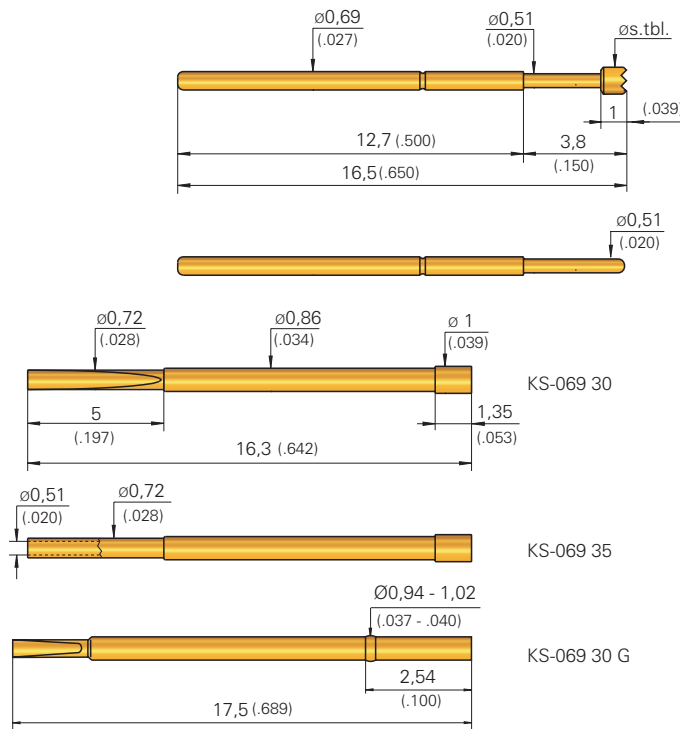


**Grid:**  
 ≥ 1,27 mm  
 ≥ 50 Mil

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

### Mounting and functional dimensions



### Available tip styles

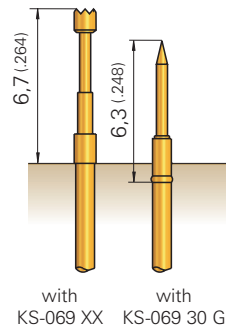
Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		N	∅ 0,51 (.020)	0,51 A (.020)
3 03		A	∅ 0,90 (.035)	1,52 (.060)
2 05		N	∅ 0,51 (.020)	
3 05		A	∅ 0,51 (.020)	
3 05		A	∅ 0,80 (.031)	
3 06		A	∅ 0,90 (.035)	
3 07		A	∅ 0,90 (.035)	
2 14		A	∅ 0,90 (.035)	
2 17		A	∅ 0,90 (.035)	

Fine Pitch

### 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<sub>i</sub> 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:** ∅ 0,85 - 0,86 mm (.0335 - .0339)  
**for KS-069 30 G:** ∅ 0,86 - 0,92 mm (.0339 - .0362)

### 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" )
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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