

# GKS 803 M

Screw-in Test Probe with continuous Plunger

## Grid:

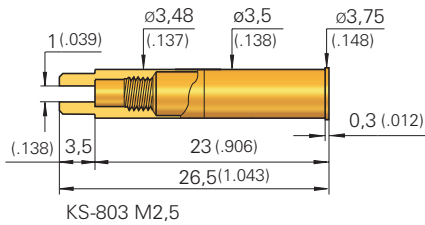
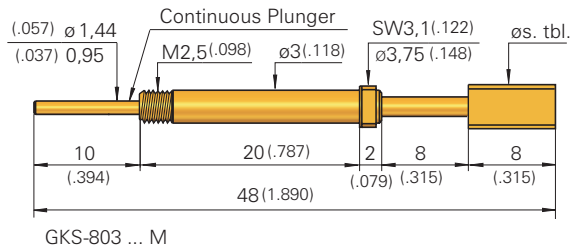
≥ 4,50 mm

≥ 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		
1 02		A		
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<sub>i</sub> 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 1 = Brass 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Type
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							