287	Hartmetall <i>Carbide</i>	2 mm	11,1 mm	K 30 Z - K 32 Z, K 40 Z - K 42 Z
52288	Hartmetall <i>Carbide</i>	1 mm	11,1 mm	K 30 Z - K 32 Z, K 40 Z - K 42 Z
52289	Hartmetall <i>Carbide</i>	3 mm	11,1 mm	K 30 Z - K 32 Z, K 40 Z - K 42 Z
52293	Hartmetall <i>Carbide</i>	2 mm	12,0 mm	K 36 Z - K 38 Z, K 46 Z - K 48 Z
52294	Hartmetall <i>Carbide</i>	1 mm	12,0 mm	K 36 Z - K 38 Z, K 46 Z - K 48 Z
52295	Hartmetall <i>Carbide</i>	3 mm	12,0 mm	K 36 Z - K 38 Z, K 46 Z - K 48 Z
52279	Hartmetall <i>Carbide</i>	2 mm	15,9 mm	K 30/1 Z, K 40/1 Z
52290	Hartmetall <i>Carbide</i>	2 mm	35,3 mm	K 33 Z - K 35 Z, K 43 Z - K 45 Z
52291	Hartmetall <i>Carbide</i>	1 mm	35,3 mm	K 33 Z - K 35 Z, K 43 Z - K 45 Z
52292	Hartmetall <i>Carbide</i>	3 mm	35,3 mm	K 33 Z - K 35 Z, K 43 Z - K 45 Z
31483	Messeinsatz-Schlüssel Contact Point spanner			

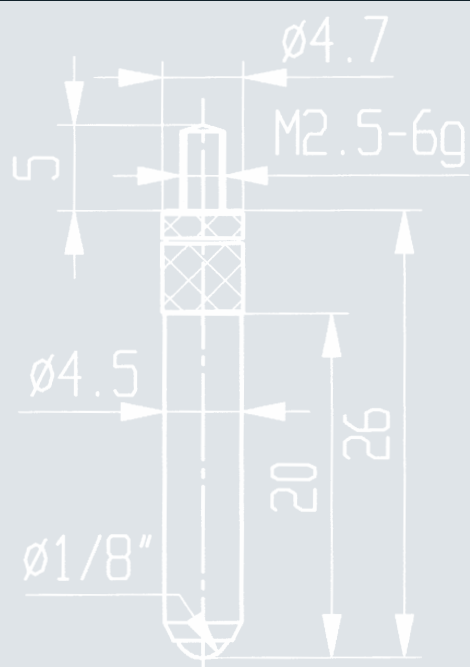
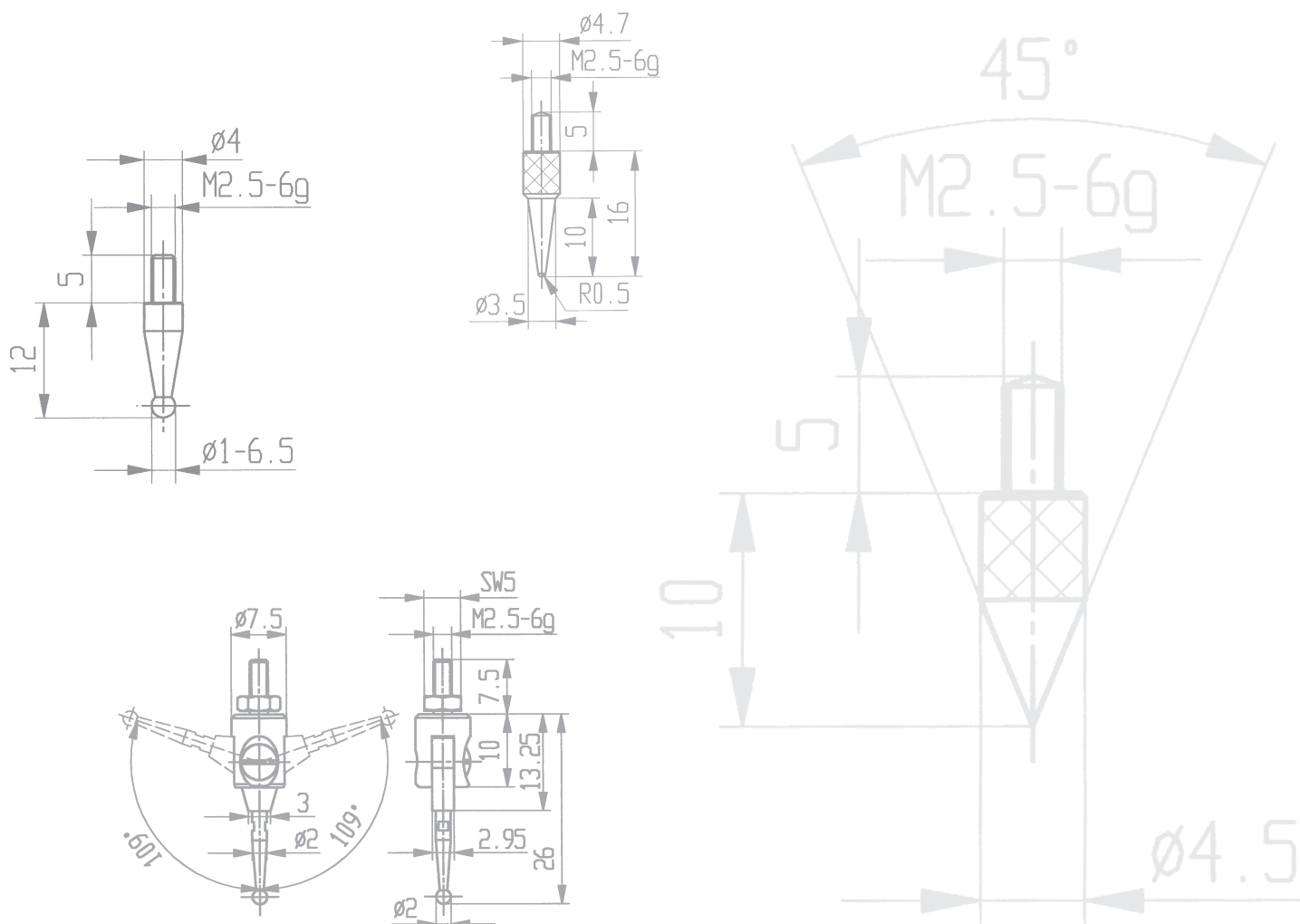
Sondermesseinsätze in kundenspezifischer Ausführung auf Anfrage

Special contact points to customized drawings are available on request



Ihre Skizze Bitte an info@kaefer-messuhren.de
Your sketch Send to info@kaefer-messuhren.de

A large, empty grid area for sketching, consisting of a 30x30 grid of small squares. The grid is light gray and occupies the central portion of the page.



Käfer Messuhrenfabrik GmbH & Co. KG
Hahnstraße 11
D-78054 Villingen-Schwenningen

Hahnstraße 11
 78054 Villingen-Schwenningen
 Tel.: +49 (0) 7720/8341-0
 Fax: +49 (0) 7720/21868
 E-Mail: info@kaefer-messuhren.de
 Internet: www.kaefer-messuhren.de

