

GKS 854

Universal Test Probe with High Stability

Grid:

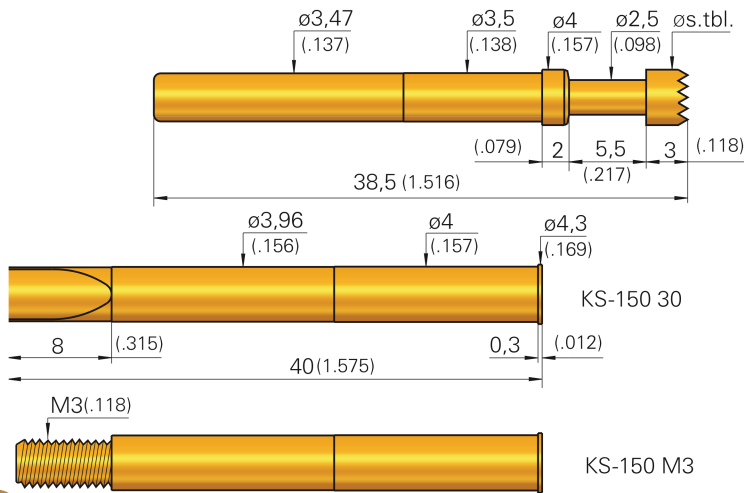
≥ 5,08 mm

≥ 200 Mil

Installation height with KS: 10,8 mm (.425)

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions



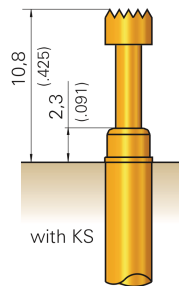
Available tip styles

Material		Tip style	Plating	Further versions	
				\varnothing	\varnothing (inch)
3	06		$\varnothing 4,00$ (.157)	A	
3	19		$\varnothing 4,00$ (.157)	A	

Collar height and installation height

The installation height of the tip (measured with the receptacle) is determined by the collar height. The test probe can only be used with a receptacle.

Collar height	Installation height (with receptacle)
02	10,8 mm



Mechanical data

Working stroke:	4,4 mm (.173)
Maximum stroke:	5,5 mm (.217)
Spring forces at work. str.:	3,0 N (10.8oz)
Alternative:	5,0 N (18.1oz)

Electrical data

Current rating:	10 - 12 A
R _i typical:	< 20 m Ω (* < 100 m Ω)

Operating temperature

Standard:	-40° up to +80° C
*with spec. design. "C":	-100° up to +200° C (5,0 N)

Materials

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

Mounting hole size

for KS-150 30 in CEM1 and FR4:	$\varnothing 3,98 - 3,99$ mm (.1567 - .1571)
for KS-150 M3-R in CEM1 and FR4:	$\varnothing 4,00 - 4,02$ mm (.1570 - .1580)

Note:

Screw-in version shown on page 132.

Ordering example

	Series	Tip material 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation "C"
Test probe:	G K S	8 5 4	3	1 9	4 0 0	A	3 0	0 2
Receptacles:	K S - 1 5 0 3 0	K S - 1 5 0 M 3 - R						