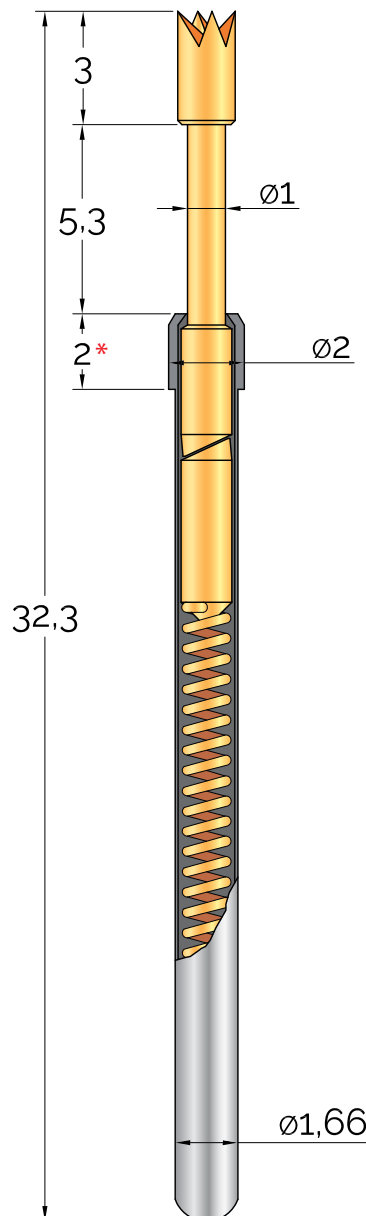


## Available Tip Styles

| Material | Tip Style | ø mm                 |
|----------|-----------|----------------------|
| B        | A         | 1,00<br>1,80<br>2,00 |
| B<br>S   | B         | 1,00                 |
| B        | U         | 1,00<br>1,80<br>2,00 |
| B        | D         | 1,00<br>1,80<br>2,00 |
| B<br>S   | E         | 1,80<br>2,00         |
| B<br>S   | H         | 1,00<br>1,80<br>2,00 |
| B        | HB        | 2,00                 |
| B<br>S   | T         | 2,00                 |
| B<br>S   | LM        | 1,30<br>1,80<br>2,00 |
| S        | SW        | 0,75<br>1,00         |
| S        | SP        | 0,75<br>1,00         |
| B<br>S   | Ú         | 1,02<br>1,27<br>1,52 |
| B<br>S   | Y         | 1,40                 |
| B        | Ä7        | 2,30                 |



## Technical Data

|                                 |                   |
|---------------------------------|-------------------|
| Recommended minimum centers:    | 2,54 mm           |
| Recommended working travel:     | 4,00 mm           |
| Maximum travel:                 | 5,00 mm           |
| Current rating:                 | 20,0 A            |
| Typical contact resistance:     | <10 mΩ            |
| Operating temperature standard: | -100° up to +200° |

## Materials

|             |                                     |
|-------------|-------------------------------------|
| Plunger:    | BeCu, silver or gold plated         |
| Barrel:     | Brass, silver plated                |
| Spring:     | Music wire, silver or gold plated   |
| Receptacle: | Nickel-silver or Brass, gold plated |

## Spring Force ( g $\pm 20\%$ )

|               |                         |
|---------------|-------------------------|
| Preload:      | 60 g                    |
| Spring force: | 200 g                   |
| Alternative:  | 150 g<br>250 g<br>300 g |

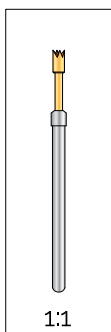
## Hole size without receptacle

|         |       |
|---------|-------|
| Drills: | ø1,66 |
|---------|-------|

## Hole size with receptacle

|         |                     |
|---------|---------------------|
| Drills: | ø2,00 (see page 44) |
|---------|---------------------|

| *Collar height | Total length | Available different collar heights to adapt the placing of probe and to insert spacers to get the optional height. |
|----------------|--------------|--------------------------------------------------------------------------------------------------------------------|
| 2              | 32           |                                                                                                                    |
| 3              | 33           |                                                                                                                    |
| 5              | 35           |                                                                                                                    |
| 7              | 37           |                                                                                                                    |
| 10             | 40           |                                                                                                                    |



## Ordering example:

| Series | Tip Style     | Material<br>B= BeCu<br>S= Steel | Plating<br>G= Gold<br>S= Silver |
|--------|---------------|---------------------------------|---------------------------------|
| HC 118 | -2            | T                               | 200                             |
|        |               | B                               | 200                             |
|        |               |                                 | G                               |
|        | Collar height | Tip ø mm                        | Spring Force                    |