# Spring-loaded test probe

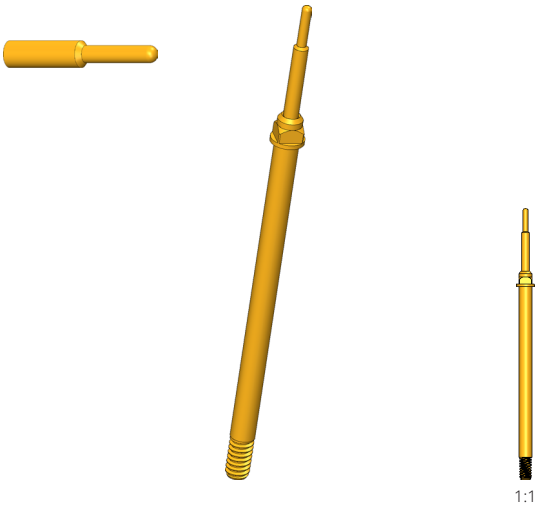
## GKS-112 305 064 A 5002 M-30

Item GKS-112-2531

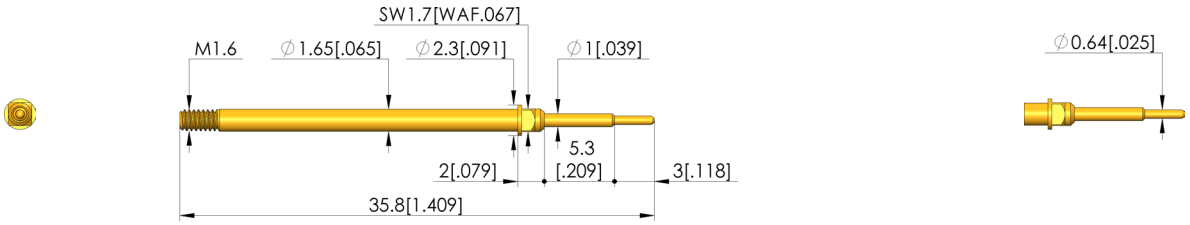
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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver 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-112 M screw-in |
| Grid: | 2.54 mm [100 mil] |
| Contacting from: | Pad, Female connector |
| Magnetic: | Yes |
| Installation type: | Screw-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Screw-in torque: | 3 - 5 cNm [.265 - .442 lbf·in] |
| Compatible receptacle(s): | KS-112 M |
| 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: | 35.8 mm [1.40 in] |
| Barrel diameter: | 1.65 mm [.064 in] |
| Maximum stroke: | 5.3 mm [.208 in] |
| Spring pre-load: | 1.49 N [5.35 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 5 N [17.9 ozf] |
| Recommended working stroke: | 4 mm [.157 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 05 bullet-nosed (full radius) |
| Tip diameter: | 0.64 mm [.025 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |
| Step probe tip height: | 3 mm [.118 in] |

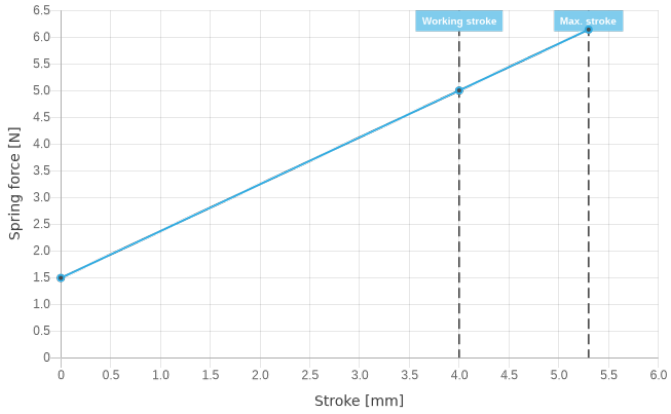
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