Spring-loaded test probe

GKS-112 217 175 N 3010 M

Item GKS-112-2453

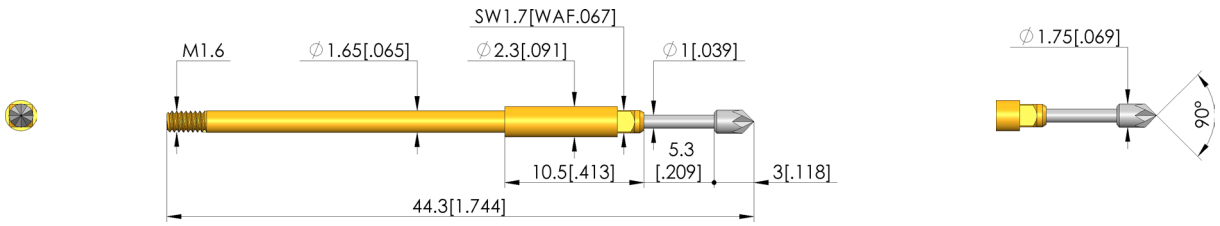
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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver 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, Via, 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;6a;6c

Electrical data

Current load capacity / rated current:	5 A
Typical resistance (Ri):	<20 mOhm

Mechanical data

Total length:	44.3 mm [1.74 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:	10
Spring force at working stroke:	3 N [10.7 ozf]
Recommended working stroke:	4 mm [.157 in]

Tip style data

Tip style:	17 hexagonal pyramid with cutting edges, self-cleaning
Tip diameter:	1.75 mm [.068 in]
Tip style surface:	N nickel
Tip style material:	2 steel

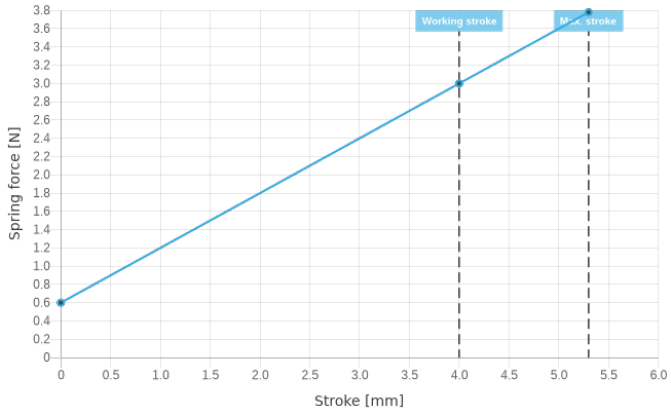
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INGUN Prüfmittelbau GmbH
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

Prices and delivery times on request.
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