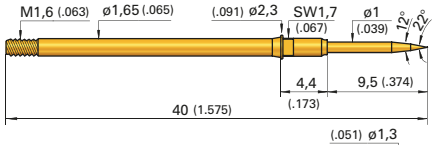
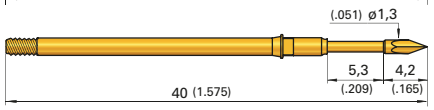
GKS 112 MD

Test Probes for Flying Probe
Test Systems Scorpion/Acculogic and Digitaltest

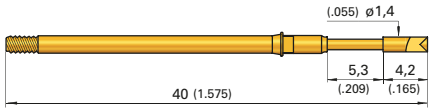
Mounting and functional dimensions



GKS-112 201 112 A xx05 MD



GKS-112 291 130 A xx05 MD



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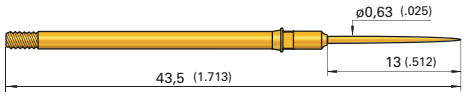

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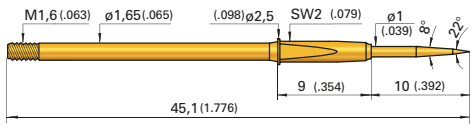
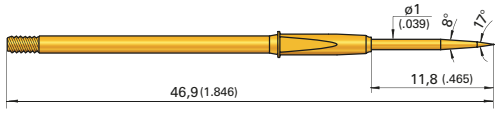
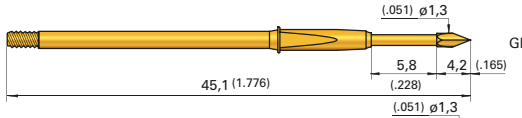


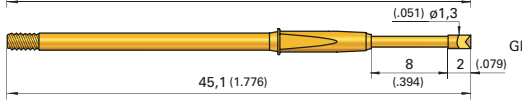
GKS-112 201 108 A xx10 MDL



GKS-112 251 108 A xx10 MDL

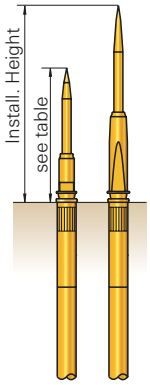


GKS-112 291 130 A xx10 MDL



GKS-112 303 130 A xx10 MDL

Type	Oper. stroke in mm (inch)	Max. stroke in mm (inch)	Inst.-height with KS in mm (inch)
01...05 MD	4,0 (.157)	8,0 (.315)	14,7 (.579)
91...05 MD	4,0 (.157)	5,3 (.209)	14,7 (.579)
53...05 MD	4,0 (.157)	5,3 (.209)	14,7 (.579)
59...05 MD	4,0 (.157)	8,0 (.315)	18,2 (.717)
01...10 MDL	4,0 (.157)	8,0 (.315)	19,8 (.780)
51...10 MDL	4,0 (.157)	8,0 (.315)	21,6 (.850)
91...10 MDL	4,0 (.157)	5,8 (.256)	19,8 (.780)
03...10 MDL	4,0 (.157)	8,0 (.315)	19,8 (.780)



Available tip styles
version GKS-112 ... 05 MD

Material	Tip style		Plating	Further versions ∅	Further versions ∅ (inch)
2	01	∅ 1,12 (.044)	A		
2	91	∅ 1,30 (.051)	A		
2	53	∅ 1,40 (.055)	A		
2	59	∅ 0,60 (.024)	A		

Available tip styles
version GKS-112 ... 10 MDL

Material	Tip style		Plating	Further versions ∅	Further versions ∅ (inch)
2	01	∅ 1,08 (.043)	A		
2	51	∅ 1,08 (.043)	A		
2	91	∅ 1,30 (.051)	A		
3	03	∅ 1,30 (.051)	A		

Note:
GKS-112 ... MD and MDL is screwed in KS-112 ... M, shown on page 125.

Recommended screw-in torque:
Min.: 3 cNm / Max.: 5 cNm

Electrical data

Current rating: 5 - 8 A
R_i typical: < 20 mΩ

Operating temperature

Standard: -40° up to +80° C

Mounting hole size

for KS-112 xx M and KS-112 xx M-T in CEM1 and FR4: ∅ 1,98 - 1,99 mm (.0780 - .0783)

for KS-112 xx M-R in CEM1 and FR4: ∅ 2,00 - 2,02 mm (.0787 - .0795)

Materials

Plunger: Steel or BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass, gold-plated

Mechanical data

Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,6 (2.2oz); 0,8 (2.9oz); 2,25 (8.1oz); 3,0 N (10.8oz)

Ordering example

Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation alternative "MDL"
GKS	112	201	112	A	15	05	MD

Test probe: GKS 112 201 112 A 15 05 MD

Receptacles (shown on page 125): KS-112 30 M-T / KS-112 30 M-R

Receptacles for leakage test (shown on page 125): KS-112 30 M

Screw-in tool for GKS-112 ... 05 MD: BIT-GKS 112 M-B

Screw-in tool for GKS-112 ... 10 MDL: BIT-GKS 112 M-B-FP