Technical Data // Series 1008/E

PTR HARTMANN
A Phoenix Mecano Company

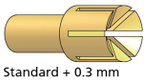
HPL-Test Probe with High Pre-Loaded Spring Force 50 mil / 1.27 mm

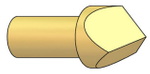
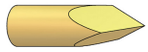
HIGHLIGHTS	
Contacting of assembled, unleaded PCBs	
High initial pressure	
Large penetration depth	
MECHANICAL DATA	
Center	1.27 mm/50 mil
Full travel	6.40 mm
Working travel	4.30 mm
Pre-loaded spring force	1.40 N
Spring force at working travel (order index H)	2.00 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Max. current rating	2.0...3.0 A
Typical continuity resistance	<= 20 mOhm
MATERIALS	
Barrel	Bronze, gold-plated
Spring	Spring Steel
Plunger	Steel, CuBe
Receptacle	Bronze, gold-plated
Wire AWG 30 (blue)	Copper, silver-plated, insulated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (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

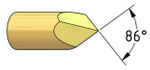
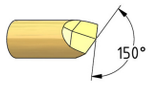
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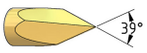
HPL-Test Probe with High Pre-Loaded Spring Force 50 mil / 1.27 mm

TIP STYLE - DIAMETER - PLATING

				
A	A	A6	B	BST2
0.50C Au	0.90 Au	0.90C Au	0.50 Au	0.50 Au

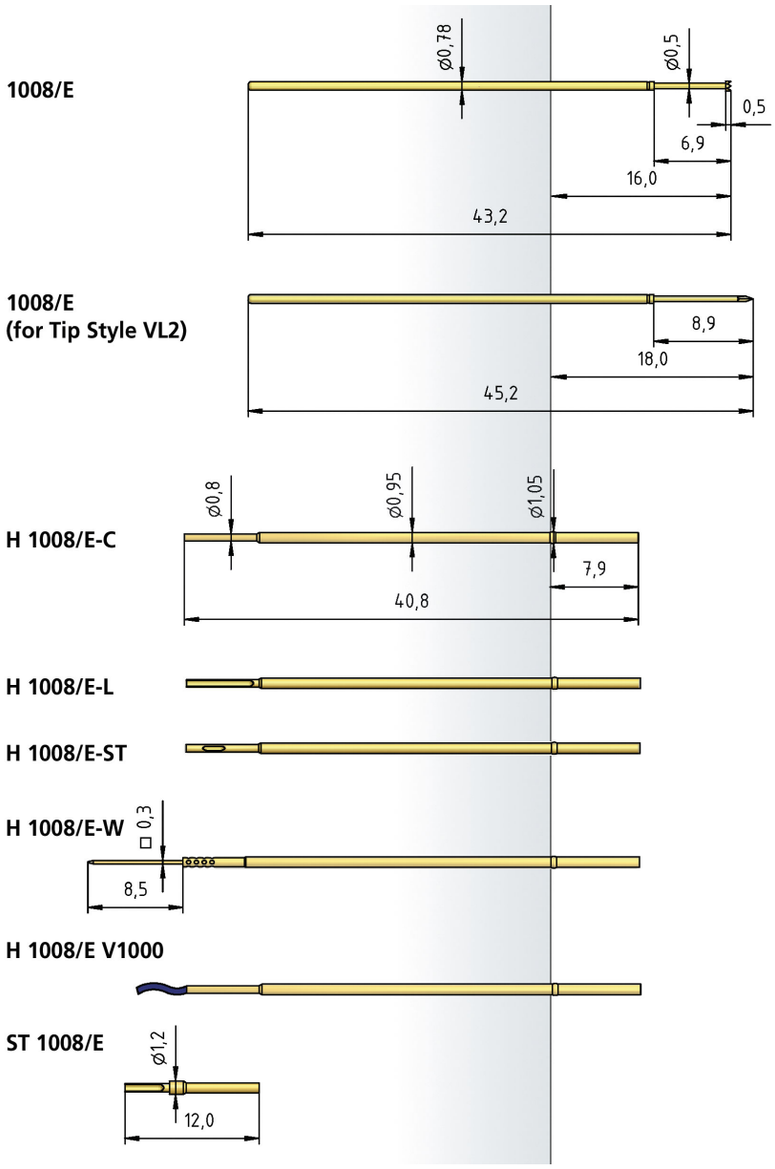
				
C	D	F	H	H1
0.90C Au	0.50C Au	0.60C Au	0.50 Au 0.90 Au	0.50 Au

				
LG	Q	V	V1	V4
0.40 Au	0.50 Au	0.50 Au	0.50 Au	0.50 Au


VL2
0.50 Au

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



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)