

Standard-Test Probe 177 mil / 4.50 mm

HIGHLIGHTS

Stable design

Test probe with continuous plunger

Contacting of assembled PCBs

Universal applications

Also for use with higher currents

MECHANICAL DATA

Center	4.50 mm/177 mil
Temperature range	-30 °C - +120 °C
Full travel	7.00 mm
Working travel	5.60 mm
Pre-loaded spring force	0.40/ 0.50/ 0.60/ 1.00/ 3.50/ 3.00 N
Spring force at working travel	1.50/ 2.25/ 3.00/ 4.50/ 6.00/ 12.50 N

ELECTRICAL DATA

Connector Receptacle

Max. current rating	5.0 A
Typical continuity resistance	<= 30 mOhm

Connector Plunger

Max. current rating	12.0 A
Typical continuity resistance	<= 15 mOhm

MATERIALS

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

RECOMMENDED DIAMETER OF DRILL

HP 2361.1 (trolitax)	3.50 mm
HGW 2372 (glass filled material)	3.52 mm



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // Series 1042

Standard-Test Probe 177 mil / 4.50 mm

TIP STYLE - DIAMETER - PLATING



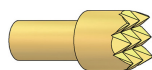
A

4.00 Au



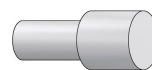
C

1.85 Ni



C

4.00 Au/Ni



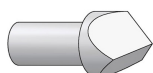
F

4.00 Ni



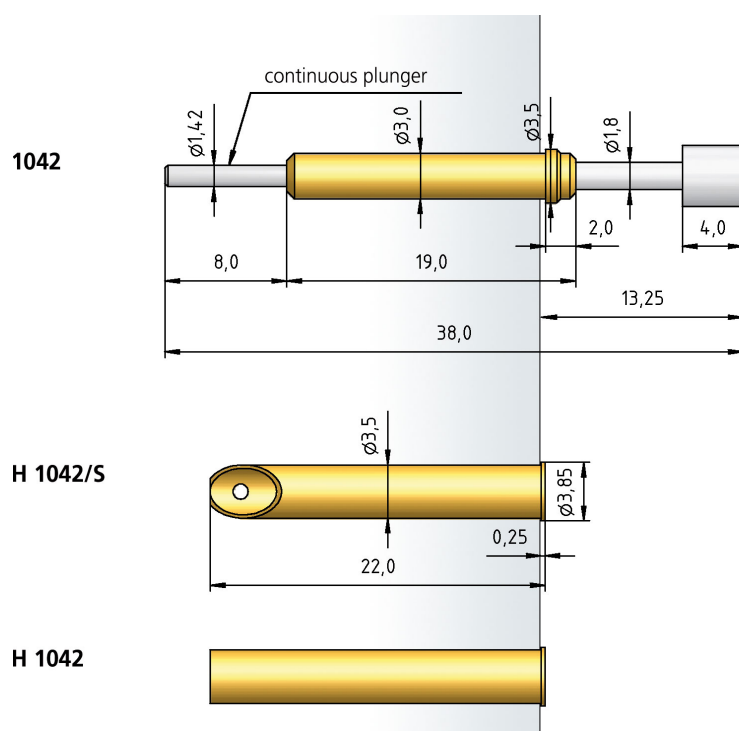
G

1.85 Ni



H

4.00 Rh



HOW TO ORDER

1042 - C - 1.5 N - Au - 4.0

1 2 3 4 5

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