

HIGHLIGHTS

Contacting of assembled, unleaded PCBs

High initial pressure

Large penetration depth

MECHANICAL DATA

Center	1.27 mm/50 mil
Temperature range	-30 °C - +120 °C
Full travel	6.40 mm
Working travel	4.30 mm
Pre-loaded spring force	1.40 N
Spring force at working travel	2.00 N

ELECTRICAL DATA

Max. current rating	2.0...3.0 A
Typical continuity resistance	<= 20 mOhm

MATERIALS

Barrel	Bronze, gold-plated
Spring	Spring Steel, gold-plated
Plunger	Steel, CuBe
Receptacle	Bronze, gold-plated
Wire AWG 30 (blue)	Copper, silver-plated, insulated

RECOMMENDED DIAMETER OF DRILL

HP 2361.1 (trolitax)	0.96...0.98 mm
With pressed-in ring	1.02 mm
HGW 2372 (glass filled material)	0.97...0.99 mm
With pressed-in ring	1.03 mm



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // Series 1008/E (HPL)

HPL-Test Probe with High Pre-Loaded Spring Force 50 mil / 1.27mm

TIP STYLE - DIAMETER - PLATING



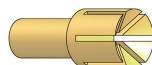
A

0.50C Au



A

0.90 Au



Standard + 0.3 mm

A6

0.90C Au



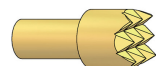
B

0.50 Au



BST2

0.50 Au



C

0.90C Au



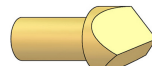
D

0.50C Au



F

0.60C Au



H

0.50 Au
0.90 Au



H1

0.50 Au



LG

0.40 Au



Q

0.50 Au



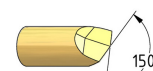
V

0.50 Au



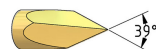
V1

0.50 Au



V4

0.50 Au



VL2

0.50 Au

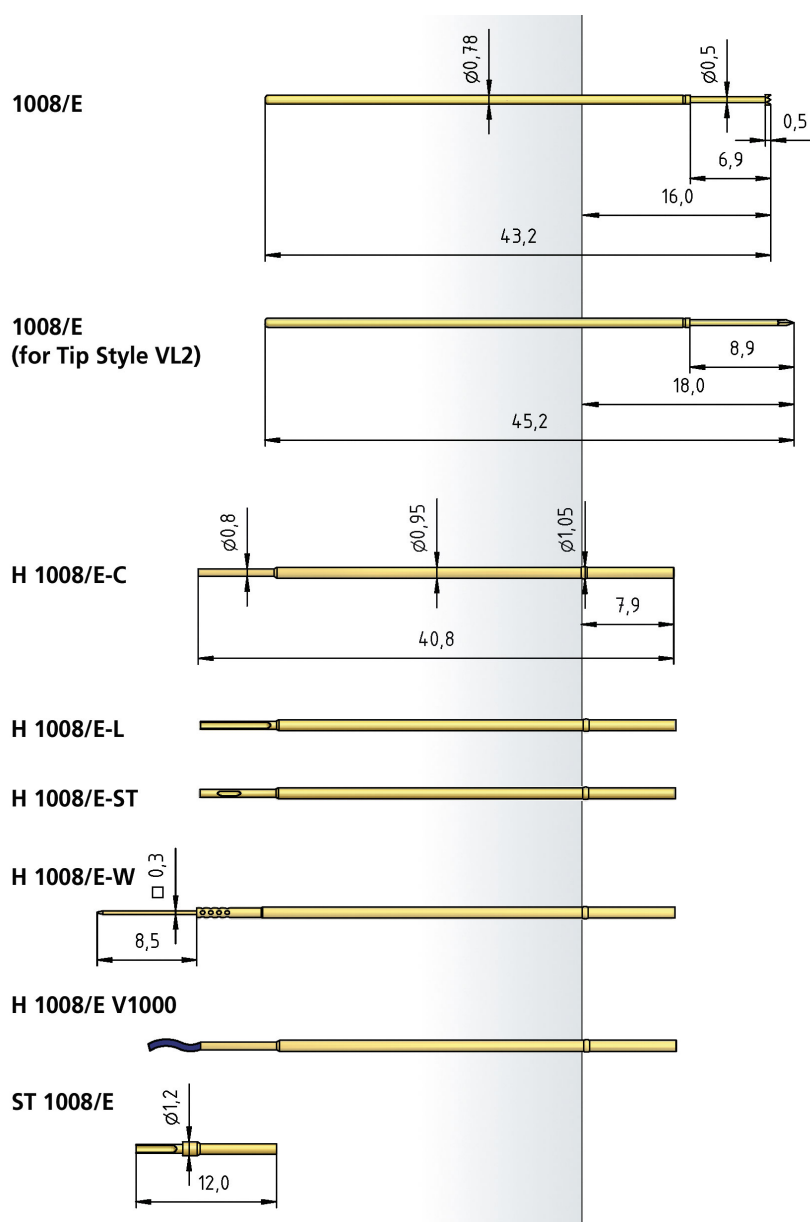


PTR HARTMANN

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Technical Data // Series 1008/E (HPL)

HPL-Test Probe with High Pre-Loaded Spring Force 50 mil / 1.27mm



HOW TO ORDER

1008/E - F - 2.0 N - H - Au - 0.6 C
1 2 3 4 5 6 7

1. Series 2. Tip Style 3. Spring Force
4. High pre-loaded Spring Force 5. Tip Plating
6. Tip Diameter 7. Tip Material (only for CuBe)