

# Spring-loaded test probe

## GKS-112 319 180 A 3005 M

Item GKS-112-2428



GO TO PRODUCT

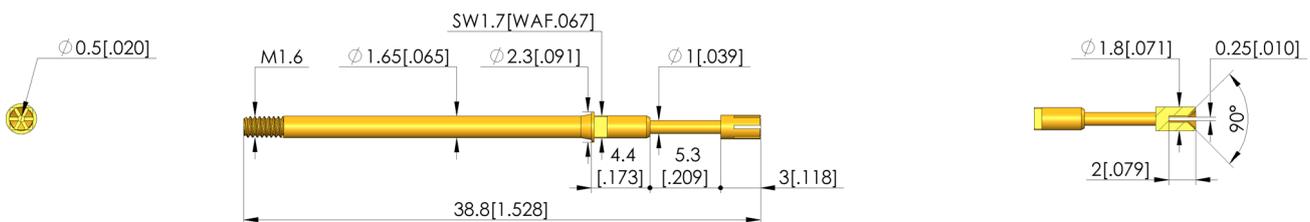
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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver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

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### Electrical data

Current load capacity / rated current: 8 A  
 Typical resistance (Ri): <20 mOhm

### Mechanical data

Total length: 38.8 mm [1.52 in]  
 Barrel diameter: 1.65 mm [.064 in]  
 Maximum stroke: 5.3 mm [.208 in]  
 Spring pre-load: 0.6 N [2.15 ozf]  
 Collar height: 05  
 Spring force at working stroke: 3 N [10.7 ozf]  
 Recommended working stroke: 4 mm [1.57 in]

### Tip style data

Tip style: 19 90° inverse cone, slotted, self cleaning  
 Tip diameter: 1.8 mm [.070 in]  
 Tip style surface: A gold  
 Tip style material: 3 CuBe

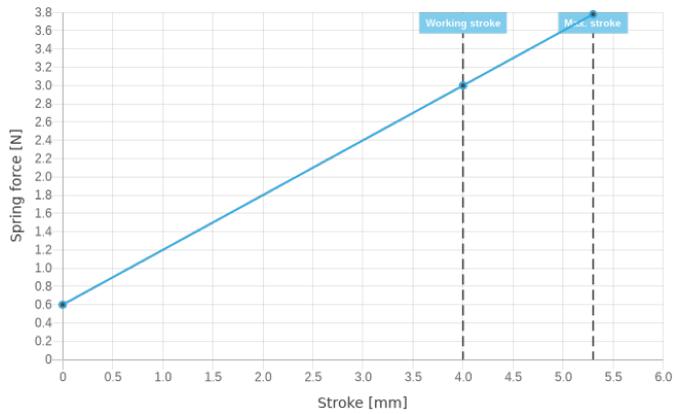
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