



# TECHNICAL DATA // Series 5110/S

**PTR HARTMANN**

A Phoenix Mecano Company

Pogo Pin 160 mil / 4.0 mm

## HIGHLIGHTS

Short, compact size

Board-to-board contacting

For use in charging units

## MECHANICAL DATA

Center	4.00 mm/160 mil
Full travel	3.50 mm
Working travel	2.80 mm
Spring force at working travel	see high-temperature applications
Temperature range	-40 °C - +250 °C

## ELECTRICAL DATA

Continuous current	10.0 A
Typical continuity resistance	<= 10 mOhm

## MATERIALS

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

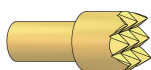
## RECOMMENDED DIAMETER OF DRILL

HP 2361.1 / EP CP 201 (trolitax)	2.64 mm
HGW 2372 (glass filled material)	2.65 mm

## Hochtemperaturanwendungen HIGH-TEMPERATURE APPLICATIONS

Temperature range	-40 °C - +250 °C
Pre-loaded spring force	0.25/ 0.30/ 0.45/ 0.50/ 1.00 N
Spring force at working travel (order index E)	0.80/ 1.20/ 1.50/ 2.50/ 3.50 N

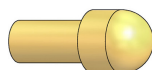
## TIP STYLE - DIAMETER - PLATING



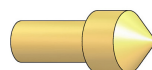
C  
2.30C Au  
3.50C Au



D1  
2.30C Au



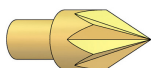
D  
2.30C Au



E  
2.30C Au



F  
2.30C Au

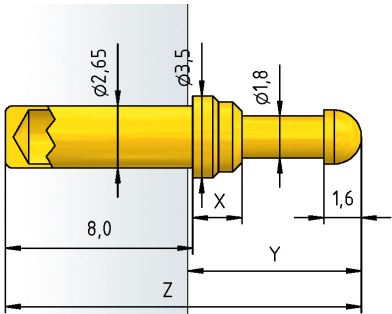


K2  
2.30C Au

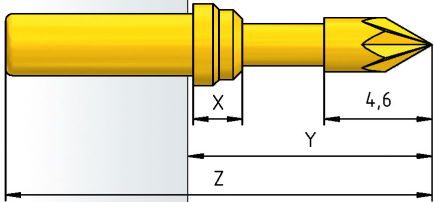
Series	Collar Dimension X [mm]	Extension Height Y [mm]	Overall Length Z [mm]
5110/S	2.1	7.4	15.2
5110/4S	4.1	9.4	17.2
5110/S (Tip Style K2)	2.1	10.4	18.2

5110/4S (Tip Style K2)	4.1	12.4	20.2
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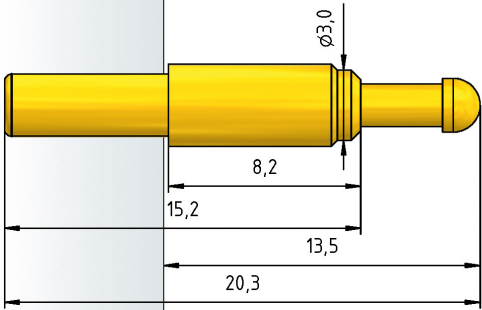
5110/S  
5110/4S



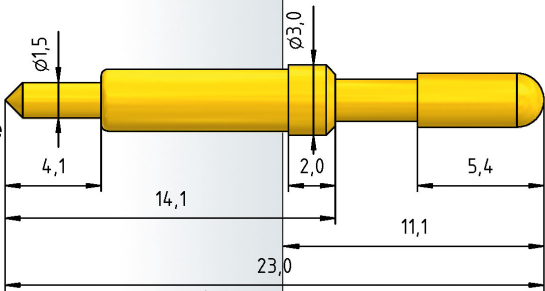
5110/S  
5110/4S  
(for Tip Style K2)



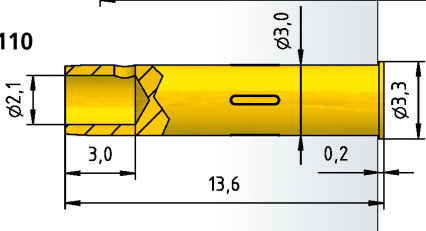
5110/S.02



5110/1  
(for Tip Style D1)



H 5110





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### HOW TO ORDER

5110/	4S	-	D	-	1.5 N	E	-	Au	-	2.3	C
1	2		3		4	5		6		7	8

1. Series 2. Variant 3. Tip Style  
4. Spring Force 5. High Temperature  
6. Tip Plating 7. Tip Diameter 8. Tip Material (only for CuBe)