# Spring-loaded test probe

## GKS-103 201 180 A 3002

Item GKS-103-0049

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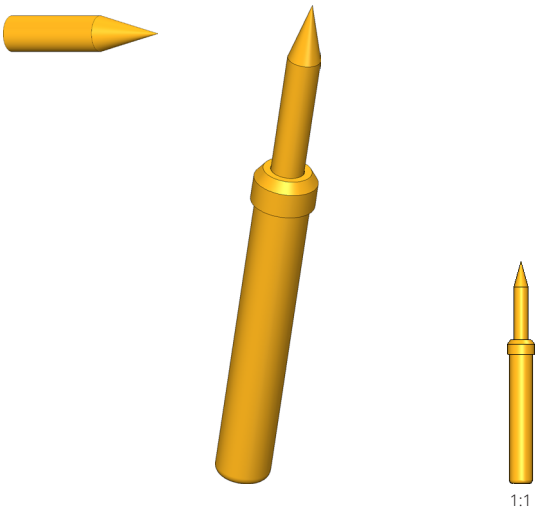
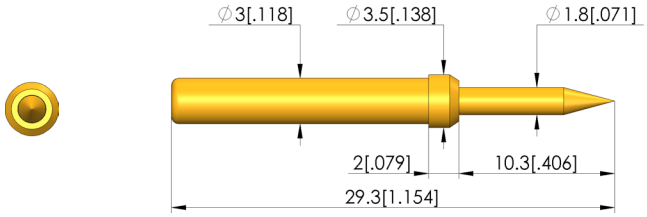
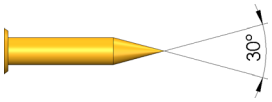
- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture: The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights
- Stainless steel versions for temperatures 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-103 |
| Grid: | 4.5 mm [177 mil] |
| Contacting from: | Pad |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-103, KS-103 23 |
| Min. temperature: | - 40 °C [- 104 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6a;6c |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 5 A |
| Typical resistance (Ri): | <30 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 29.3 mm [1.15 in] |
| Barrel diameter: | 3 mm [.118 in] |
| Maximum stroke: | 6 mm [.236 in] |
| Spring pre-load: | 1.22 N [4.38 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 3 N [10.7 ozf] |
| Recommended working stroke: | 4.8 mm [.188 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 01 30° needle tip, self-cleaning |
| Tip diameter: | 1.8 mm [.070 in] |
| Tip style surface: | A gold |
| Tip style material: | 2 steel |

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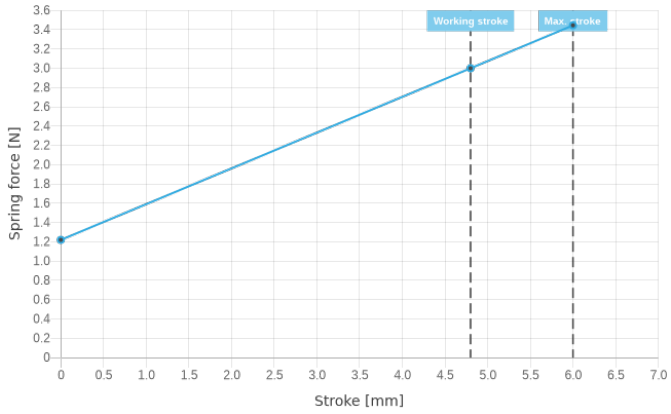


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