












Test Probe

Installation Height: 12,5 mm (.492)
 Recommended Stroke: 4,0 mm (.157)

Grid:

≅ 1,91 mm
 ≅ 75 Mil

GKS 101

Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Special Versions		
			Ø	Ø(inch)	
3	01 	Ø 0,50 (.020)	A		
3	02 	Ø 1,15 (.045)	A	0,50	(.020)
3	03 	Ø 1,15 (.045)	A	1,50	(.059)
3	04 	Ø 1,15 (.045)	A		
3	05 	Ø 1,15 (.045)	A		
3	06 	Ø 1,15 (.045)	A	1,50	(.059)
3	07 	Ø 1,30 (.051)	A		
3	08 	Ø 1,15 (.045)	A		
3	14 	Ø 1,30 (.051)	A		
2	24 	Ø 1,15 (.045)	A		
3	51  2 mm (.079) shorter	Ø 0,50 (.020)	A		

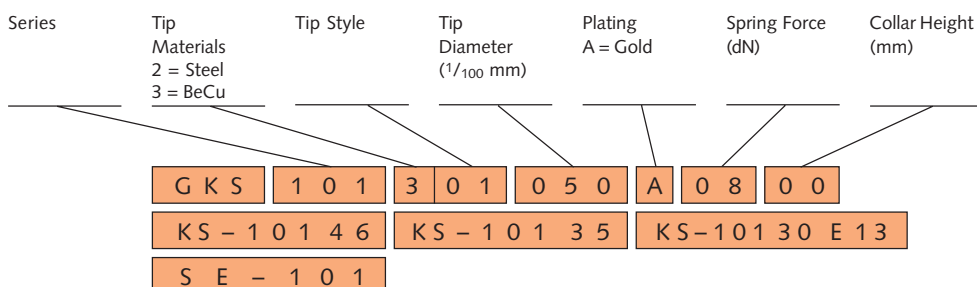
Materials

Plunger: BeCu or Steel, gold-plated
 Barrel: Nickel-Silver, gold-plated
 Spring: Steel, gold-plated, Stainless steel* (C)
 Receptacle: Brass or Nickel-Silver, gold-plated

Tools:

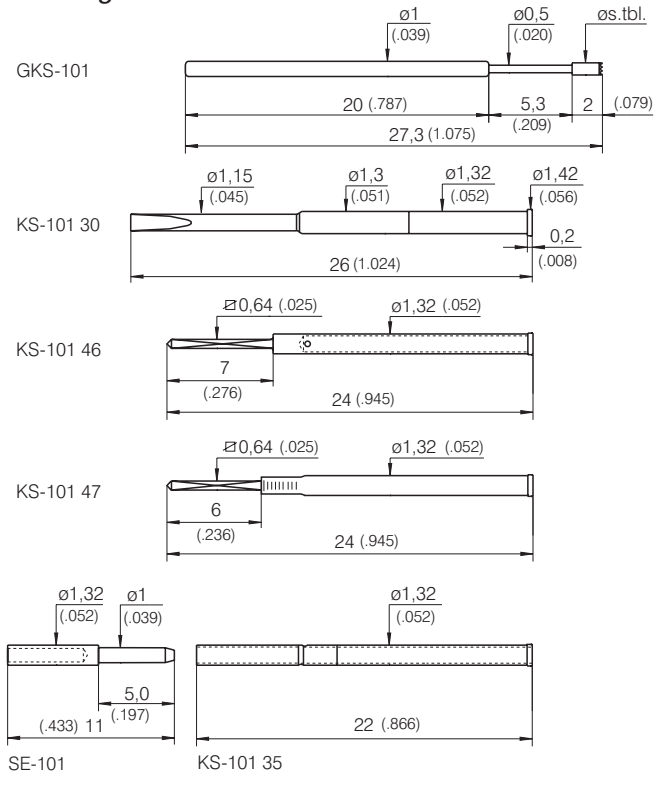
Insertion and Extraction Tools for GKS and KS > see Page 80.

Ordering Example:



Test Probe:
 Receptacles:
 Plug:

Mounting and Functional Dimensions

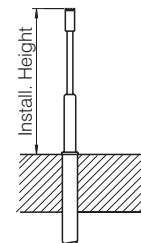


Mechanical Data

Working Stroke: 4,0 mm (.157)
 Maximum Stroke: 5,3 mm (.209)
 Spring Force at Working Stroke: 0,8 N (2.9 oz)
 alternative: 0,5 N (1.8 oz); 1,5 N (5.4 oz)
 Test Point Size: ≥ Ø 1,0 mm (.039)

Collar Height and Installation Height

The Installation Height of the Test Probe is determined by the Collar Height of the Receptacle.



Designation Installation Height

KS-101 30 / 35 / 46 12,5 mm (.492)
 KS-101 xx E13 14,0 mm (.551)
 further Installation Heights on request

Electrical Data

Current Rating: 3-4 A
 R_i typical: < 20 mΩ (* >100 mΩ)

Operating Temperature

Standard: -40° up to +80° C
 * With special Designation "C": -100° up to +200° C (0,8 N)

Mounting Hole Size

in CEM 1 and FR 4: Ø 1,31-1,32 mm (.0516 - .0520)