

**Technical Data // Series 1053/G**

Non-Rotating Test Probe 160 mil / 4.0 mm

HIGHLIGHTS

Anti-turn feature ensured by the square section on the plunger and the slot in the receptacle

Forced guidance of the test probe ensures that the receptacle must only be aligned once

MECHANICAL DATA

Center	4.00 mm/160 mil
Temperature range	-30 °C - +120 °C
Full travel	5.00 mm
Working travel	4.00 mm
Switching travel (with switching element)	2.50 mm
Pre-loaded spring force	0.30/ 0.40/ 0.50/ 0.80/ 0.80/ 1.00 N
Spring force at working travel	0.50/ 1.50/ 2.00/ 3.00/ 4.00/ 5.00 N
Spring force at working travel (with switching element)	1.50/ 2.50/ 3.00/ 4.00/ 5.00/ 6.00 N

ELECTRICAL DATA**Receptacle-Plunger**

Max. current rating	5.0 A
Typical continuity resistance	<= 15 mOhm

Pin-Plunger

Max. current rating	1.0 A
Typical continuity resistance	<= 50 mOhm

MATERIALS

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

RECOMMENDED DIAMETER OF DRILL

HP 2361.1 (trolitax)	3.01 mm
HGW 2372 (glass filled material)	3.03 mm

AVAILABLE SCREW TOOLS

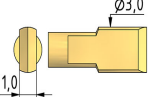
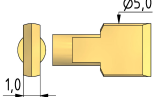
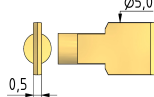
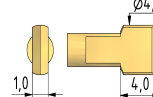
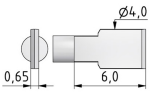
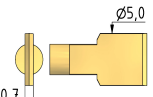
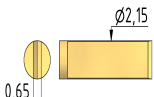
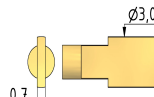
Article Designation	max. Tip Diameter
WFSB 1053/G-5.0-4.0-Z	4.0
WFSB 1053/G-6.0-5.0-Z	5.0



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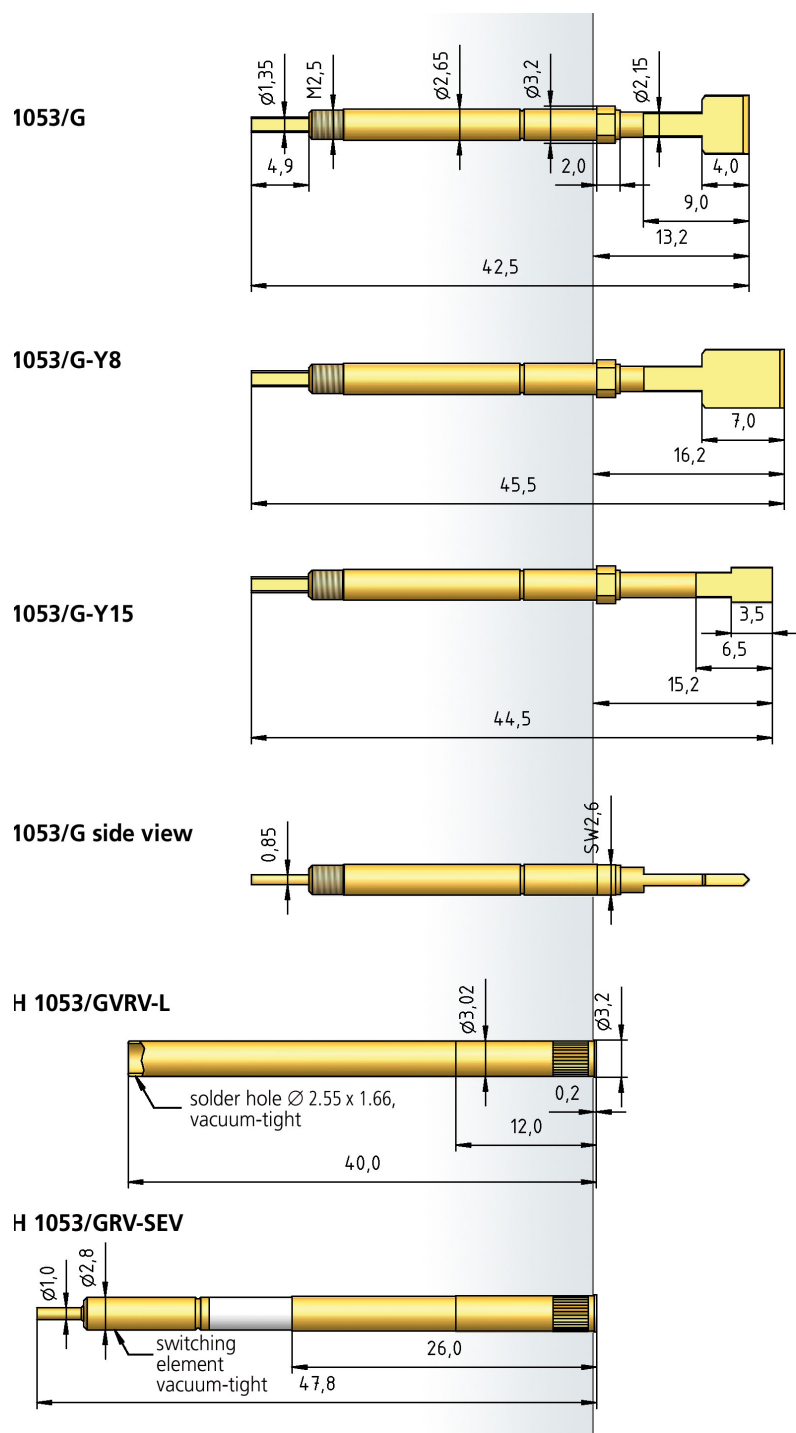
TIP STYLE - DIAMETER - PLATING

				
Y	Y	Y3	Y4	Y5
3.00x1.00C Au	5.00 x 1.00C Au	5.00 x 0.50C Au	4.00 x 1.00C Au	4.00 x 0.65C Ni
				
Y8	Y11	Y15		
5.00 x 0.70C Au	2.15 x 0.65C Au	3.00 x 0.70C Au		



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PTR HARTMANN

A Phoenix Mecano Company

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HOW TO ORDER

1053/	G	-	Y4	-	1.5 N	-	Au	-	4.0x	0.65	C
1	2	3	4	5	6	7	8				

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