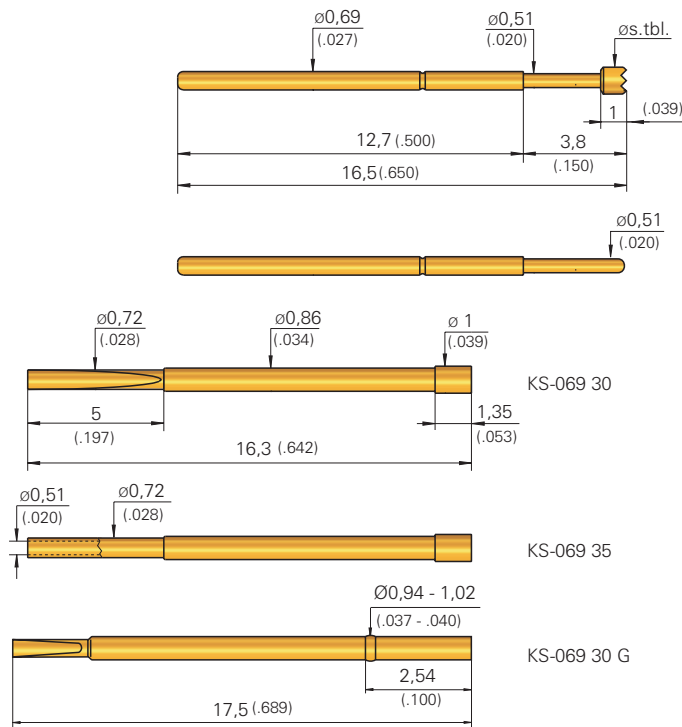


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

Installation Height: 6,7 mm (.264) / variable
Recommended Stroke: 2,2 mm (.087)

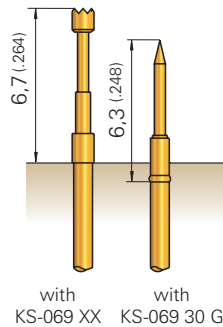
Mounting and Functional Dimensions



Collar Height and Installation Height

The Installation Height of the Probe is determined by the Receptacle.

Designation	Installation Height
KS-069 30	6,7 mm (.264)
KS-069 35	6,7 mm (.264)
KS-069 30 G	variable



Mechanical Data

Working Stroke: 2,2 mm (.087)
Maximum Stroke: 2,8 mm (.110)
Spring Force at Work. Stroke: 0,7 N (2.5oz)
alternative: 1,0 N (3.6oz)

Electrical Data

Current Rating: 3 A
R_i typical: < 20 mΩ

Materials

Plunger: BeCu or Steel, gold-plated or chemically nickel-plated
Barrel: Nickel-Silver, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass or Nickel-Silver, gold-plated

Mounting Hole Size

for KS-069 30 / 35: $\varnothing 0,85 - 0,86$ mm (.0335 - .0339)
for KS-069 30 G: $\varnothing 0,86 - 0,92$ mm (.0339 - .0362)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
2 01		N	0,51 A	(.020)
3 03		A	1,52	(.060)
2 05		N		
3 05		A		
3 05		A		
3 06		A		
3 07		A		
2 14		A		
2 17		A		

Fine Pitch

Note:

The usage of the Series 069 is only possible with a Receptacle.

The KS-069 is available pre-wired with 1 m Wire AWG 26 (see Ordering Example).

Note:

Test Probes of the Series GKS-069 are also available with bent Barrel end (Special Designation „B“)

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 N = Nickel	Spring Force (dN)	Collar Height (mm)	Special Designation („B“)
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Test Probe:

G K S 0 6 9 3 0 6 0 9 0 A 0 7 0 0

Receptacles:

K S - 0 6 9 3 0 K S - 0 6 9 3 5 K S - 0 6 9 3 0 G

Receptacle, pre-wired with AWG 26:

K S - 0 6 9 3 5 V - 2 6