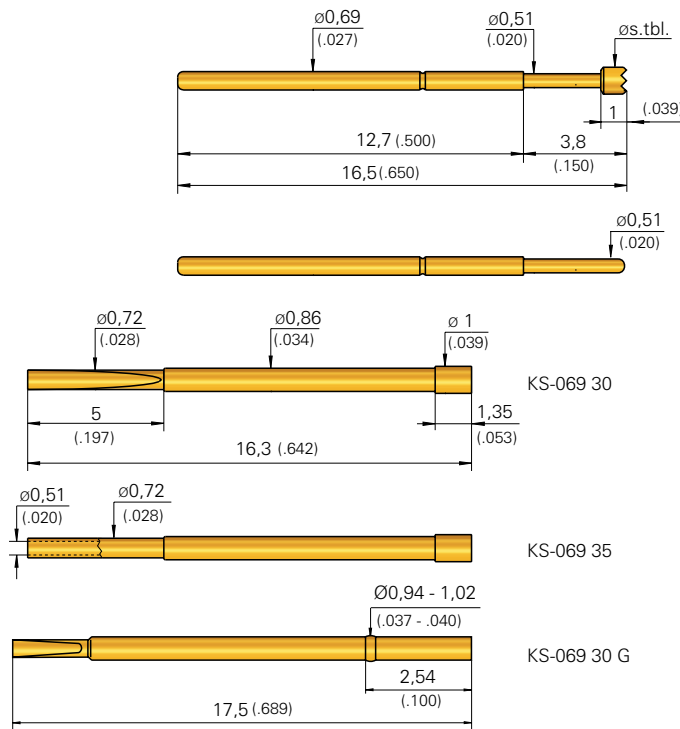


**Grid:**  
 ≥ 1,27 mm  
 ≥ 50 Mil

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

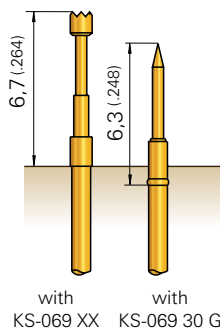
### Mounting and Functional Dimensions



### 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)

### 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

### Electrical Data

**Current Rating:** 3 A  
**R<sub>i</sub> typical:** < 20 mΩ

### 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	$\varnothing 0,51$ (.020)	0,51 A (.020)	
3	03	A	$\varnothing 0,90$ (.035)	1,52 (.060)	
2	05	N	$\varnothing 0,51$ (.020)		
3	05	A	$\varnothing 0,51$ (.020)		
3	05	A	$\varnothing 0,80$ (.031)		
3	06	A	$\varnothing 0,90$ (.035)		
3	07	A	$\varnothing 0,90$ (.035)		
2	14	A	$\varnothing 0,90$ (.035)		
2	17	A	$\varnothing 0,90$ (.035)		

### 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“)
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					

e-type® Probes  
 ICT / FCT  
 Bead Probes  
 Fine Pitch  
 Metric Stand.  
 Solderable  
 Short-stroke  
 Flying Probes  
 DKS  
 SKS  
 PKS / PSK  
 RF / Dipole Test Probes  
 HSS  
 Fixture customizing  
 Tools  
 Cable Test Probes