

GKS 803 M

Screw-in Test Probe with continuous Plunger

Grid:

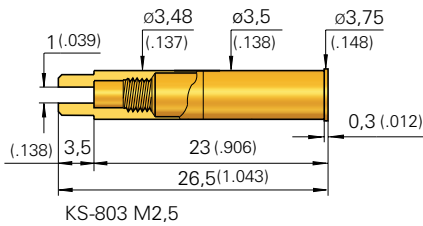
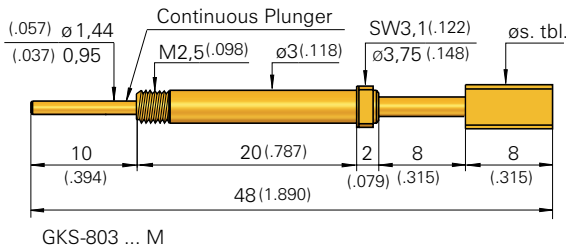
≥ 4,50 mm

≥ 177 Mil

Installation Height: 18,0 mm (.709)

Recommended Stroke: 6,4 mm (.252)

Mounting and Functional Dimensions



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
1 02		A	208	
1 02		A	216	
3 02		A		
3 06		A		

Collar Height and Installation Height

The Installation Height of the Tip is determined by the Collar Height.

Collar Height	Installation Height
02	18,0 mm (.709)

Mechanical Data

Working Stroke: 6,4 mm (.252)
Maximum Stroke: 8,0 mm (.315)
Spring Force at Work. Stroke: 1,5 N (5.4oz);
 5,0 N (18.1oz)

Materials

Plunger: BeCu, gold-plated
Plunger head: BeCu or Brass, gold-plated
Barrel: Brass, gold-plated
Spring: Stainless Steel
Receptacle: Brass, gold-plated

Electrical Data

Current Rating: 5 - 15 A
R_i typical: < 30 mΩ

Mounting Hole Size

in CEM 1 and FR 4: ∅ 3,49 mm (.1374)

Note:

When screwing in the Test Probe into the Receptacle the Plunger is secured against rotation. (The flat section at the end of the Plunger moves into the slit at the end of the Receptacle.)

Note:

Plunger tip with flat section: the flat section of the plunger tip is set at 90° to the flat section at the end of the Plunger.

Note:

GKS-803 ... M will be screwed into KS-803 M2.5 using special tools (see Page 170/171).

Recommended Screw-in Torque:
 Min.: 10 Ncm / Max.: 20 Ncm

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Type
G K S	1 = Brass 3 = BeCu			A = Gold			
8 0 3							
3 0 6							
3 0 0							
A							
1 5							
0 2							
M							

Test Probe: **G K S 8 0 3 3 0 6 3 0 0 A 1 5 0 2 M**

Receptacle: **K S - 8 0 3 M 2 . 5**