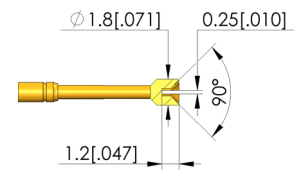
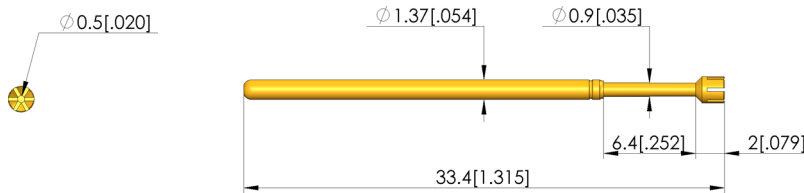
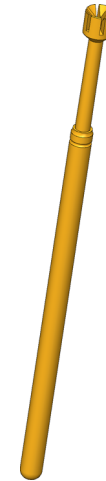




- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures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



### General data

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Standard stroke test probe                    |
| Series:                         | GKS-100                                       |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Post                                          |
| Magnetic:                       | Yes                                           |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes                                           |
| Adjustable installation height: | No                                            |
| Non-rotating:                   | No                                            |
| Compatible receptacle(s):       | KS-100                                        |
| Min. temperature:               | -40 °C [-40 °F]                               |
| Max. temperature:               | 80 °C [176 °F]                                |
| RoHS-compliant:                 | Yes                                           |

### Tip style data

|                     |                                             |
|---------------------|---------------------------------------------|
| Tip style:          | 19 90° inverse cone, slotted, self cleaning |
| Tip diameter:       | 1.8 mm [0.07 in]                            |
| Tip style surface:  | A gold                                      |
| Tip style material: | 3 CuBe                                      |

### Electrical data

|                                        |         |
|----------------------------------------|---------|
| Current load capacity / rated current: | 5 A     |
| Typical resistance (Ri):               | 20 mOhm |

### Mechanical data

|                                 |                    |
|---------------------------------|--------------------|
| Total length:                   | 33.4 mm [1.31 in]  |
| Barrel diameter:                | 1.37 mm [0.053 in] |
| Maximum stroke:                 | 6.35 mm [0.25 in]  |
| Spring pre-load:                | 0.35 N [1.25 ozf]  |
| Collar height:                  | 0                  |
| Spring force at working stroke: | 1 N [3.59 ozf]     |
| Recommended working stroke:     | 4.3 mm [0.169 in]  |

# Test Probe

## GKS-100 319 180 A 1000

Item GKS-100-1151



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Partner for Future Technology



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