# Spring-loaded test probe

## GKS-004 305 152 A 2000

Item GKS-004-0016

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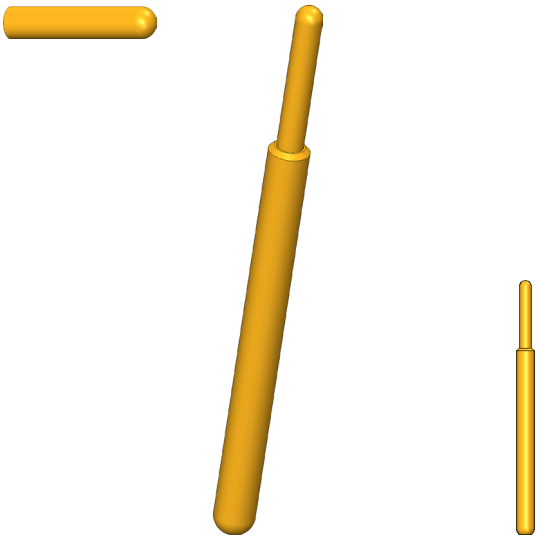
Partner for Future Technology

- Robust, compact design for harsh ICT/FCT applications with limited space
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. spring forces.



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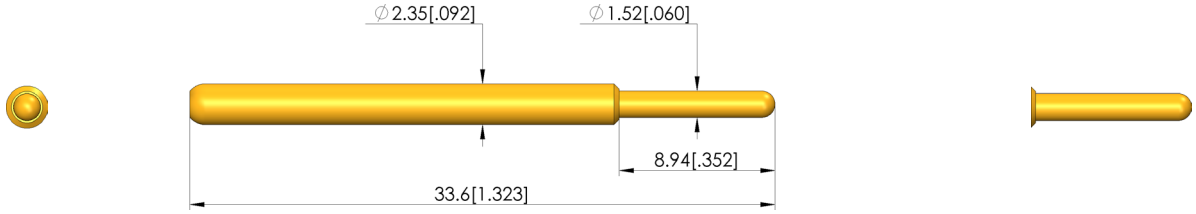


### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Short/robust GKS |
| Series: | GKS-004 |
| Grid: | 4.75 mm [187 mil] |
| Contacting from: | Pad, Female connector |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-004 |
| 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: | 33.6 mm [1.32 in] |
| Barrel diameter: | 2.36 mm [.092 in] |
| Maximum stroke: | 6.35 mm [.25 in] |
| Spring pre-load: | 1.02 N [3.66 ozf] |
| Collar height: | 00 |
| Spring force at working stroke: | 2 N [7.19 ozf] |
| Recommended working stroke: | 4.4 mm [.173 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 05 bullet-nosed (full radius) |
| Tip diameter: | 1.52 mm [.059 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

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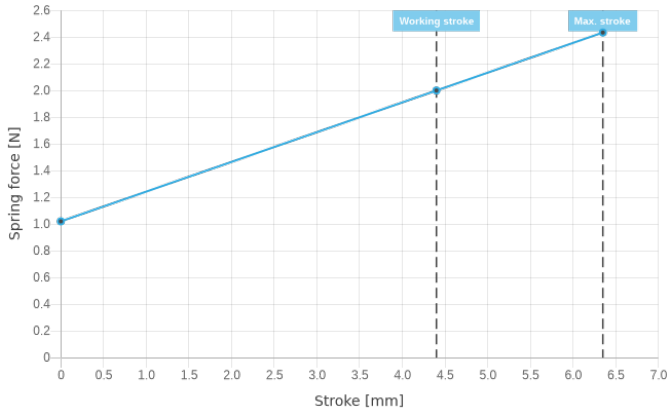


**INGUN Prüfmittelbau GmbH**
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

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