

GKS 135

Long-stroke Test Probe for Dual-stage Fixtures

Grid:

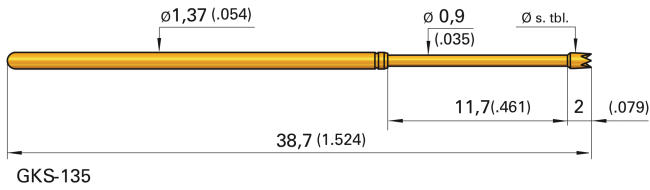
≥ 2,54 mm

≥ 100 Mil

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

Recommended stroke: 9,3 mm (.366)

Mounting and functional dimensions



Available tip styles

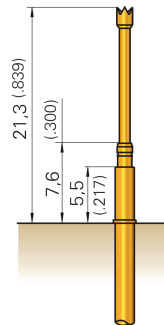
Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		A	∅ 0,90 (.035)	
3 02		A	∅ 0,90 (.051)	
3 03		A	∅ 1,30 (.035)	
2 04		A	∅ 1,30 (.051)	
3 06		A	∅ 1,30 (.051)	
3 06		A	∅ 1,50 (.059)	
3 07		A	∅ 1,50 (.059)	2,50 (.098)
2 09*		N	∅ 0,50 (.020)	
2 14		A	∅ 0,50 (.020)	
2 14		A	∅ 1,30 (.051)	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

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

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

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)
Test probe:	G K S	1 3 5	2	0 4	1 3 0	A 2 0 0 0
Receptacle:	K S - 1 0 0 4 7					