

# Spring-loaded test probe

## GKS-112 305 064 A 1502 M

Item GKS-112-0310



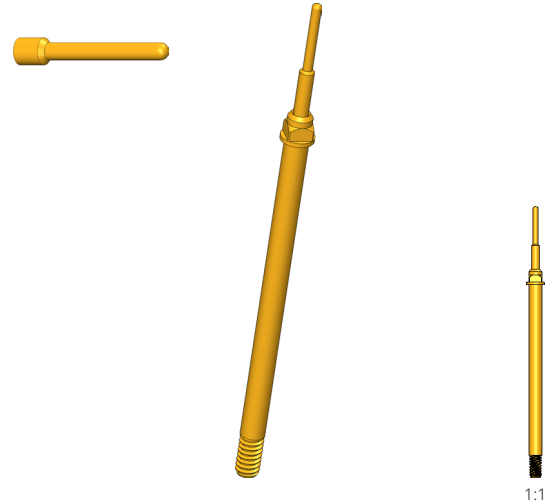
GO TO PRODUCT

**ingun**<sup>®</sup>

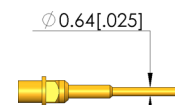
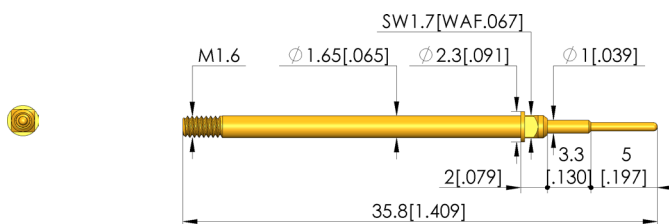
Partner for Future Technology

- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver and bit tool. The required screw-in torque is applied via a square post on the receptacle.
- Stainless steel versions for temperatures from -100 °C up to +200 °C available

### INGUN SELECTION



1:1



### General data

|                                 |                                |
|---------------------------------|--------------------------------|
| Product group:                  | Screw-in test probe            |
| Sub-product group:              | Screw-in test probe            |
| Series:                         | GKS-112 M screw-in             |
| Grid:                           | 2.54 mm [100 mil]              |
| Contacting from:                | Pad, Female connector          |
| Magnetic:                       | Yes                            |
| Installation type:              | Screw-in                       |
| Quick-exchange system:          | Yes                            |
| Adjustable installation height: | No                             |
| Non-rotating:                   | No                             |
| Screw-in torque:                | 3 - 5 cNm [.265 - .442 lbf-in] |
| Compatible receptacle(s):       | KS-112 M                       |
| Min. temperature:               | - 40 °C [- 104 °F]             |
| Max. temperature:               | + 80 °C [+ 176 °F]             |
| RoHS-compliant:                 | RoHS-3;6c                      |

### Electrical data

|                                        |          |
|----------------------------------------|----------|
| Current load capacity / rated current: | 8 A      |
| Typical resistance (Ri):               | <20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 35.8 mm [1.40 in] |
| Barrel diameter:                | 1.65 mm [.064 in] |
| Maximum stroke:                 | 8 mm [.314 in]    |
| Spring pre-load:                | 0.5 N [1.79 ozf]  |
| Collar height:                  | 02                |
| Spring force at working stroke: | 1.5 N [5.39 ozf]  |
| Recommended working stroke:     | 4 mm [.157 in]    |

### Tip style data

|                     |                               |
|---------------------|-------------------------------|
| Tip style:          | 05 bullet-nosed (full radius) |
| Tip diameter:       | 0.64 mm [.025 in]             |
| Tip style surface:  | A gold                        |
| Tip style material: | 3 CuBe                        |

ICT/FCT TEST PROBES

# Spring-loaded test probe

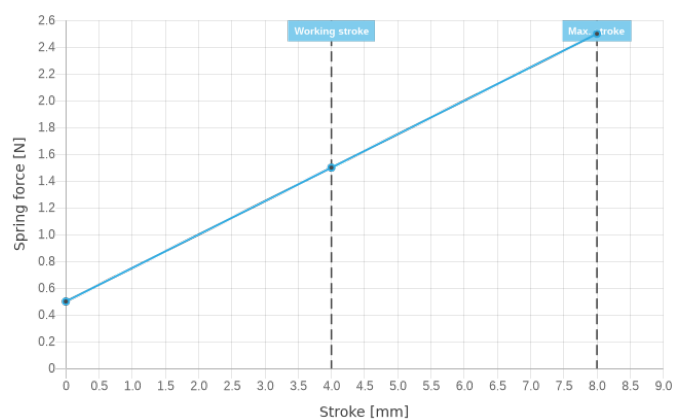
## GKS-112 305 064 A 1502 M

Item GKS-112-0310



**ingun**<sup>®</sup>

Partner for Future Technology



### 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



Prices and delivery times on request.  
Technical changes reserved. 03/24\_GB

Learn more about  
ICT/FCT Test probes



ICT/FCT TEST PROBES

ingun.com