

GKS 135

Long-stroke Test Probe for Dual-stage Fixtures

Grid:

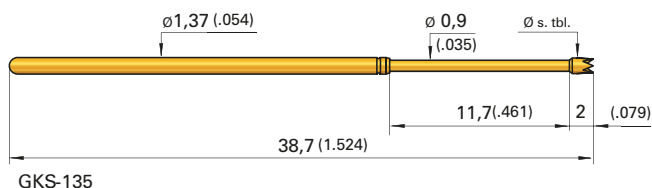
≥ 2,54 mm

≥ 100 Mil

Installation height with KS: 15,8 - 21,3 mm (.622 / .839) / variable

Recommended stroke: 9,3 mm (.366)

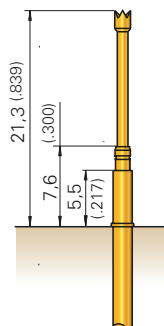
Mounting and functional dimensions



Collar height and 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-100 47 05	15,8 mm (.622)
KS-100 47 25	18,3 mm (.720)
KS-100 47 40	19,8 mm (.780)
KS-100 47 (G)	21,3 mm (.839) var.



Application example with KS - 100 47

Available tip styles

Material		Tip style	Plating	Further versions	
				Ø	Ø (inch)
2	01		Ø 0,90 (.035) A		
3	02		Ø 0,90 (.051) A		
3	03		Ø 1,30 (.035) A		
2	04		Ø 1,30 (.051) A		
3	06		Ø 1,30 (.051) A		
3	06		Ø 1,50 (.059) A		
3	07		Ø 1,50 (.059) A	2,50	(.098)
2	09*		Ø 0,50 (.020) N		
2	14		Ø 0,50 (.020) A		
2	14		Ø 1,30 (.051) A		
2	14		Ø 1,50 (.059) A		
2	25		Ø 1,30 (.051) A		
2	91		Ø 0,90 (.035) A		
2	97		Ø 0,90 (.035) A		

* installation height with KS-100 47: 23,3 mm (.917)
maximum stroke: 11,0 mm (.433)

Mechanical data

Working stroke: 9,3 mm (.366)
Maximum stroke: 11,5 mm (.453)
Spring force at work. stroke: 2,0 N (7.2oz)
Alternative: 1,5 N (5.4oz); 3,0 N (10.8oz)

Materials

Plunger: Steel or BeCu, gold- or nickel-plated
Barrel: Nickel-silver or Bronze, gold-plated
Spring: Steel, gold-plated

Note:

Receptacles in the series KS-100 (shown on page 29) are used for the GKS-135 test probes series.

Electrical data

Current rating: 5 - 8 A
R_i typical: < 30 mΩ

Mounting hole size

see GKS-100 series, shown on page 28

Operating temperature

Standard: -40° up to +80° C

Ordering example

Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold N = Nickel	Spring force (dN)	Collar height (mm)
G K S	1 3 5	2	0 4	1 3 0	A	2 0
K S - 1 0 0 4 7						

Test probe:

Receptacle: