

# GKS 101

Test Probe

**Grid:**

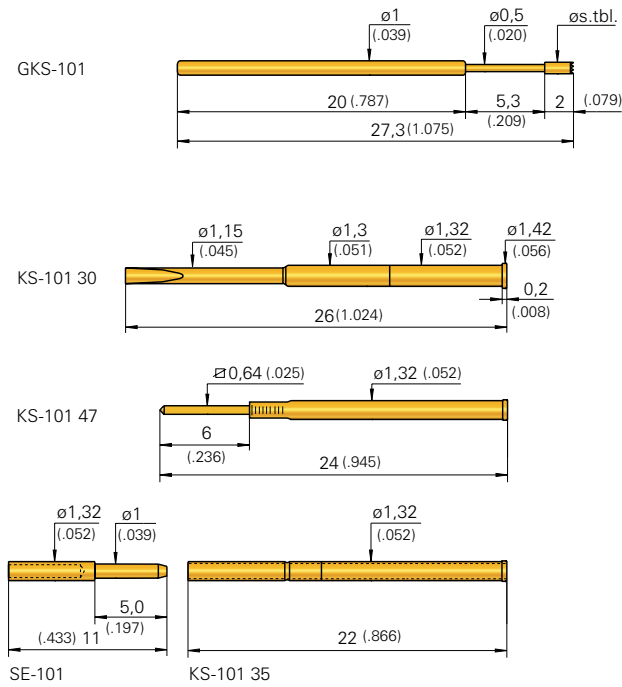
≥ 1,91 mm

≥ 75 Mil

**Installation Height:** 12,5 mm (.492)

**Recommended Stroke:** 4,0 mm (.157)

## Mounting and Functional Dimensions

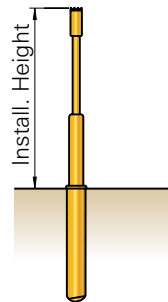


### Collar Height an Installation Height

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	
			$\phi$	$\phi$ (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  $\phi 0,50$  (.020)

\*\* 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<sub>j</sub> typical:** < 20 m $\Omega$  (\* < 100 m $\Omega$ )

### Mounting Hole Size

**in CEM 1 and FR 4:**  $\phi$  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						