

Series	Center	Page
1016	100 mil / 2.54 mm	177
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Fixture Customizing

Interface Pins and Interface Test Probes for various adapter interfaces are available for adapter development. As a specialist in turned parts, PTR also offers special types for the manufacture of individual interfaces or also counter-contacts for battery applications.

A Marker Probe is available for marking PCBs or similar as correct or defective. This Probe can automatically and extremely quickly mark the required PCBs with a small circle, which ensures that defective parts can be quickly recognized and sorted out.

The Testjet pin is a special pin which is used in adapter development specifically to test HP Testjets or Teradyne Frame Scan applications. The main function of this Test Probe is to keep the pressure on the Testjet sensor plates as low as possible. The springs of the pin adapt the position of the sensor plate to the test piece, which prevents any possible twisting of the plate.



Series 1016

- Universal field of application
- Contacting of assembled PCBs
- Interface pin

Mechanical Data • 1016 B1

Center	2.54 mm / 100 mil
Full travel	3.10 mm
Pre-loaded spring force	0.55 N
Spring force at working travel	1.25 N

Mechanical Data • 1016 H2

Center	2.54 mm/100 mil
Full travel	4.20 mm
Pre-loaded spring force	0.40 N
Spring force at working travel	1.00 N

Electrical Data

Max. current rating	3.0 A
Typical continuity resistance	≤ 30 mOhm

Materials

Barrel	Bronze, gold-plated
Spring	Spring Steel, gold-plated
Plunger	CuBe, gold-plated
Receptacle	Bronze, gold-plated

Recommended Diameter of Drill

HP 2361.1 (Trolitax)	1.67 mm
with pressed-in ring	1.75 mm
HGW 2372 (Glass filled Material)	1.69 mm
with pressed-in ring	1.76 mm

How to order

1016 - B1 - 1.25 N - Au - 1.0 C
 1 2 3 4 5 6

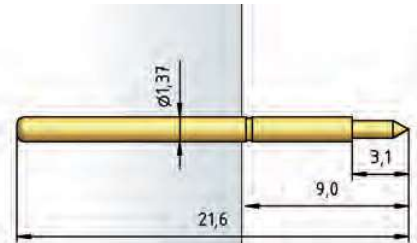
1. Series 2. Tip style 3. Spring force 4. Tip plating 5. Tip diameter
 6. Tip material (only for CuBe)

Tip style · Diameter · Plating

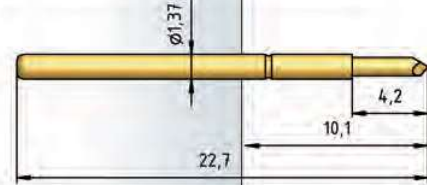


B1	H2
1.00C Au	1.00 Au

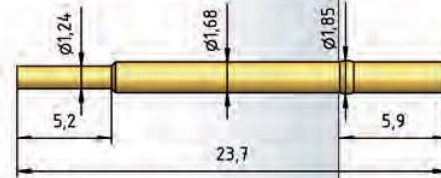
1016-B1



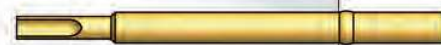
1016-H2



H 1015 C



H 1015 L



H 1015 W



H 1015 C-K



H 1015 L-K



H 1015 W-K



H 1015 WR



H 1015 WR-K



IF Contacts

- Universal field of application
- Contacting of assembled PCBs
- Interface pin

Electrical Data

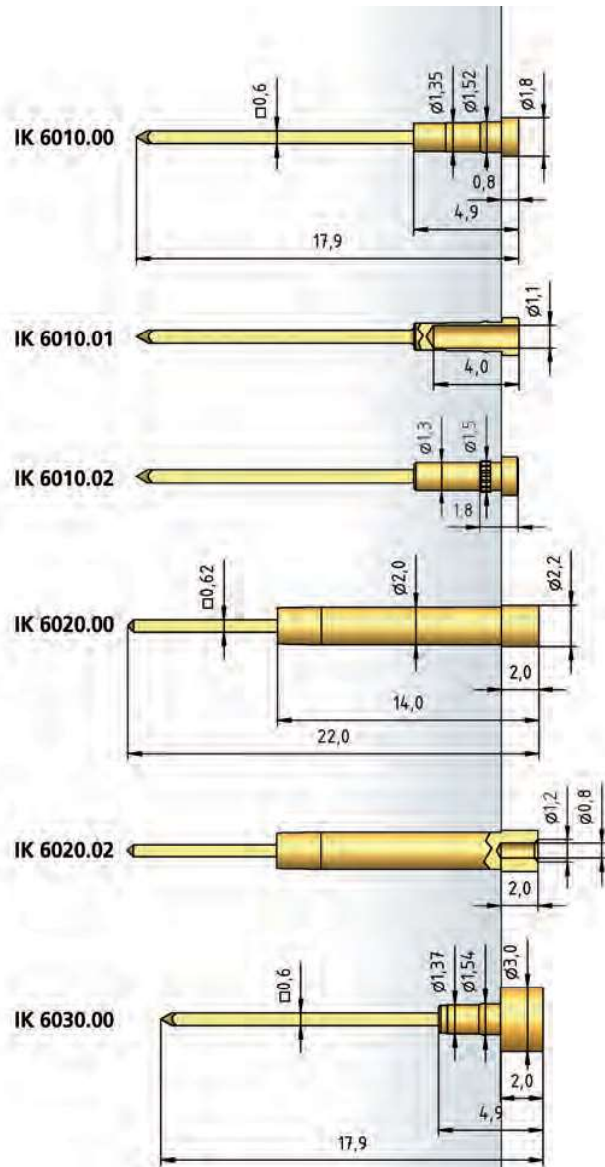
Max. Current Rating	3.0 A
Typical Continuity Resistance	≤ 30 mOhm

Materials

IK	Brass, gold plated
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Recommended Diameter of Drill

HP 2361.1 (Trolitax)	1.67 mm
with pressed-in ring	1.75 mm
HGW 2372 (Glass filled Material)	1.69 mm
with pressed-in ring	1.76 mm



How to order

IK - 6010.01
 1 2
 1. Series 2. Variant

SK 790

- Compact design
- Marker unit changeable
- Easy integration into existing systems

Mechanical Data

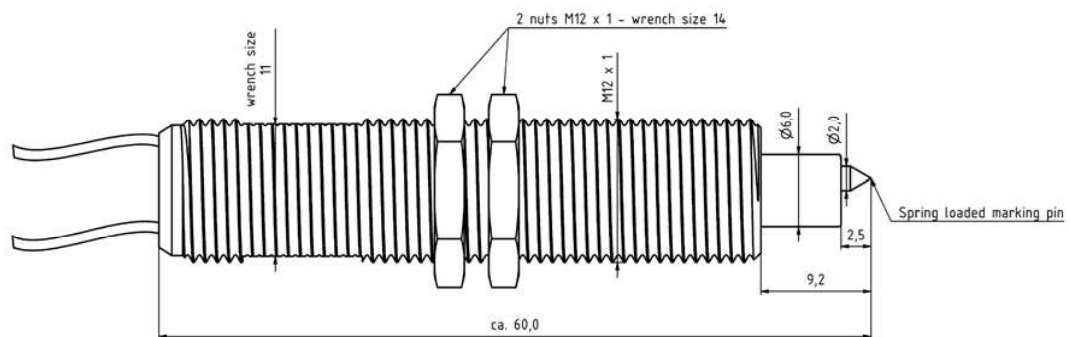
Full Travel	2.00 mm
Working Travel	1.50 mm
Pre-Loaded Spring Force	0.55 N
Spring Force at Working Travel	3.10 N
Marked Area	Ø 2.0 mm
Recommended Marking Impulse	ca. 1 s

Electrical Data

Rated Voltage	12 V
Output	0.75 W
No-Load Current	3.70 mA
Starting Current	106 mA
Max. Permanent Load Current	81 mA
Terminal Resistance	114 Ohm
Pin no-load Speed	180 min ⁻¹
Max. Pin Torque	54 mNm

Additional Specifications

Pin Material	Solid carbide
External Thread	M12x1 with wrench size SW11
Nuts	SW 14



How to order

SK 790

1

1. Series

Series 1025.21

- For testing HP Testjet or Teradyne Frame Scan Applications
- Tip with spring
- Compensation of possible tilt of the Sensor Plate on the device

Tip style · Diameter · Plating



TJ

1.35/2.65C Au

Mechanical Data

Full Travel	4.80 mm
Working Travel	4.40 mm
Pre-Loaded Spring Force	0.50 N
Spring Force at Working Travel	1.40 N

Electrical Data

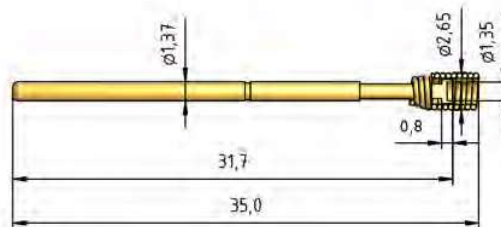
Max. Current Rating	3.0 - 5.0 A
Typical Continuity Resistance	≤ 20 mOhm

Materials

Barrel	Bronze, gold plated
Spring	Spring Steel, gold-plated
Plunger	CuBe, gold plated
Testjet Spring	Bronze, gold plated

Recommended Diameter of Drill

HP 2361.1 (Trolitax)	1.65 mm
with pressed-in Ring	1.75 mm
HGW 2372 (Glass filled Material)	1.67 mm
with pressed-in Ring	1.76 mm



How to order

1025.21 - TJ - 1.40 N - Au - 1.35 /2.65 C

1 2 3 4 5 6 7

1. Series 2. Tip Style 3. Spring Force 4. Tip plating 5. Inner Tip Diameter
6. Outer Tip Diameter 7. Tip Material (only for CuBe)

