

GKS 313 M

Screw-in Test Probe

Grid:

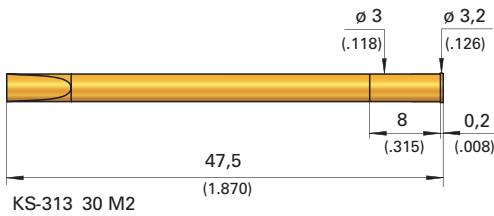
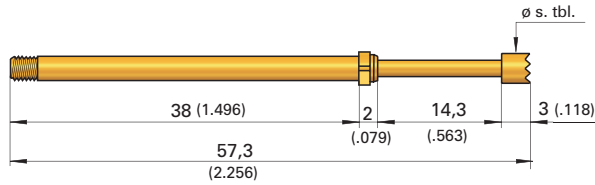
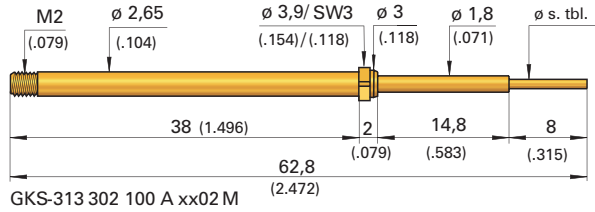
≥ 4,50 mm

≥ 177 Mil

Installation height with KS: 19,5 / 25,0 mm (.768 / .984)

Recommended stroke: 12,0 mm (.472)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3	02	A	∅ 1,00 (.039)	
3	06	A	∅ 3,00 (.118)	
3	17	R	∅ 2,00 (.079)	

Collar height and installation height

The installation height of the tip (measured with the receptacle) is determined by the collar height. The test probe can only be used with a receptacle.

Collar height	Tip style	Installation height with KS
02	02	25,0 mm (.984)
02	06 / 17	19,5 mm (.768)

Mechanical data

Working stroke: 12 mm (.472)
Maximum stroke: 14,3 mm (.563)
Spring forces at work. stroke: 1,5 N (5.4oz)
Alternative: 3,0 N (10.8oz)

Materials

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

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

Electrical data

Current rating: 3 - 5 A
R_i typical: < 30 mΩ

Mounting hole size

in CEM1 and FR4: ∅ 2,99 mm (.1177)

Operating temperature

Standard: -40° up to +80° C

Ordering example

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

Test probe:

G K S 3 1 3 3 0 2 1 0 0 A 3 0 0 2 M

Receptacle:

K S - 3 1 3 3 0 M 2