

Series 1053/G

- 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	3.03 mm

Available Screw Tools

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

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)

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

