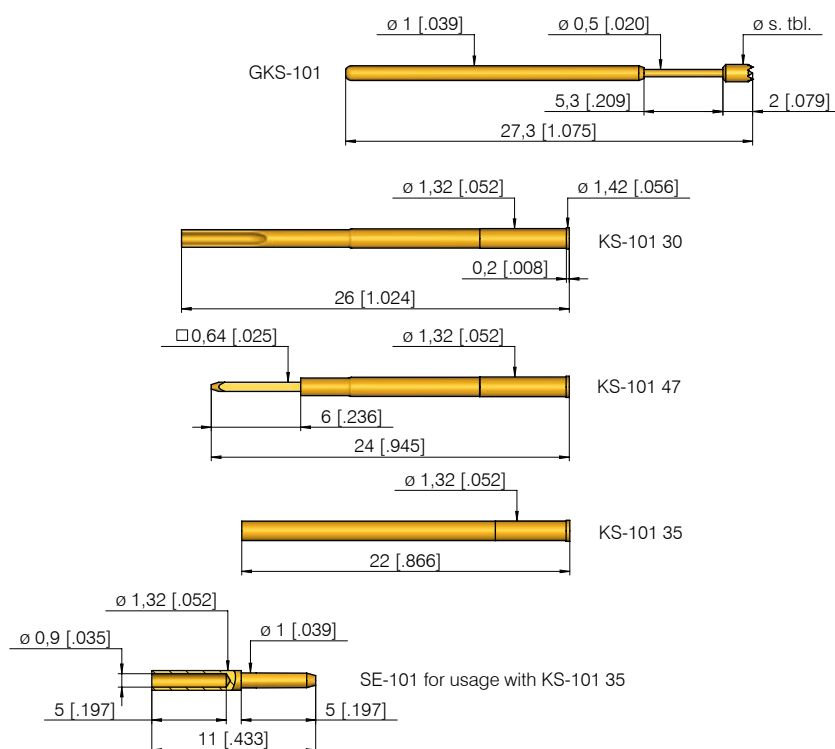


Grid:
≥ 1,91 mm
≥ 75 Mil

Installation height with KS: 12,5 / 14,0 mm (.492 / .551)

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions



Available tip styles

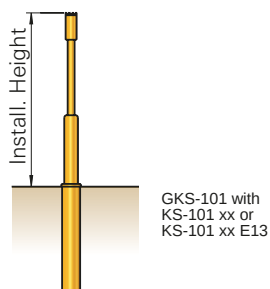
Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3 01		A	Ø 0,50 (.020)	
3 02		A	Ø 1,15 (.045)	0,50 (.020)
3 03		A	Ø 1,15 (.045)	1,50 (.059)
3 04		A	Ø 1,15 (.045)	
3 05		A	Ø 1,15 (.045)	
3 06		A	Ø 1,15 (.045)	1,50 (.059)
3 07		A	Ø 1,30 (.051)	
3 08		A	Ø 1,15 (.045)	
3 14		A	Ø 1,30 (.051)	
2 24 **		A	Ø 1,15 (.045)	
3 51		A	Ø 0,50 (.020)	

** higher middle tip plus 0,5 mm

Collar height an installation height

The installation height of the test probe is determined by the collar height of the receptacle (KS).

Designation	Install. height with KS
KS-101 30/35/47	12,5 mm (.492)
KS-101 xx E13	14,0 mm (.551)
Further installation heights on request.	



Mechanical data

Working stroke: 4,0 mm (.157)
Maximum stroke: 5,3 mm (.209)
Spring force at work. stroke: 0,8 N (2.9oz)
Alternative: 0,5 N (1.8oz); 1,5 N (5.4oz)

Materials

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

Electrical data

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

Mounting hole size

in CEM1: Ø 1,29 - 1,31 mm (.0508 - .0516)
in FR4: Ø 1,30 - 1,32 mm (.0512 - .0520)

Operating temperature

Standard: -40° up to +80° C
* with spec. designation "C": -100° up to +200° (0,8 N)

Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)
Test probe:	G K S	1 0 1	3	0 1	0 5 0	A	0 8 0 0
Receptacles:	K S - 1 0 1 4 7	K S - 1 0 1 3 5	K S - 1 0 1 3 0 E 1 3				
Plug:	S E - 1 0 1						