

# 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

- Series
- Threaded Design
- Tip Style
- Spring Force
- Tip Plating
- Tip Diameter
- Tip Thickness
- 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		

