

**Technical Data // Series 3011/2FGS**

Switching Test Probe "Opener" (NC) with Easy-Replacement System 138 mil / 3.5 mm - Switching Travel

1.7 mm

HIGHLIGHTS

Test Probe with switching function for cable harness test and presence verification

Easy-replacement system (replacement without soldering)

Switching test probe "Opener" (NC) type

Variable extension height

High soldering temperature up to 300°C

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	0.75/ 1.25/ 1.80/ 2.30/ 3.50/ 6.50/ 7.00/ 8.50/ 9.00/ 9.50/ 10.00/ 12.50/ 13.00 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**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	Steel
Receptacle	Brass, gold-plated

RECOMMENDED DIAMETER OF DRILL**H 3011/GWR5 (/R /RK)**

HP 2361.1 (trolitax)	3.02 mm
HGW 2372 (glass filled material)	3.04 mm

H 3011/K (/5K)

HP 2361.1 (trolitax)	3.01 mm
HGW 2372 (glass filled material)	3.02 mm

AVAILABLE SCREW TOOLS

Article Designation	max. Tip Diameter
WFSB 1060/G-4.0-3.0	3.0

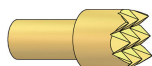


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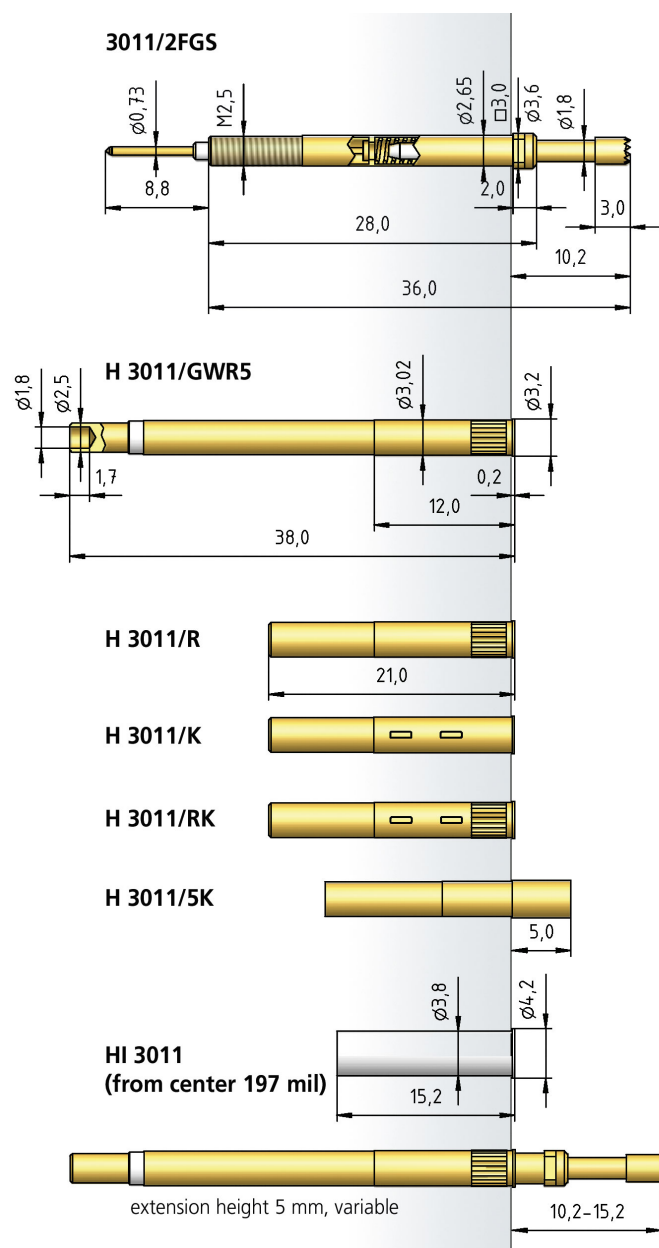
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TIP STYLE - DIAMETER - PLATING



C

2.30 Au





PTR HARTMANN

A Phoenix Mecano Company

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HOW TO ORDER

3011/ 2 F G S - C - 1.8 N - Au - 2.3

1 2 3 4 5 6 7 8 9

- 1. Series 2. Collar Height 3. Type Opener
- 4. Threaded Design 5. Plug-in Connector 6. Tip Style
- 7. Spring Force 8. Tip Plating 9. Tip Diameter