

Series 5082.01

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

Mechanical Data

Center	6.50 mm/256 mil
Temperature Range	-40 °C - +250 °C
Full Travel	5.00 mm
Working Travel	4.00 mm
Spring Force at Working Travel	see High-Temperature Applications

Electrical Data

Connector Receptacle

Max. Current Rating	5.0...8.0 A
Typical Continuity Resistance	<= 100 mOhm

Connector Plunger

Max. Current Rating	15.0...20.0 A
Typical Continuity Resistance	<= 10 mOhm

Materials

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

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

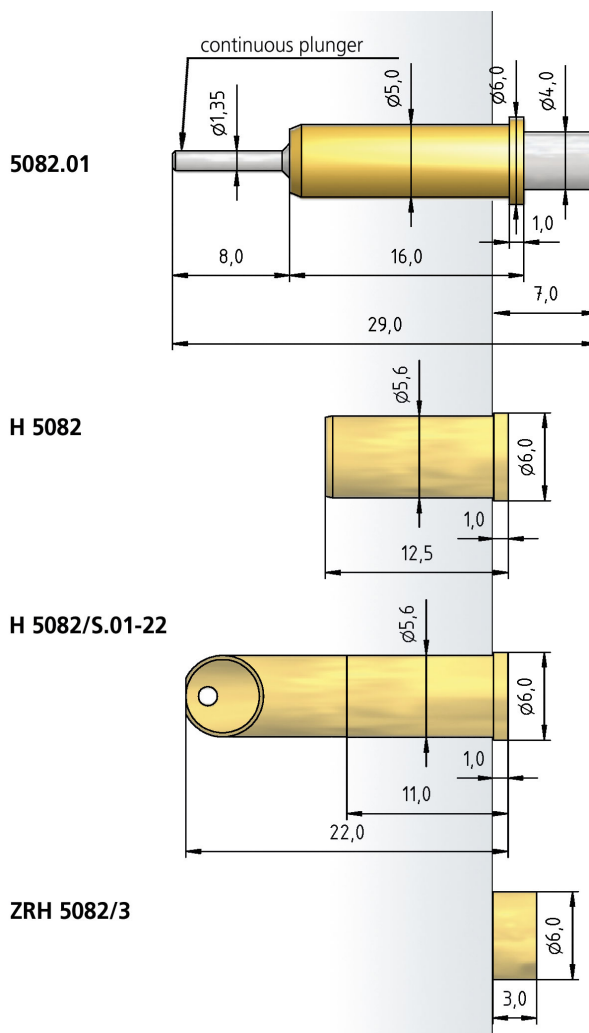
High-Temperature Applications

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

Tip style - Diameter - Plating



B1	C	D	G
4.00 Ni	4.00 Ni	4.00 Ni	4.00 Ni



How to Order

5082.01 - D - 3.0 N - Ni - 4.0

1 2 3 4 5

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