

# Series 3020/2G

- Test Probe with switching function for cable harness test and presence verification
- Plug-in and threaded type available
- Monitoring of components or periphery
- Switching travel 2.6 mm (4.0 mm on request)
- High soldering temperature up to 300°C

## Mechanical Data

Center	2.54 mm/100 mil
Temperature Range	-30 °C - +120 °C
Full Travel	5.30 mm
Working Travel	4.00 mm
Switching Travel	2.60 mm
Pre-loaded Spring Force	0.15/ 0.40/ 0.50/ 1.70 N
Spring Force at Working Travel	0.80/ 1.50/ 3.00/ 6.50 N
Spring Force at Switching Travel	0.25/ 0.80/ 1.80/ 4.50 N

## Electrical Data

<b>Receptacle-Plunger</b>	
Max. Current Rating	3.0 A
Typical Continuity Resistance	<= 20 mOhm
<b>Pin-Plunger</b>	
Max. Current Rating	1.0 A
Typical Continuity Resistance	<= 50 mOhm
Typical Insulating Voltage	1000 V

## Materials

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

## Recommended Diameter of Drill

HP 2361.1 (Trolitax)	2.15 mm
HGW 2372	2.16 mm

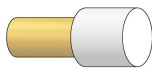
## Available Screw Tools

Article Designation	max. Tip Diameter
WFS 1021/G-2.54-1.8	1.8
WFS 1021/G-2.54-2.0	2.0
WFS 1021/G-3.5-3.0-Z	3.0
WFS 1021/G-C2S-3.0-2.5-Z	2.5

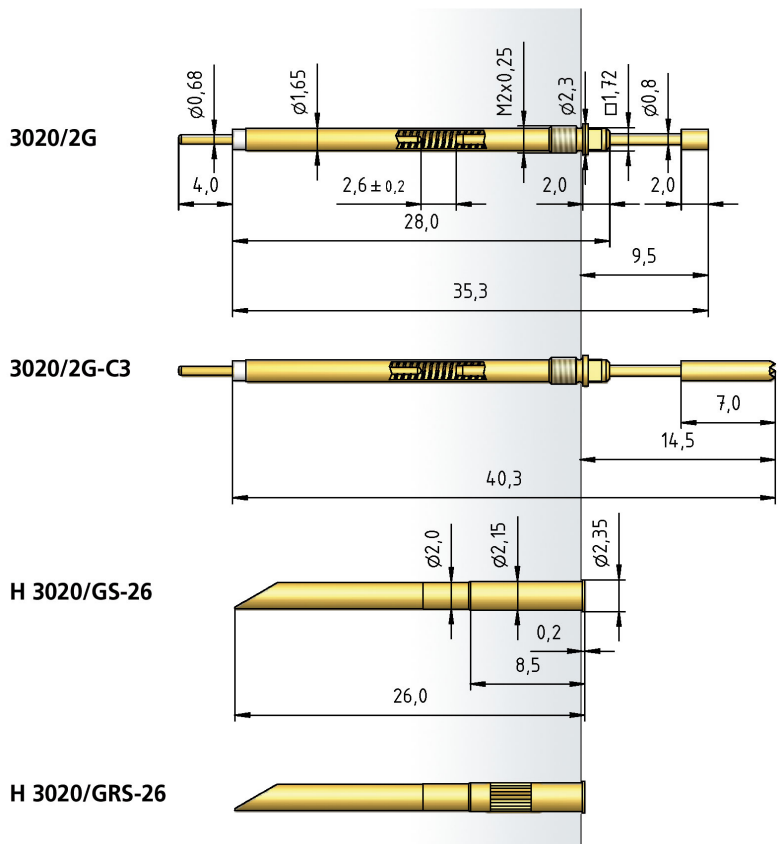
## Tip style - Diameter - Plating



A	C	C3	F	F
1.50 Au	1.30 Au 1.50 Au 3.00 Au	1.50 Au	0.80 Au	1.00 Au 1.30 Au 1.50 Au



F1
1.50 HTK



## How to Order

<b>3020/</b>	<b>2</b>	<b>G</b>	<b>-</b>	<b>F</b>	<b>-</b>	<b>1.5 N</b>	<b>-</b>	<b>Au</b>	<b>-</b>	<b>1.5</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>				
1. Series 2. Collar Height 3. Threaded Design 4. Tip Style 5. Spring Force 6. Tip Plating 7. Tip Diameter										

# Series 3020/2G

- Test Probe with switching function for cable harness test and presence verification
- Plug-in and threaded type available
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- Switching travel 4.0 mm
- High soldering temperature up to 300°C

## Mechanical Data

Center	2.54 mm/100 mil
Temperature Range	-30 °C - +120 °C
Full Travel	5.30 mm
Working Travel	4.00 mm
Switching Travel	4.00 mm
Pre-loaded Spring Force	0.15/ 0.40/ 0.50/ 1.70 N
Spring Force at Working Travel	0.30/ 1.00/ 2.50/ 6.00 N
Spring Force at Switching Travel	0.30/ 1.00/ 2.50/ 6.00 N

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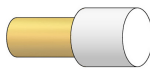
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Article Designation	max. Tip Diameter
WFS 1021/G-2.54-1.8	1.8
WFS 1021/G-2.54-2.0	2.0
WFS 1021/G-3.5-3.0-Z	3.0
WFS 1021/G-C2S-3.0-2.5-Z	2.5

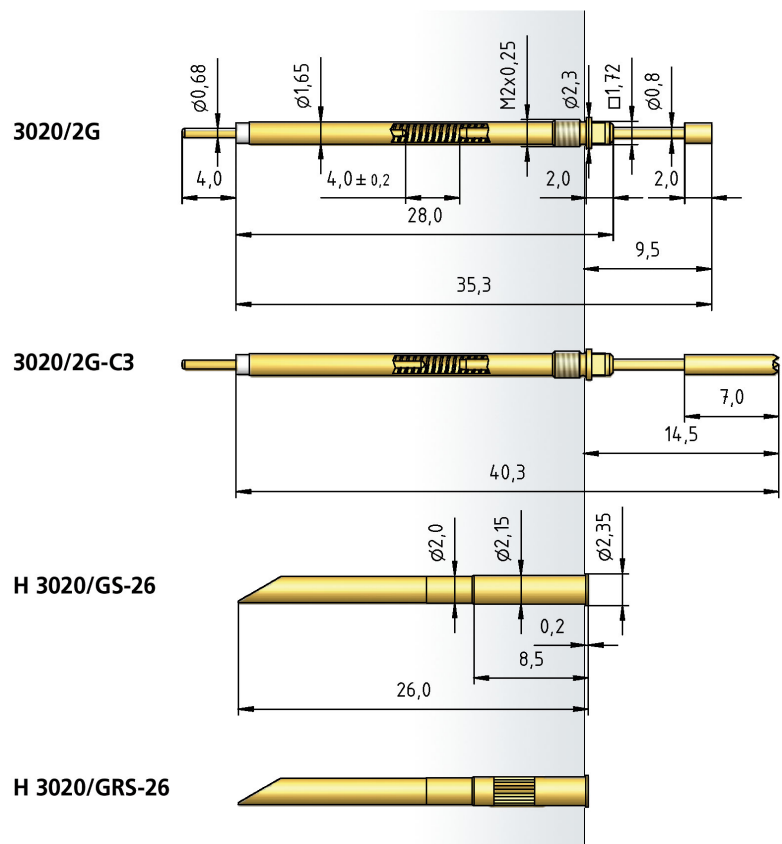
## Tip style - Diameter - Plating



A	C	C3	F	F
1.50 Au	1.30 Au 1.50 Au 3.00 Au	1.50 Au	0.80 Au	1.00 Au 1.30 Au 1.50 Au



F1
1.50 HTK



## How to Order

**3020/ 2 G - F - 1.5 N - Au - 1.5 /SH4.0**

**1 2 3 4 5 6 7 8**

1. Series 2. Collar Height 3. Threaded Design  
 4. Tip Style 5. Spring Force 6. Tip Plating  
 7. Tip Diameter 8. Switching Travel