

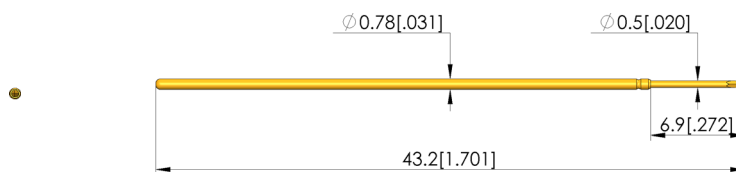


GO TO PRODUCT

- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles



1:1



### General data

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Standard stroke test probe                    |
| Series:                         | GKS-050                                       |
| Grid:                           | 1.27 mm [50 mil]                              |
| Contacting from:                |                                               |
| Magnetic:                       | Yes                                           |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes                                           |
| Adjustable installation height: | No                                            |
| Non-rotating:                   | No                                            |
| Compatible receptacle(s):       | KS-050                                        |
| Min. temperature:               | -40 °C [-40 °F]                               |
| Max. temperature:               | 80 °C [176 °F]                                |
| RoHS-compliant:                 | Yes                                           |

### Tip style data

|                     |                          |
|---------------------|--------------------------|
| Tip style:          | 91 dagger, self-cleaning |
| Tip diameter:       | 0.5 mm [.019 in]         |
| Tip style surface:  | A gold                   |
| Tip style material: | 2 steel                  |

### Electrical data

|                                        |         |
|----------------------------------------|---------|
| Current load capacity / rated current: | 2 A     |
| Typical resistance (Ri):               | 20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 43.2 mm [1.7 in]  |
| Barrel diameter:                | 0.78 mm [.03 in]  |
| Maximum stroke:                 | 6.35 mm [.25 in]  |
| Spring pre-load:                | 0.44 N [1.58 ozf] |
| Collar height:                  | 00                |
| Spring force at working stroke: | 1 N [3.59 ozf]    |
| Recommended working stroke:     | 4.3 mm [.169 in]  |

# Test Probe

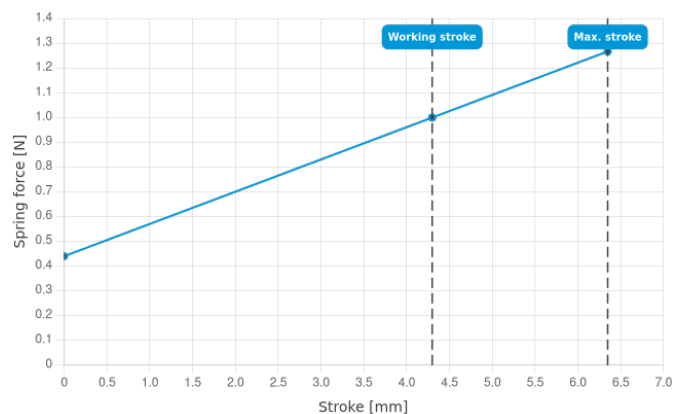
## GKS-050 291 050 A 1000

Item GKS-050-0012



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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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