

# GKS 854

Universal Test Probe with High Stability

## Grid:

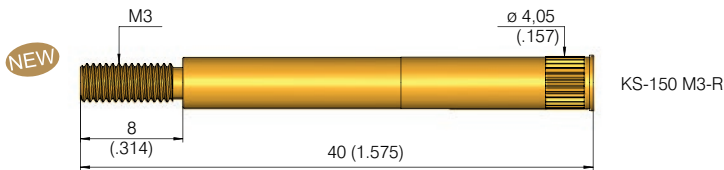
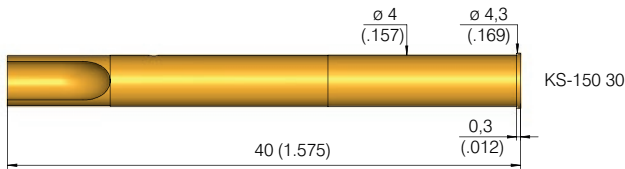
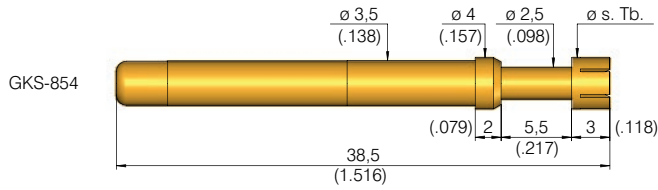
≥ 5,08 mm

≥ 200 Mil

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

Recommended stroke: 4,0 mm (.157)

## Mounting and functional dimensions

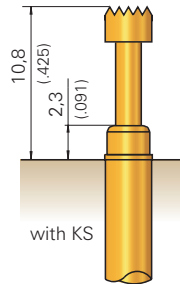


## Available tip styles

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

### 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<sub>i</sub> typical:** < 20 mΩ  
 (\* < 100 mΩ)

### 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:** ∅ 3,98 - 3,99 mm (.1567 - .1571)  
**for KS-150 M3-R in CEM1 and FR4:** ∅ 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"
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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