


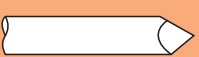
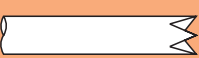

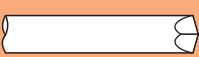


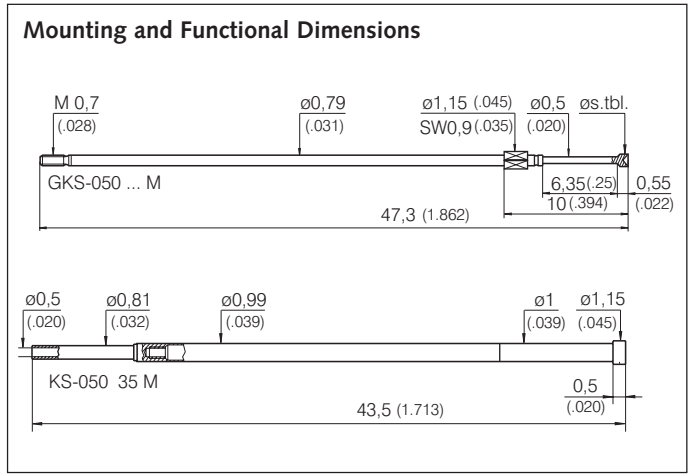


GKS 050 M

Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

Screw-in Test Probe
 Installation Height: 10,5 / 12,5 mm (.413- .492)
 Recommended Stroke: 4,3 mm (.169)

Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Special Versions		
			Ø	(Ø inch)	
3	03 	A	0,90	(.035)	
3	05 	A			
3	06 	A			
3	07 	A	0,90	(.035)	
2	14 	A			
2	31 	A			
2	38 	A			
2	91 	A			
2	97 	A			



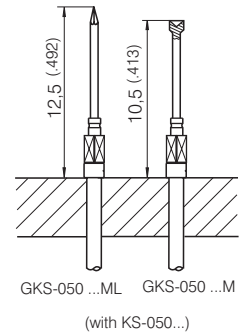
Mechanical Data

Working Stroke: 4,3 mm (.169)
 Maximum Stroke: 6,35 mm (.250)
 Spring Force at Work. Stroke: 1,5 N (5.4oz)
 alternative: 1,0 N (3.6oz); 2,0 N (7.2oz)
 Test Point Size: ≥ Ø 0,80 mm (.031)
 When using Guide Plate: ≥ Ø 0,60 mm (.024)

Collar Height and Installation Height

The Installation Height of the Tip (measured with the Receptacle) is determined by the Collar Height of the Receptacle.

Collar Height	Installation Height
03 M	10,5 mm (.413)
03 ML	12,5 mm (.492)



Electrical Data

Current Rating: 2-3 A
 R_i typical: < 20 mΩ (* >100 mΩ)

Operating Temperature

Standard: -40° up to +80° C
 *with Spec. Designation "MC": -100° up to +200° C (2,0 N)

Mounting Hole Size

in CEM 1: Ø 1,00 - 1,02 mm (.0394 - .0401)
 in FR 4: Ø 1,01 - 1,03 mm (.0398 - .0405)


Materials

Plunger: BeCu or Steel, gold-plated
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated or stainless Steel* (MC)
 Receptacle: Brass, gold-plated

Note:

The Receptacle KS-050 ... M is available pre-wired, with Wire AWG 30 > see Ordering Example.

Special Version GKS-050...ML

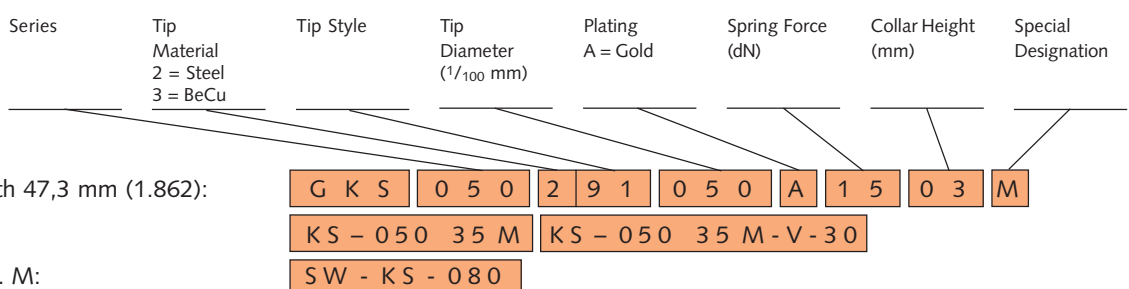
Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Special Versions		
			Ø	(Ø inch)	
2	91 	A			

Total length 49,3 mm (1.941) Special Designation "ML"

Note to GKS - 050 M and KS - 050 ... M

GKS-050 ... M will be screwed into KS-050 ... M using special tools > see page 103.
 Recommended Screw-in Torque: Maximum 1 Ncm

Ordering Example:



Test Probe with Total Length 47,3 mm (1.862):

Receptacles:

Insertion Tool for KS-050 ... M:

All specifications are subject to change without prior notification