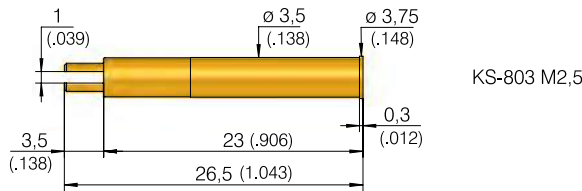
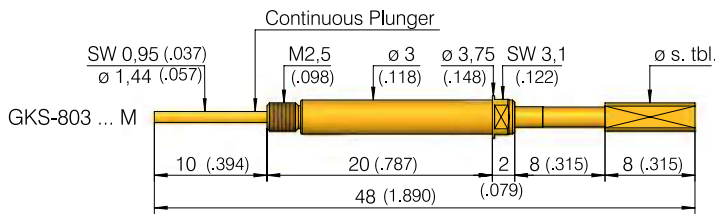


Grid:
 ≥ 4,50 mm
 ≥ 177 Mil

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_i 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