

# Spring-loaded test probe GKS-112 319 180 A 1503 C

Item GKS-112-2502

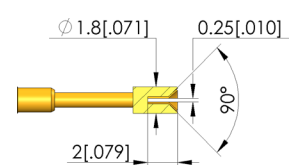
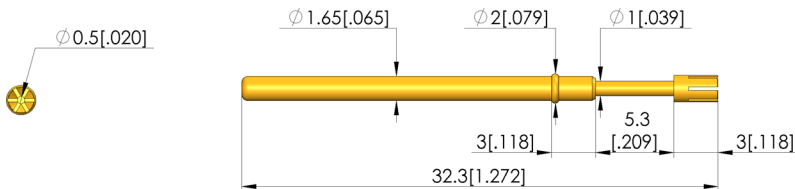
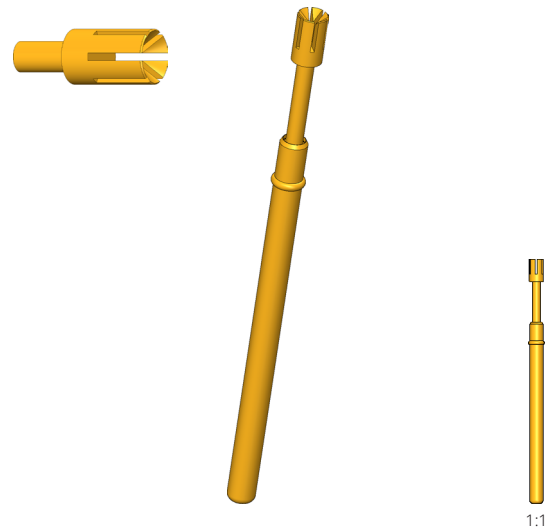


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- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture:  
The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



## General data

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Metric standard                               |
| Series:                         | GKS-112                                       |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Pin, posts                                    |
| Magnetic:                       | Yes                                           |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes                                           |
| Adjustable installation height: | No                                            |
| Non-rotating:                   | No                                            |
| Compatible receptacle(s):       | KS-112                                        |
| Min. temperature:               | - 100 °C [- 212 °F]                           |
| Max. temperature:               | + 200 °C [+ 392 °F]                           |
| RoHS-compliant:                 | RoHS-3;6c                                     |

## Electrical data

|                                        |           |
|----------------------------------------|-----------|
| Current load capacity / rated current: | 8 A       |
| Typical resistance (Ri):               | <100 mOhm |

## Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 32.3 mm [1.27 in] |
| Barrel diameter:                | 1.66 mm [.065 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 0.45 N [1.61 ozf] |
| Collar height:                  | 03                |
| Spring force at working stroke: | 1.5 N [5.39 ozf]  |
| Recommended working stroke:     | 4 mm [.157 in]    |

## Tip style data

|                     |                                             |
|---------------------|---------------------------------------------|
| Tip style:          | 19 90° inverse cone, slotted, self cleaning |
| Tip diameter:       | 1.8 mm [.070 in]                            |
| Tip style surface:  | A gold                                      |
| Tip style material: | 3 CuBe                                      |

# Spring-loaded test probe

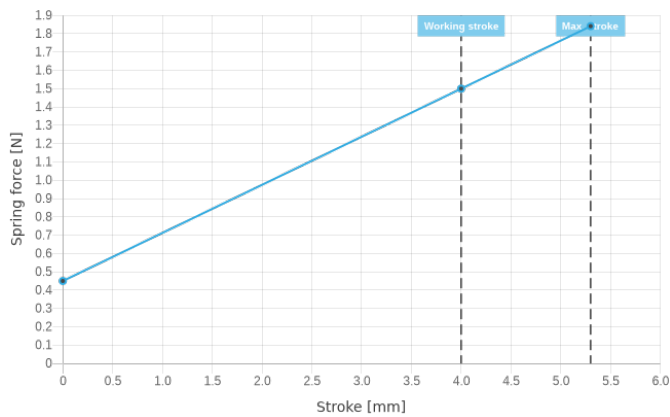
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### INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



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