

GKS 004

ICT-/FCT Test Probe

Grid:

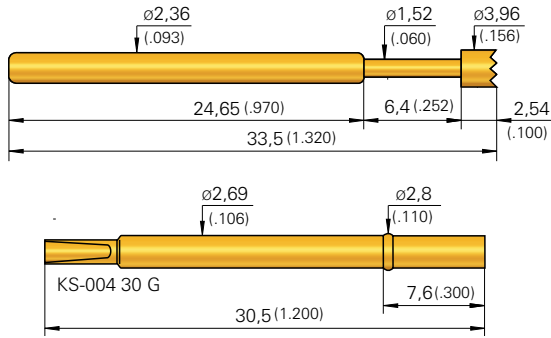
≥ 4,75 mm

≥ 187 Mil

Installation Height: variable

Recommended Stroke: 4,4 mm (.173)

Mounting and Functional Dimensions

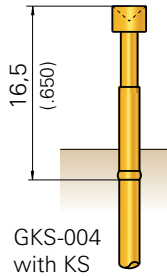


Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01	A	∅ 1,52 (.060)	
3	02	A	∅ 3,96 (.156)	
2	03	A	∅ 3,96 (.156)	
2	04	A	∅ 1,52 (.060)	
3	05	A	∅ 1,52 (.060)	
2	06	A	∅ 3,96 (.156)	
3	08	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 variably set 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: 1,5 N (5.4oz); 3,0 N (10.8oz)

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_j typical: < 20 mΩ

Mounting Hole Size

With Collar or Press-ring as a collar-stop

in CEM 1 and FR 4: ∅ 2,67 - 2,68 mm (.1024 - .1063)

When pressing the Press-ring into the Mounting Hole

KS-004 30 G: ∅ 2,72 - 2,77 mm (.1071 - .1091)

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	Spring Force (dN)	Collar Height (mm)
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Test Probe:

G K S 0 0 4 2 0 1 1 5 2 A 2 0 0 0

Receptacle with Press-ring:

K S - 0 0 4 3 0 G