

# GKS 005

ICT-/FCT Test Probe

## Grid:

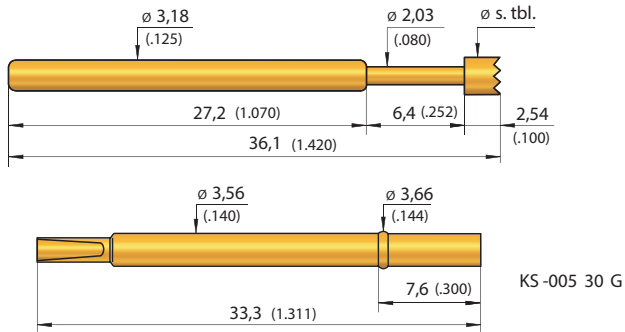
≥ 4,75 mm

≥ 187 Mil

Installation height with KS: 16,5 mm (.650)/variable

Recommended stroke: 4,4 mm (.173)

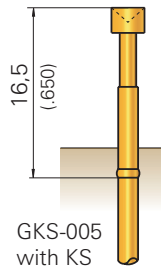
## Mounting and functional dimensions



Available tip styles				
Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		A	∅ 2.03 (.080)	
2 03		A	∅ 3.96 (.156)	
2 06		A	∅ 3.96 (.156)	

### Collar height and installation height

To adjust the installation height, receptacles with a press ring (end designation "G") are used. The installation height can be adjusted by assembling the collar lower in the mounting hole.



### Mechanical data

**Working stroke:** 4,4 mm (.173)  
**Maximum stroke:** 6,35 mm (.250)  
**Spring force at work. stroke:** 2,0 N (7.2oz)  
**Alternative:** 3,0 N (10,8oz); 5,0 N (18.1oz)

### Materials

**Plunger:** Steel, gold-plated  
**Barrel:** Nickel-silver or Bronze, gold-plated  
**Spring:** Steel, gold-plated  
**Receptacle:** Nickel-silver, gold-plated

### Electrical data

**Current rating:** 6 - 8 A  
**R<sub>i</sub> typical:** < 20 mΩ

### Mounting hole size

**With collar or press ring as a collar-stop in CEM1 and FR4:** ∅ 3,53 - 3,54 mm (.1378 - .1399)

### Operating temperature

**Standard:** -40° up to +80° C

### When pressing the press ring into the

**Mounting hole in CEM1 and FR4:** ∅ 3,58 - 3,63 mm (.1409 - .1429)

## Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)
GKS	2 = Steel	06	396	A	30	00
Test probe: <b>G K S 0 0 5 2 0 6 3 9 6 A 3 0 0 0</b>						
Receptacle with press ring: <b>K S - 0 0 5 3 0 G</b>						