

Series	Center	Page
1001	30 mil / 0.76 mm	23
1002	40 mil / 1.02 mm	24
1003	40 mil / 1.02 mm	25
1005	40 mil / 1.02 mm	26
1006	40 mil / 1.02 mm	27

Test Probes for Centers of 30 mil (0.76 mm) and Greater

Test Probes with Centers of 30 mil (0.76 mm) and greater have been designed for applications with very small centers. In some cases, the diameters are extremely small, and the receptacles for these Test Probes are supplied with pre-assembled wires (AWG 30/AWG 32). The length and colour of the connection wires can be selected as required.

When these Test Probes are used in the test adapters, a guide plate is normally inserted in order to prevent misalignment and damage to the test probe plunger and to optimise the point of contact accuracy.



Series 1001

- Test probe for 30 mil spacing
- Short travel
- Low contact pressure
- Receptacle pre-wired

Tip Style · Diameter · Plating



G3

0.28 Au

Mechanical Data

Center	0.76 mm / 30 mil
Full Travel	2.00 mm
Working Travel	1.35 mm
Pre-Loaded Spring Force	0.13 N
Spring Force at Working Travel	0.30 N

Electrical Data

Max. Current Rating	0.5 A
Typical Continuity Resistance	≤ 150 mOhm

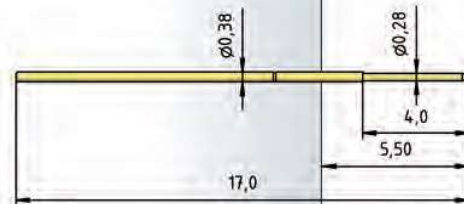
Materials

Barrel	Bronze, gold plated
Spring	Stainless Steel, gold plated
Plunger	Steel, gold plated
Receptacle	Bronze, gold plated
Wire AWG 32 (Blue)	Copper, silver plated, insulated

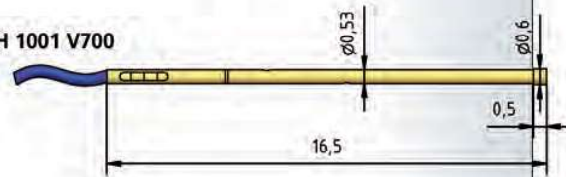
Recommended Diameter of Drill

HP 2361.1 (Trolitax)	0.53 mm
----------------------	---------

1001



H 1001 V700



How to Order

1001 - G3 - 0.3 N - Au - 0.28

1 2 3 4 5

1. Series 2. Tip Style 3. Spring Force 4. Tip Plating 5. Tip Diameter

Series 1002

- Test probe for 40 mil spacing
- Short travel
- Low contact pressure
- Receptacle pre-wired

Tip Style · Diameter · Plating



B

0.37 Rh

Mechanical Data

Center	1.02 mm / 40 mil
Full Travel	2.00 mm
Working Travel	1.35 mm
Pre-Loaded Spring Force	0.25 N
Spring Force at Working Travel	0.40 N

Electrical Data

Max. Current Rating	1.0 A
Typical Continuity Resistance	≤ 100 mOhm

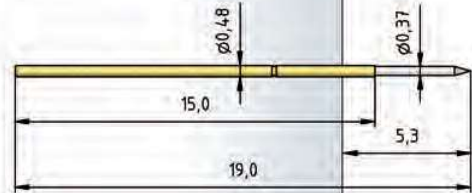
Materials

Barrel	Bronze, gold plated
Spring	Spring Steel, gold plated
Plunger	Steel, rhodium plated
Receptacle	Bronze, gold plated
Wire AWG 32 (Blue)	Copper, silver plated, insulated

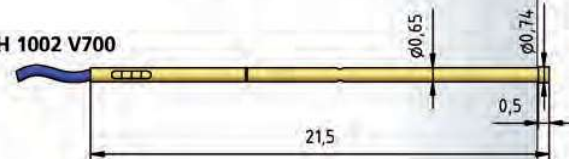
Recommended Diameter of Drill

HP 2361.1 (Trolitax)	0.63 mm
----------------------	---------

1002



H 1002 V700



How to Order

1002 - B - 0.4 N - Rh - 0.37

1 2 3 4 5

1. Series 2. Tip Style 3. Spring Force 4. Tip Plating 5. Tip Diameter

Series 1003

- Test probe for 40 mil spacing
- Short travel
- Low contact pressure
- Receptacle pre-wired

Tip Style · Diameter · Plating



B
0.50 Au

Mechanical Data

Center	1.02 mm / 40 mil
Full Travel	1.30 mm
Working Travel	1.00 mm
Pre-Loaded Spring Force	0.40 N
Spring Force at Working Travel	0.75 N

Electrical Data

Max. Current Rating	1.0 A
Typical Continuity Resistance	≤ 100 mOhm

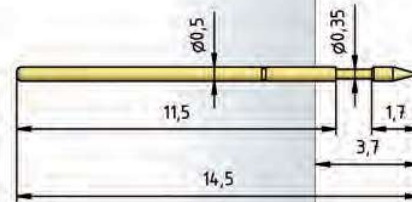
Materials

Barrel	Bronze, gold plated
Spring	Spring Steel, gold plated
Plunger	Steel, gold plated
Receptacle	Bronze, gold plated
Wire AWG 32 (Blue)	Copper, silver plated, insulated

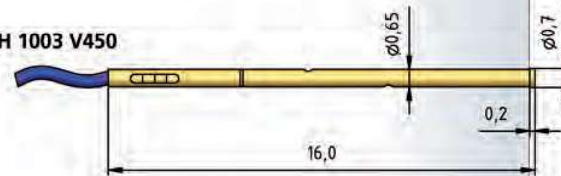
Recommended Diameter of Drill

HP 2361.1 (Trolitax)	0.63 mm
----------------------	---------

1003



H 1003 V450



How to Order

1003 - B - 0.75 N - Au - 0.5
 1 2 3 4 5

1. Series 2. Tip Style 3. Spring Force 4. Tip Plating 5. Tip Diameter

Series 1005

- Test probe for 40 mil spacing
- Short travel
- Low contact pressure
- Receptacle pre-wired

Tip Style · Diameter · Plating



B
0.35C Au

Mechanical Data

Center	1.02 mm / 40 mil
Full Travel	3.80 mm
Working Travel	3.00 mm
Pre-Loaded Spring Force	0.20 N
Spring Force at Working Travel	0.80 N

Electrical Data

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

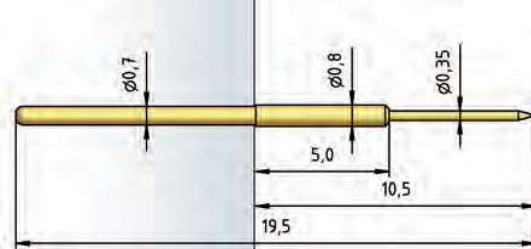
Materials

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

Recommended Diameter of Drill

HP 2361.1 (Trolitax)	0.70 mm
----------------------	---------

1005



How to Order

1005 - B - 0.8 N - Au - 0.35 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)

Series 1006

- Test probe for 40 mil spacing
- Short travel
- Low contact pressure

Mechanical Data

Center	1.02 mm / 40 mil
Full Travel	2.29 mm
Working Travel	1.27 mm
Pre-Loaded Spring Force	0.17/ 0.15 N
Spring Force at Working Travel	0.37/ 0.45 N

Electrical Data

Max. Current Rating	3.0 A
Typical Continuity Resistance	≤ 55 mOhm




Materials

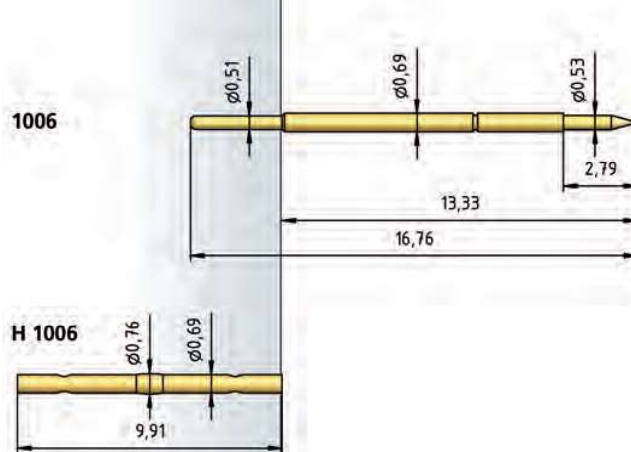
Barrel	Bronze, gold plated
Spring	Bronze, Stainless Steel, gold plated
Plunger	CuBe, gold plated
Receptacle	Bronze, gold plated

Recommended Diameter of Drill

HP 2361.1 (Trolitax)	0.69...0.70 mm
HGW 2372 (Glass filled Material)	0.72...0.73 mm

Tip Style · Diameter · Plating

			
B	D	G	G3
0.53C Au	0.53C Au	0.53C Au	0.28C Au



How to Order

1006 - B - 0.45 N - Au - 0.53 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)