

# GKS 854 M

Screw-in Test Probe

**Grid:**

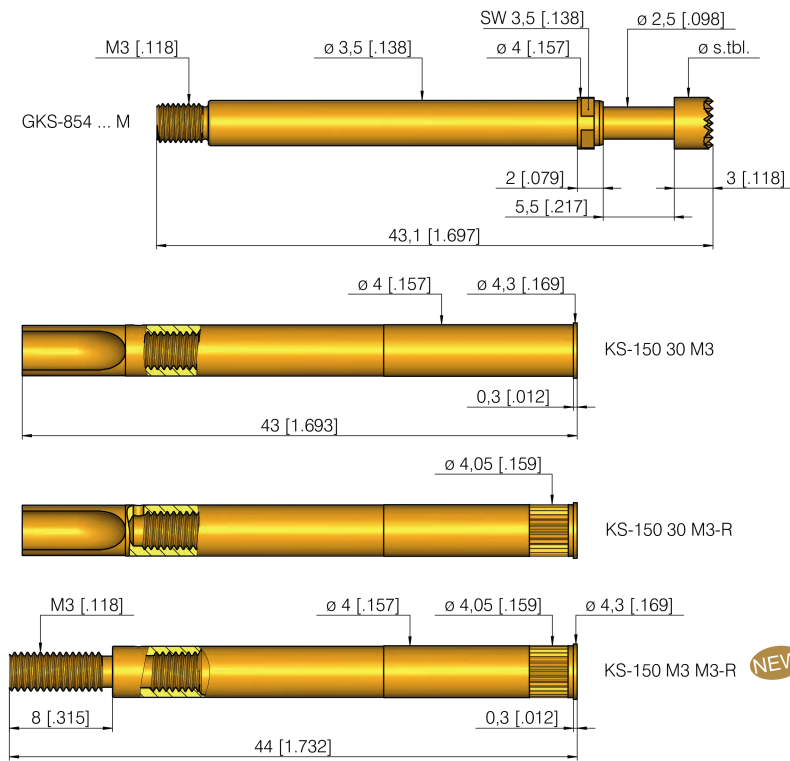
≥ 5,08 mm

≥ 200 Mil

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

Recommended stroke: 4,0 mm (.157)

## Mounting and functional dimensions



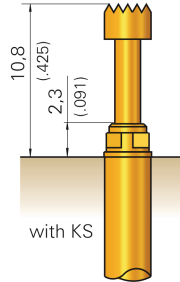
## Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3 19		A	∅ 4,00 (.157)	
3 06		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 (1,5; 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 M3 in CEM1 and FR4:** ∅ 3,99 mm (.1571)  
**for KS-150 30 M3-R + KS-150 M3 M3-R in CEM1 and FR4:** ∅ 4,00 - 4,02 mm (.1575 - .1583)

Recommended screw-in torque:  
 Min.: 10 cNm / Max.: 20 cNm

## 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 "M", "MC"
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Test probe:

G K S 8 5 4 3 1 9 4 0 0 A 3 0 0 2 M

Receptacles:

K S - 1 5 0 3 0 M 3    K S - 1 5 0 3 0 M 3 - R    K S - 1 5 0 M 3 M 3 - R