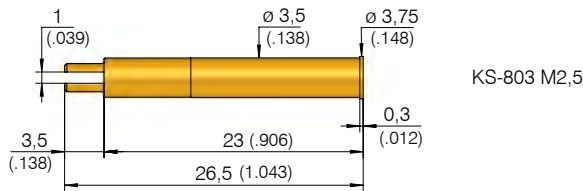
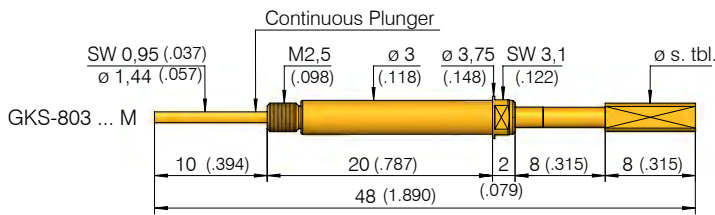


**Grid:**  
 ≥ 4,50 mm  
 ≥ 177 Mil

**Installation height with KS:** 18,3 mm (.720)  
**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 with KS
02	18,3 mm (.720)

#### 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)

#### Electrical data

**Current rating:** 5 - 15 A  
**R<sub>i</sub> typical:** < 30 mΩ

#### Operating temperature

**Standard:** -40° up to +80° C

#### Materials

**Plunger:** BeCu, gold-plated  
**Plunger head:** BeCu or brass, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Stainless steel  
**Receptacle:** Brass, gold-plated

#### Mounting hole size

**in CEM1 and FR4:** ∅ 3,49 mm (.1374)

#### Note:

When screwing 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.

Recommended screw-in torque:  
 Min.: 10 cNm / Max.: 20 cNm

### Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type
	1 = Brass 3 = BeCu			A = Gold			

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