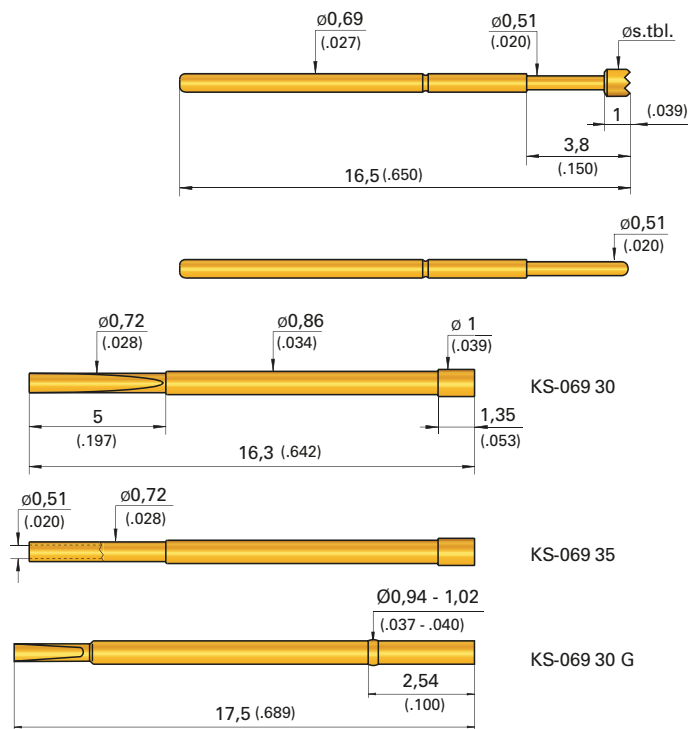


Grid:
 $\geq 1,27 \text{ mm}$
 $\geq 50 \text{ Mil}$

Installation height with KS: 6,7 mm (.264) / 6,3 mm (.248)/variable
 Recommended stroke: 2,2 mm (.087)

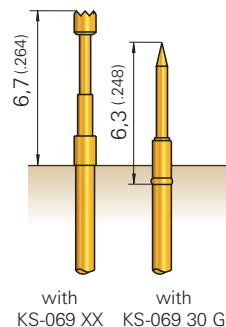
Mounting and functional dimensions



Collar height and installation height

The installation height of the probe is determined by the receptacle.

Designation	Install. height with KS
KS-069 30	6,7 mm (.264)
KS-069 35	6,7 mm (.264)
KS-069 30 G	6,3 mm (.248)/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

Operating temperature

Standard: -40° up to +80° C

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

Available tip styles

Material		Tip style	Plating	Further versions	
				$\varnothing$	$\varnothing$ (inch)
2	01		$\varnothing 0,51$ (.020)	N	0,51 A (.020)
3	03		$\varnothing 0,90$ (.035)	A	1,52 (.060)
2	05		$\varnothing 0,51$ (.020)	N	
3	05		$\varnothing 0,51$ (.020)	A	
3	05		$\varnothing 0,80$ (.031)	A	
3	06		$\varnothing 0,90$ (.035)	A	
3	07		$\varnothing 0,90$ (.035)	A	
2	14		$\varnothing 0,90$ (.035)	A	
2	17		$\varnothing 0,90$ (.035)	A	

Fine Pitch

Note:

Series 069 can only be used with a receptacle.

The KS-069 is available pre-wired with 1 m wire AWG 26 (see ordering example). Recommended minimal bending radius: 10 mm (.394).

Note:

Test probes in the GKS-069 series are also available with bent barrel end (special designation "B")

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")
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							