

Series 1053

- Anti-turn feature ensures forced guidance between plunger and barrel
- Knurled section on the barrel guarantees secure fit of the test probe

Mechanical Data

Center	4.00 mm/160 mil
Temperature Range	-30 °C - +120 °C
Full Travel	5.00 mm
Working Travel	4.00 mm
Pre-loaded Spring Force	0.50/ 0.80/ 1.25 N
Spring Force at Working Travel	1.50/ 3.00/ 5.00 N

Electrical Data

Max. Current Rating	8.0 A
Typical Continuity Resistance	<= 30 mOhm

Materials

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

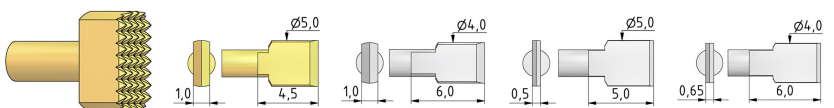
Recommended Diameter of Drill

HP 2361.1 (Trolitax)	3.00 mm
HGW 2372	3.00 mm

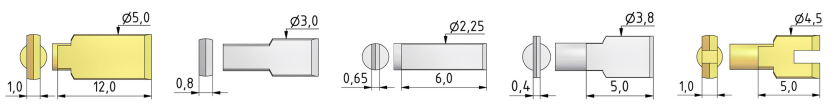
High-Temperature Applications

Temperature Range	-40 °C - +250 °C
Pre-Loaded Spring Force	0.50 N
Spring Force at Working Travel (Order Index E)	1.50 N

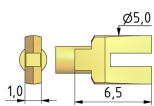
Tip style - Diameter - Plating



CY	Y	Y4	Y3	Y5
6.00 x 3.00C Au	5.00 x 1.00C Au 5.00 x 1.00C Ni	4.00 x 1.00C Ni	5.00 x 0.50C Ni	4.00 x 0.65C Ni

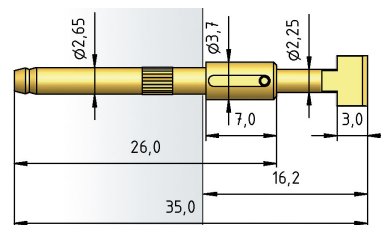


Y8	Y10	Y11	Y14	Y15
5.00 x 1.00C Au	3.00 x 0.80C Ni	2.25 x 0.65C Ni	3.80 x 0.40C Ni	4.50 x 1.00C Au

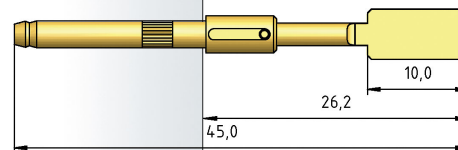


Y16
5.00 x 1.00C Au

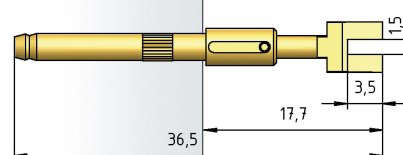
1053-Y
(also for Tip Styles
Y4 / Y15 / CY)



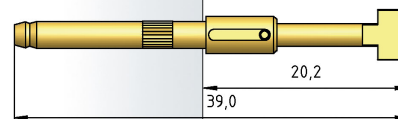
1053-Y8



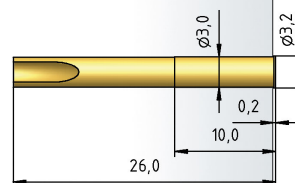
1053-Y16



1053-Y3
(also for Tip Styles
Y5 / Y10 / Y11 / Y14)



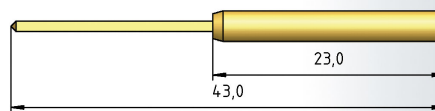
H 1050 L



H 1050 LST



H 1050 W



How to Order

1053 - Y - 1.5 N E - Ni - 5.0x 1.0 C
1 2 3 4 5 6 7 8

1. Series
2. Tip Style
3. Spring Force
4. High Temperature
5. Tip Plating
6. Tip Diameter
7. Tip Thickness
8. Tip Material (only for CuBe)