

**Technical Data // Series 3028.01**

Push-Back Test Probe, Non-Rotating, 100 mil / 2.54 mm

HIGHLIGHTS

- Push-back test probe for the cable harness test
- Especially suitable for spade-shaped tip style
- Non-rotating variant
- Receptacle can be extended with switching element optional
- High soldering temperature up to 300°C

MECHANICAL DATA

Center	2.54 mm/100 mil
Temperature range	-30 °C - +120 °C
Full travel	5.00 mm
Working travel	4.00 mm
Switching travel	2.60 mm
Pre-loaded spring force	1.00/ 2.20/ 4.00 N
Spring force at switching travel	3.10/ 6.80/ 10.70 N
Spring force at working travel (without switching element)	4.30/ 9.30/ 14.30 N

ELECTRICAL DATA**Receptacle-Plunger**

Max. current rating	3.0 A
Typical continuity resistance	<= 20 mOhm

Pin-Plunger

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)	2.10 mm
HGW 2372 (glass filled material)	2.11 mm

AVAILABLE SCREW TOOLS

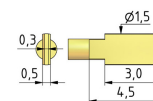
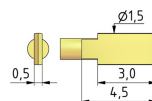
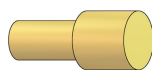
Article Designation	max. Tip Diameter
WFSB 1021/G-2.54-1.8	1.8
WFSB 1021/G-2.54-2.0	2.0
WFSB 1021/G-3.5-3.0-Z	3.0
WFSB 1021/G-C2S-3.0-2.5-Z	2.5



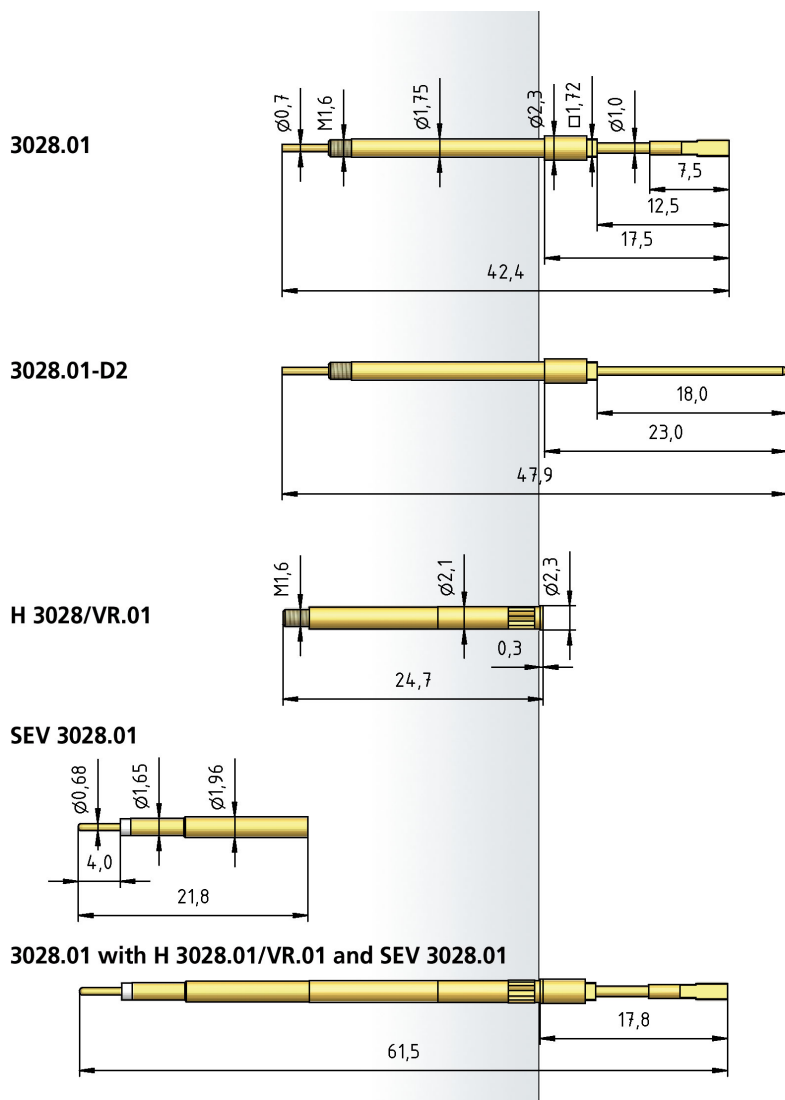
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TIP STYLE - DIAMETER - PLATING



A	D2	F	Y	Y3
1.50 Au 2.00 Au	0.80 Au	1.30 Au	1.50 x 0.50 Au	1.50 x 0.50 Au





PTR HARTMANN

A Phoenix Mecano Company

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HOW TO ORDER

3028 .01 - Y - 15.0 N - Au - 1.5x 0.5

1 2 3 4 5 6 7

- 1. Series 2. Variant 3. Tip Style
- 4. Spring Force 5. Tip Plating 6. Tip Diameter
- 7. Tip Thickness