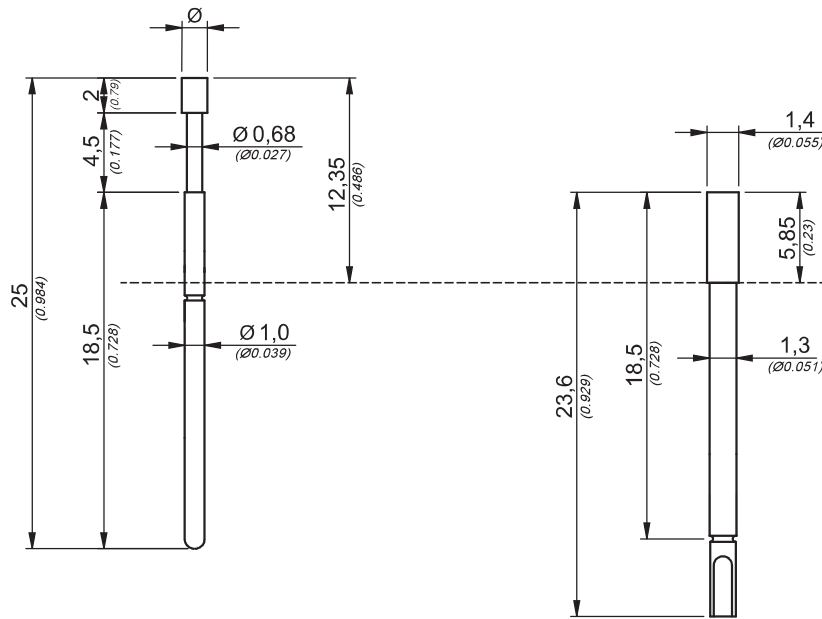




**Federkontaktstift TK 090N**  
Spring Contact Probe

**Hülse S 090N**  
Receptacle



4:1

| Serie Series TK 090N  |            |                                   |                       |                                     |   |
|-----------------------|------------|-----------------------------------|-----------------------|-------------------------------------|---|
| Kopfform<br>Head Type | Nr.<br>No. | Tastkopf Ø mm<br>Probe Tip Ø inch | Werkstoff<br>Material | Federkraft<br>Spring Force<br>in cN | Oberfläche<br>Tastkopf<br>Surface Probe Tip |
|                       | 02         | 1,00<br>0.039                     | S                     | Standard<br>130 cN                  | N   |
|                       | 04         | 1,00 / 1,30<br>0.039 / 0.051      | S                     | Standard<br>4.6 oz.<br><br>+/- 20%  | N   |
|                       | 05         | 1,00<br>0.039                     | S                     |                                     | A/N   |
|                       | 06         | 1,00<br>0.039                     | S                     |                                     | N   |
|                       | 10         | 1,00<br>0.039                     | S                     |                                     | N   |
|                       | 13         | 0,68<br>0.027                     | S                     |                                     | N   |
|                       | 16         | 1,00<br>0.039                     | S                     |                                     | N   |

**Technische Spezifikationen:**  
Technical Specifications:

|  |                        |
|--|------------------------|
| Max. Federweg<br>Max. Travel                         | 4,5 mm<br>0.177 inch   |
| Arbeitshub<br>Working Stroke                         | 3,6 mm<br>0.141 inch   |
| Nennstrom<br>Current Rating                          | 3 A                    |
| Mittlerer Durchgangswiderstand<br>Average Resistance | R <sub>m</sub> = 40 mΩ |
| Standardabweichung<br>Standard Deviation             | s = 25 mΩ              |

**Werkstoffe:**  
Materials:

|                                 |   |
|---------------------------------|---|
| Führungshülse<br>Probe Barrel   | Bronze vergoldet<br>Bronze gold plated  |
| Feder<br>Spring                 | Stahl vergoldet<br>Steel gold plated  |
| Kolben (Kopf)<br>Plunger (Head) | Stahl (S) vergoldet (A)<br>oder vernickelt (N)<br>Steel (S) gold plated (A) or<br>nickel plated (N) |

**Bestellbeispiel:**

Ordering Example:

Federkontaktstift  
Spring Contact Probe

|              |                   |                    |                    |                        |                    |
|--------------|-------------------|--------------------|--------------------|------------------------|--------------------|
| TK090N.      | 02.               | 1,00.              | S.                 | 130.                   | N                  |
| Serie Series | Kopfform Headtype | Tastkopf Probe tip | Werkstoff Material | Federkraft Springforce | Oberfläche Surface |

Hülse  
Receptacle

|              |                          |
|--------------|--------------------------|
| S090N.       | THL                      |
| Serie Series | Hülseart Receptacle type |

S090N.TH.L

TK090N.02.1,00.S.130.N