

GKS 101

Test Probe

Grid:

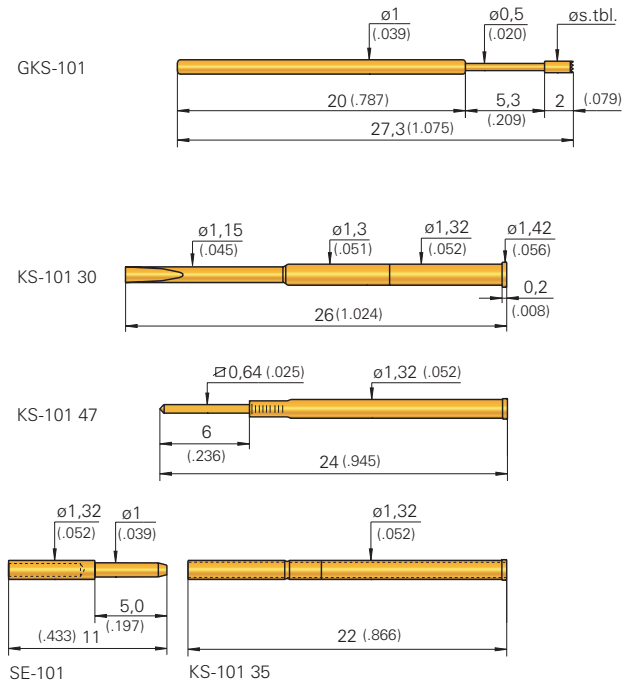
≥ 1,91 mm

≥ 75 Mil

Installation Height: 12,5 mm (.492)

Recommended Stroke: 4,0 mm (.157)

Mounting and Functional Dimensions

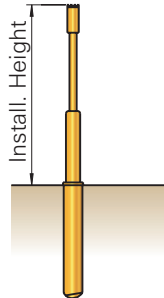


Collar Height an Installation Height

The Installation Height of the Test Probe is determined by the collar height of the Receptacle (KS).

Designation	Installation Height
KS-101 30 / 35 / 47	12,5 mm (.492)
KS-101 xx E13	14,0 mm (.551)

Further Installation Heights on request.



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ϕ	ϕ (inch)
3	01	A		
3	02	A	0,50	(.020)
3	03	A	1,50	(.059)
3	04	A		
3	05	A		
3	06	A	1,50	(.059)
3	07	A		
3	08	A		
3	14	A		
2	24	A		
**				
3	51	A		

2 mm (.079) shorter

** higher middle tip plus 0,5 mm

Mechanical Data

Working Stroke: 4,0 mm (.157)
Maximum Stroke: 5,3 mm (.209)
Spring Force at Work. Stroke: 0,8 N (2.9oz)
alternative: 0,5 N (1.8oz); 1,5 N (5.4oz)

Electrical Data

Current Rating: 3 - 4 A
R_i typical: < 20 m Ω (* > 100 m Ω)

Mounting Hole Size

in CEM 1 and FR 4: ϕ 1,31 - 1,32 mm
 (.0516 - .0520)

Materials

Plunger: BeCu or Steel, gold-plated
Barrel: Nickel-Silver, gold-plated
Spring: Steel, gold-plated or Stainless Steel* (C)
Receptacle: Brass or Nickel-Silver, gold-plated

Operating Temperature

Standard: -40° up to +80° C
*** with spec. Designation "C":** -100° up to +200° (0,8 N)

Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

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)
Test Probe:	GKS	101	301	050	A	08	00
Receptacles:	KS-10147	KS-10135	KS-10130E13				
Plug:	SE-101						