

# Series 1025/E

- Contacting of assembled, unleaded PCBs
- High initial pressure
- Large penetration depth

## Mechanical Data

|                                |                  |
|--------------------------------|------------------|
| Center                         | 2.54 mm/100 mil  |
| Temperature Range              | -30 °C - +120 °C |
| Full Travel                    | 6.40 mm          |
| Working Travel                 | 4.30 mm          |
| Pre-loaded Spring Force        | 1.30/ 2.00 N     |
| Spring Force at Working Travel | 2.00/ 3.00 N     |

## Electrical Data

|                               |             |
|-------------------------------|-------------|
| Max. Current Rating           | 5.0...8.0 A |
| Typical Continuity Resistance | <= 20 mOhm  |

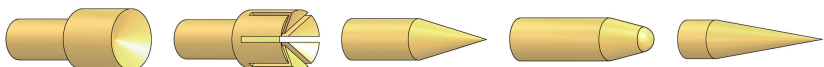
## Materials

|            |                           |
|------------|---------------------------|
| Barrel     | Bronze, gold-plated       |
| Spring     | Spring Steel, gold-plated |
| Plunger    | Steel, CuBe               |
| Receptacle | Bronze, gold-plated       |

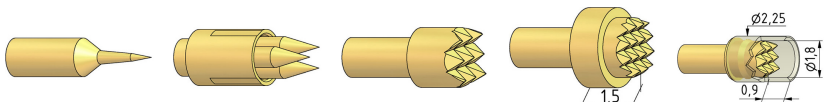
## Recommended Diameter of Drill

|                      |         |
|----------------------|---------|
| HP 2361.1 (Trolitax) | 1.65 mm |
| with pressed-in Ring | 1.75 mm |
| HGW 2372             | 1.67 mm |
| with pressed-in Ring | 1.76 mm |

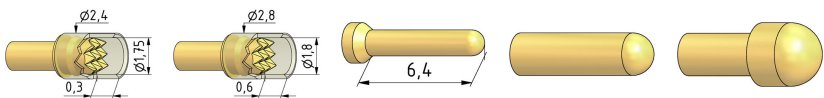
## Tip style - Diameter - Plating



|                      |                     |         |         |                    |
|----------------------|---------------------|---------|---------|--------------------|
| A                    | A6                  | B       | BD      | BST1               |
| 1.50C Au<br>2.00C Au | 1.50 Au<br>1.80C Au | 0.90 Au | 0.90 Au | 0.62 Au<br>0.62 Ni |



|         |          |   |               |                   |
|---------|----------|---|---------------|-------------------|
| BST2    | BST3     | C   | C1            | CS1               |
| 0.90 Au | 1.60C Au | 1.30 Au<br>1.50C Au<br>2.00C Au<br>2.50C Au<br>3.00C Au | 2.30/3.10C Au | 1.80/2.25C Au/HTK |



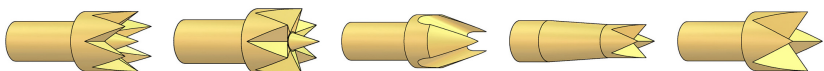
|                   |                   |                     |          |                    |
|-------------------|-------------------|---------------------|----------|--------------------|
| CS3               | CS8               | D1                  | D        | D                  |
| 1.75/2.40C Au/HTK | 1.80/2.80C Au/HTK | 0.50 Au<br>0.64C Au | 0.90C Au | 1.30 Au<br>1.50 Au |



|         |         |          |                               |         |
|---------|---------|----------|-------------------------------|---------|
| E       | F       | F        | G                             | H       |
| 1.50 Au | 0.90 Au | 1.50C Au | 1.06 Au<br>1.30 Au<br>1.50 Au | 0.90 Au |



|                               |         |          |         |         |
|-------------------------------|---------|----------|---------|---------|
| H                             | H1      | HL2      | K       | M       |
| 1.50 Au<br>1.70 Au<br>2.50 Au | 0.90 Au | 0.90C Au | 1.70 Au | 1.30 Au |



|                               |                    |         |                    |                               |
|-------------------------------|--------------------|---------|--------------------|-------------------------------|
| M1                            | M6                 | N       | Q                  | Q                             |
| 1.30 Au<br>1.40 Au<br>1.50 Au | 1.30 Au<br>1.50 Au | 0.50 Au | 0.50 Au<br>0.80 Au | 1.06 Au<br>1.30 Au<br>1.50 Au |

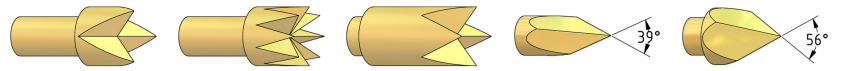
## How to Order

1025/E - HL2 - 3.0 N - H - Au - 0.9 C  
 1 2 3 4 5 6 7

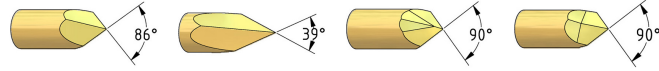
1. Series
2. Tip Style
3. Spring Force
4. High pre-loaded Spring Force
5. Tip Plating
6. Tip Diameter
7. Tip Material (only for CuBe)

# Series 1025/E

Tip style - Diameter - Plating

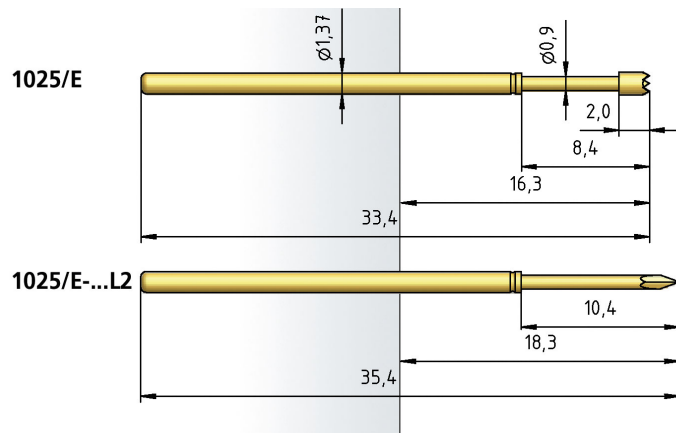


|         |         |         |                    |         |
|---------|---------|---------|--------------------|---------|
| Q5      | Q8      | QL2     | V                  | V       |
| 1.06 Au | 1.50 Au | 1.50 Au | 0.90 Au<br>0.90 Ni | 1.30 Au |



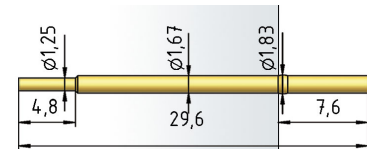
|         |         |         |         |
|---------|---------|---------|---------|
| V1      | VL2     | V3      | V5      |
| 0.90 Au | 0.90 Au | 0.90 Au | 0.90 Au |

## Series 1025/E



# Receptacles 1025/E

H 1025 C



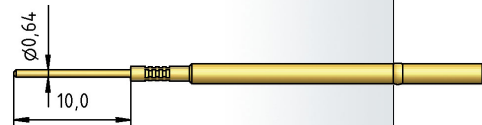
H 1025 L



H 1025 W



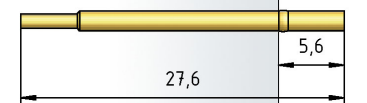
H 1025 WR



H 1025 W18



H 1025 C-K



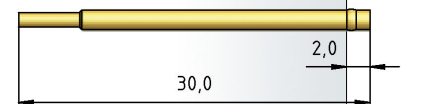
H 1025 L-K



H 1025 W-K



H 1025/2C



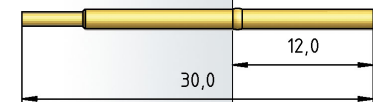
H 1025/2 L



H 1025/2 W



H 1025/12C



H 1025/12 L



H 1025/12 W



BGK 1025

