

# Series 5082

- Sturdy design
- For use in tough conditions
- Long lifetime
- Spring forces up to 8.0 N

### Mechanical Data

Center	6.50 mm/256 mil
Temperature Range	-40 °C - +250 °C
Full Travel	4.00 mm
Working Travel	3.20 mm
Spring Force at Working Travel	see High-Temperature Applications

### Electrical Data

Max. Current Rating	5.0...8.0 A
Typical Continuity Resistance	<= 30 mOhm

### Materials

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

### Recommended Diameter of Drill

without Receptacle	
HP 2361.1 (Trolitax)	4.97 mm
with Receptacle	
HP 2361.1 (Trolitax)	5.59...5.60 mm
HGW 2372	mm

### High-Temperature Applications

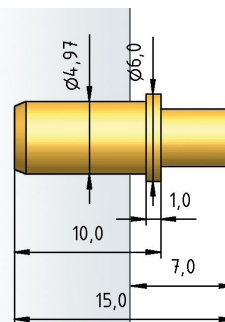
Temperature Range	-40 °C - +250 °C
Pre-Loaded Spring Force	0.20/ 0.40/ 1.00/ 0.80/ 1.60 N
Spring Force at Working Travel (Order Index E)	0.60/ 1.50/ 3.00/ 4.00/ 8.00 N

### Tip style - Diameter - Plating

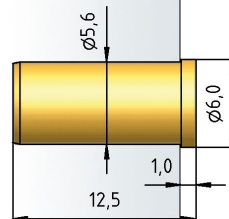


B1D	C	D	E1D	G
4.00M Au	4.00 Au	4.00M Au	4.00M Au	4.00 Au

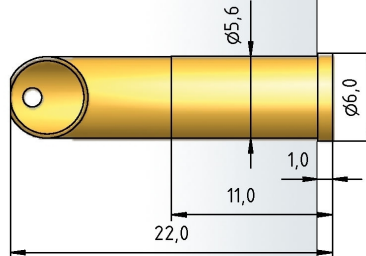
5082



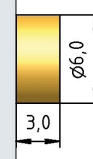
H 5082



H 5082/S-22



ZRH 5082/3



### How to Order

5082	-	D	-	3.0 N	-	Au	-	4.0 M
1	2	3	4	5	6			

1. Series 2. Tip Style 3. Spring Force  
4. Tip Plating 5. Tip Diameter 6. Tip Material (only for Brass)