

# Test Probe

## GKS-050 303 090 A 1000

Item GKS-050-0081

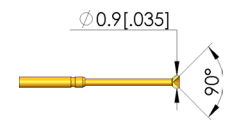
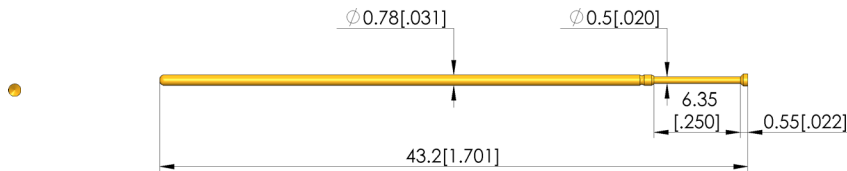
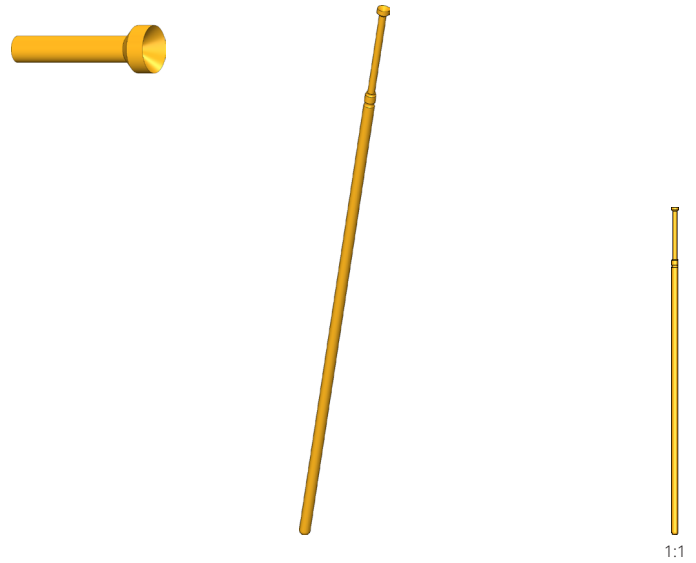


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- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles



1:1

### General data

Product group:	ICT / FCT (in-circuit test and function test)
Sub-product group:	Standard stroke test probe
Series:	GKS-050
Grid:	1.27 mm [50 mil]
Contacting from:	Post
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-050
Min. temperature:	-40 °C [-40 °F]
Max. temperature:	80 °C [176 °F]
RoHS-compliant:	Yes

### Tip style data

Tip style:	03 inverse cone
Tip diameter:	0.9 mm [.035 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

### Electrical data

Current load capacity / rated current:	3 A
Typical resistance (Ri):	20 mOhm

### Mechanical data

Total length:	43.2 mm [1.7 in]
Barrel diameter:	0.78 mm [.03 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	0.44 N [1.58 ozf]
Collar height:	00
Spring force at working stroke:	1 N [3.59 ozf]
Recommended working stroke:	4.3 mm [.169 in]

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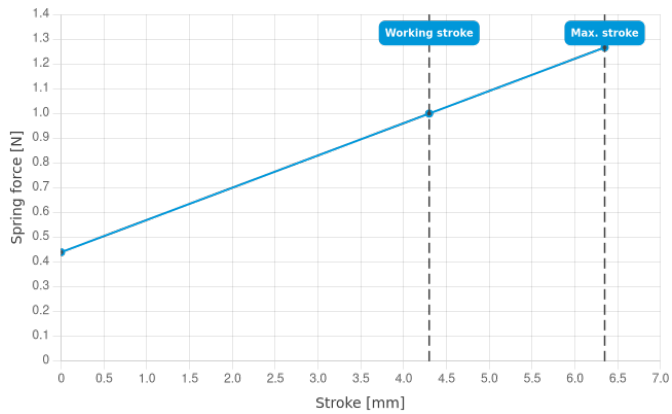
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