# Spring-loaded test probe

## GKS-075 214 100 A 2002 M

Item GKS-075-0640

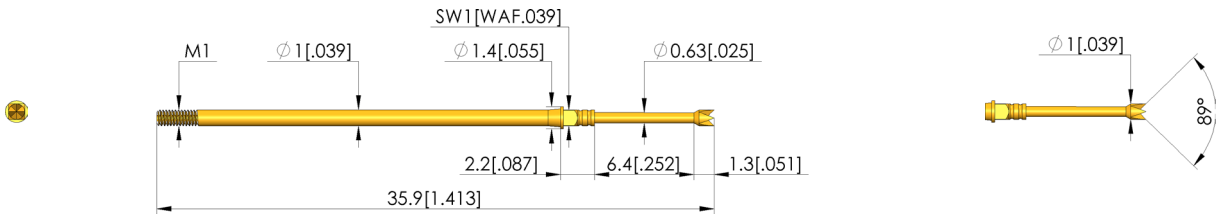
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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver 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



1:1




### General data

| | |
|---|---|
| Product group: | Screw-in test probe |
| Sub-product group: | Screw-in test probe |
| Series: | GKS-075 M screw-in |
| Grid: | 1.91 mm [75 mil] |
| Contacting from: | Pad, pin, posts |
| Magnetic: | Yes |
| Installation type: | Screw-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Screw-in torque: | 0.5 - 1 cNm [.044 - .088 lbf·in] |
| Compatible receptacle(s): | KS-075 M |
| 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: | 3 A |
| Typical resistance (Ri): | <20 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 35.9 mm [1.41 in] |
| Barrel diameter: | 1 mm [.039 in] |
| Maximum stroke: | 6.35 mm [.25 in] |
| Spring pre-load: | 0.77 N [2.76 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 2 N [7.19 ozf] |
| Recommended working stroke: | 4.3 mm [.169 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 14 4-point crown, self-cleaning |
| Tip diameter: | 1 mm [.039 in] |
| Tip style surface: | A gold |
| Tip style material: | 2 steel |

SCREW-IN TEST PROBE

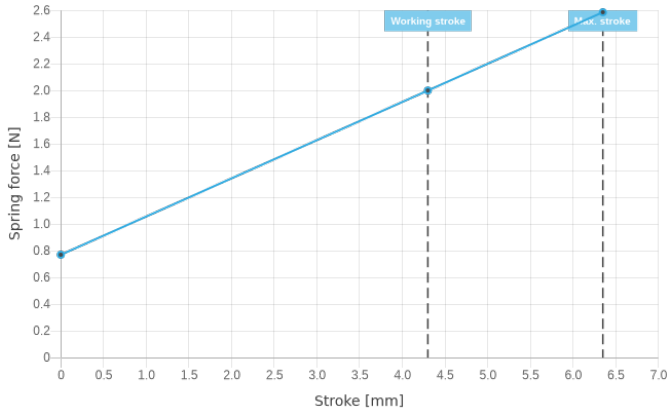
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