Technical Data // Series 1024/7 • 1024/10

PTR HARTMANN
A Phoenix Mecano Company

ICT-Test Probe 100 mil / 2.54 mm

HIGHLIGHTS	
Metric design	
Collar Height 7.0 | 10.0 mm	
Contacting of assembled PCBs	
Large selection of tip styles	
Variable installation heights from various collar dimensions	
MECHANICAL DATA	
Center	2.54 mm/100 mil
Full travel	10.00 mm
Working travel	8.00 mm
Pre-loaded spring force	0.40/ 0.50/ 0.40 N
Spring force at working travel	1.50/ 2.50/ 3.00 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Max. current rating	3.0 A
Typical continuity resistance	<= 30 mOhm
MATERIALS	
Barrel	Bronze/Brass, gold-plated
Spring	Spring Steel, gold-plated
Plunger	Steel
Receptacle	Bronze, gold-plated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (trolitax)	1.99 mm
HGW 2372 (glass filled material)	2.00 mm

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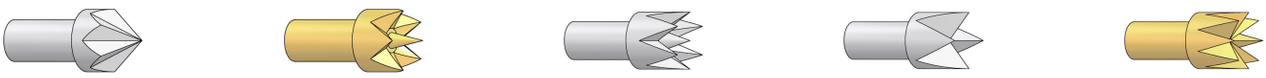
TIP STYLE - DIAMETER - PLATING



A	B	BST	C	D
1.80 Au 2.00 Au	1.00 Ni	0.80 Au	1.30 Rh 2.00 Ni	1.00 Ni



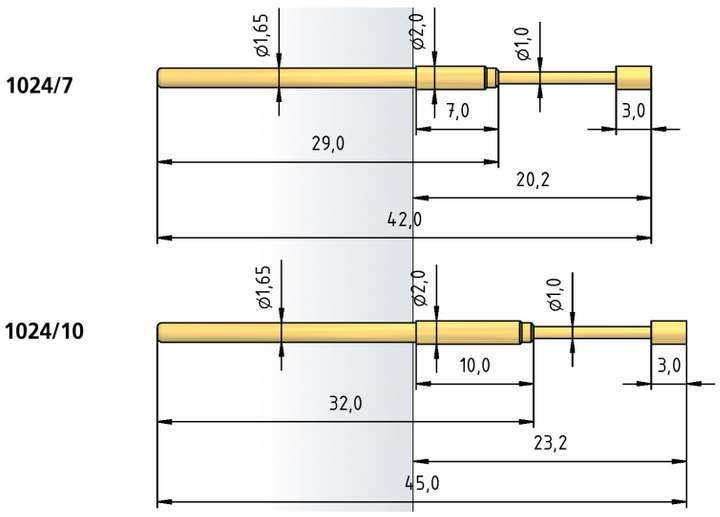
D	F	G	G	H
1.30 Ni	2.00 Au	1.00 Ni	1.30 Ni 2.00 Ni	1.30 Rh



K	M	M1	Q	Q8
2.00 Ni	1.50 Au	2.00 Rh	1.30 Ni	1.80 Au



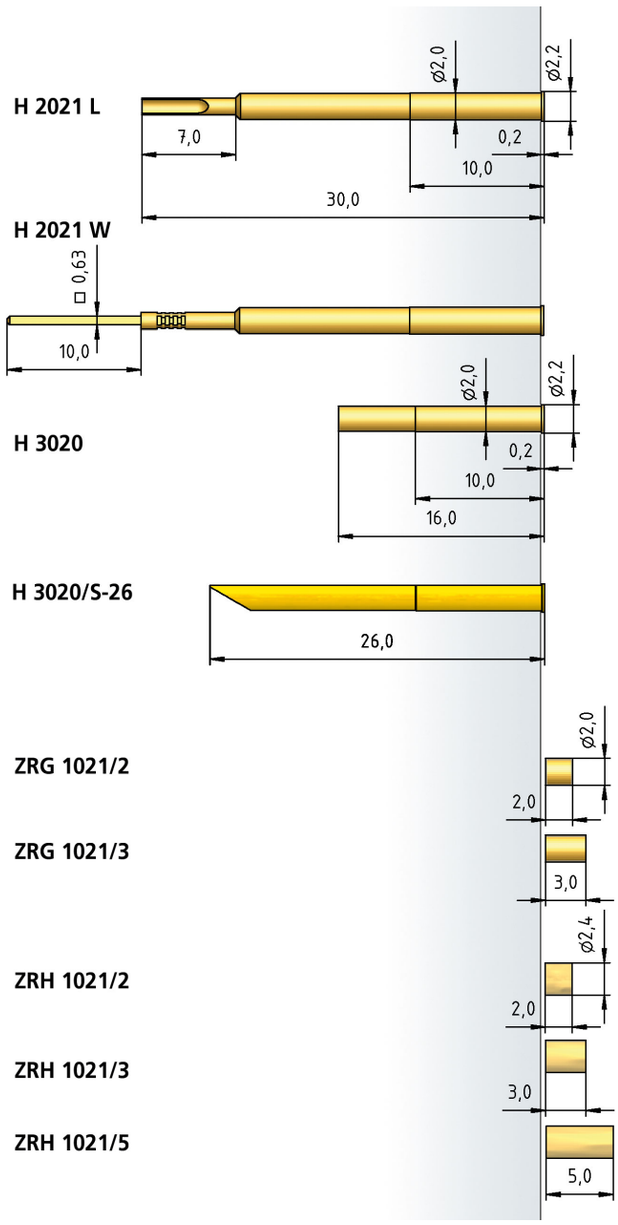
V	V
1.00 Ni	1.30 Au



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Receptacles 1024/7 ? 1024/10



HOW TO ORDER

1024/	7	-	G	-	1.5 N	-	Ni	-	1.3
1	2		3		4		5		6

1. Series 2. Collar Height 3. Tip Style
4. Spring Force 5. Tip Plating 6. Tip Diameter