

# Series 3010/2GW • 3010/2GW5

- Test Probe with switching function for cable harness test and presence verification
- Threaded type
- Easy-replacement system (replacement without soldering)
- Switching travel 1.7 mm (4.0 mm on request)
- High soldering temperature up to 300°C
- Variable extension height

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	1.70 mm
Pre-loaded Spring Force	0.12/ 0.25/ 0.30/ 0.40/ 0.60/ 1.80/ 1.40/ 1.70/ 2.00/ 2.70/ 2.00/ 5.00/ 4.00 N
Spring Force at Working Travel	1.25/ 1.75/ 2.30/ 2.80/ 4.00/ 7.00/ 7.50/ 9.00/ 9.50/ 10.00/ 10.50/ 13.00/ 13.50 N
Spring Force at Switching Travel	0.20/ 0.45/ 0.75/ 1.00/ 1.60/ 3.60/ 3.60/ 4.40/ 4.80/ 5.40/ 5.20/ 8.00/ 7.60 N

Electrical Data	
<b>Receptacle-Plunger</b>	
Max. Current Rating	5.0 A
Typical Continuity Resistance	<= 15 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	
<b>H 3010/GW(5)</b>	
HP 2361.1 (Trolitax)	3.28 mm
HGW 2372	3.29 mm
<b>H 3010/GWR5</b>	
HP 2361.1 (Trolitax)	3.31 mm
HGW 2372	3.32 mm

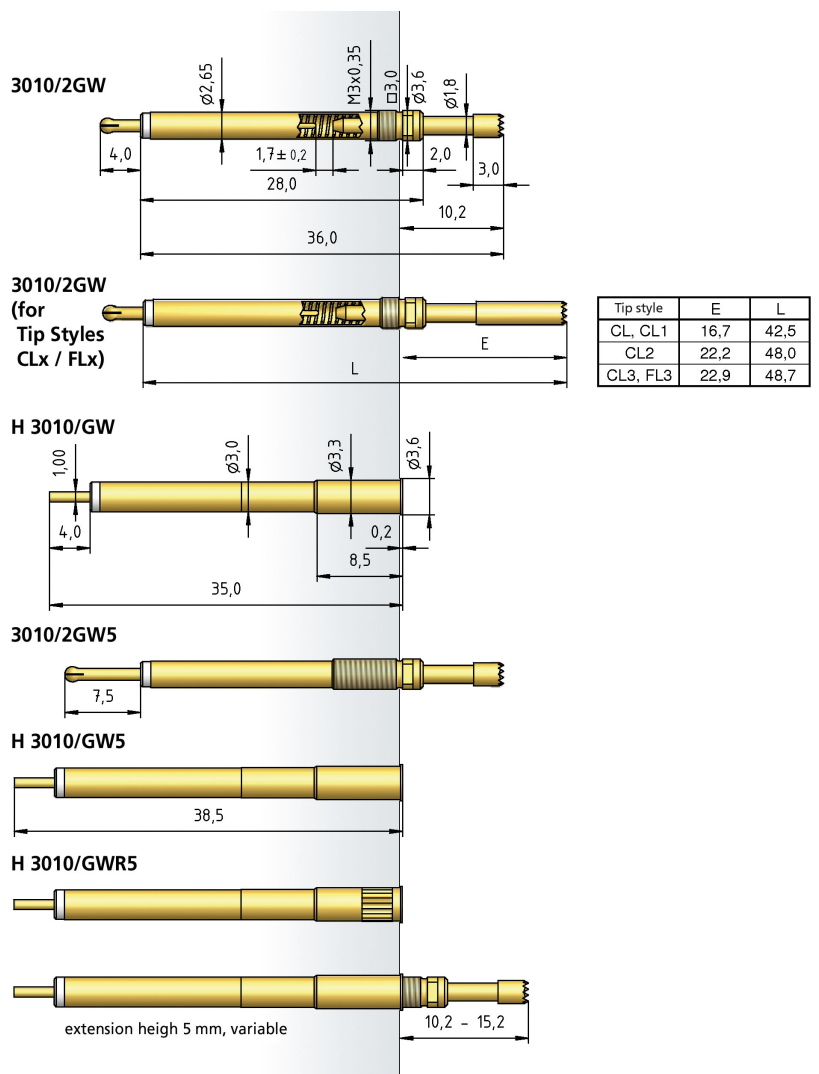
Available Screw Tools	
Article Designation	max. Tin
<b>How to Order</b>	
3010/ 2 G W 5 - C - 1.3 N - Au - 2.3	
1	2 3 4 5 6 7 8 9
1. Series	2. Collar Height
3. Threaded Design	4. Interchangeable without Soldering
5. Adjustment Area of the Extension Height	6. Tip Style
7. Spring Force	8. Tip Plating
9. Tip Diameter	

## Tip style - Diameter - Plating

A	C	C	CL	C1
2.30 Au	1.80 Au	2.30 Au 3.00 Au 4.00 Au	2.30 Au	1.00 Au

CL1	CL2	CL3	D6	F
1.00 Au	1.80 Au	1.00 Au	1.00 Au	1.80 Au

F	F1	FL3	H2
2.00 Au 2.30 Au	2.30 HTK 3.00 HTK 4.00 HTK 5.00 HTK	1.00 Au	2.60 Au



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- Variable extension height

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Temperature Range	-30 °C - +120 °C
Full Travel	5.00 mm
Working Travel	4.00 mm
Switching Travel	4.00 mm
Pre-loaded Spring Force	0.12/ 0.25/ 0.30/ 0.40/ 0.60/ 1.40/ 1.80/ 1.70/ 2.00/ 2.70/ 2.00/ 5.00/ 4.00 N
Spring Force at Working Travel	0.25/ 0.75/ 1.30/ 1.80/ 3.00/ 6.50/ 7.00/ 8.00/ 8.50/ 9.00/ 9.50/ 12.00/ 12.50 N
Spring Force at Switching Travel	0.25/ 0.75/ 1.30/ 1.80/ 3.00/ 6.50/ 7.00/ 8.00/ 8.50/ 9.00/ 9.50/ 12.00/ 12.50 N

Electrical Data	
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Max. Current Rating	1.0 A
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HGW 2372	3.32 mm

How to Order	
<b>3010/ 2 G W 5 - C - 1.3 N - Au - 2.3 /SH4.0</b>	
<b>1 2 3 4 5 6 7 8 9 10</b>	
1. Series 2. Collar Height 3. Threaded Design	
4. Interchangeable without Soldering 5. Adjustment Area of the Extension Height	
6. Tip Style 7. Spring Force 8. Tip Plating	
9. Tip Diameter 10. Switching Travel	

## Tip style - Diameter - Plating

A	C	C	CL	C1
2.30 Au	1.80 Au	2.30 Au 3.00 Au 4.00 Au	2.30 Au	1.00 Au
CL1	CL2	CL3	D6	F
1.00 Au	1.80 Au	1.00 Au	1.00 Au	1.80 Au
F	F1	FL3	H2	
2.00 Au 2.30 Au	2.30 HTK 3.00 HTK 4.00 HTK 5.00 HTK	1.00 Au	2.60 Au	

Typ style	E	L
CL, CL1	16,7	42,
CL2	22,2	48,
CL3, FL3	22,9	48,