

# GKS 854 / 854 M

Screw-in Test Probe

**Grid:**

≥ 5,08 mm

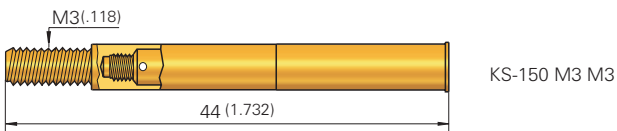
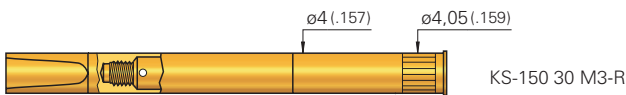
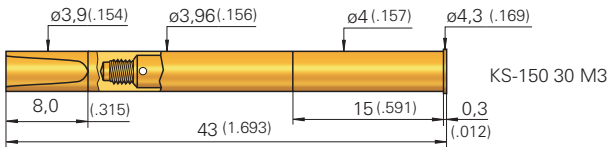
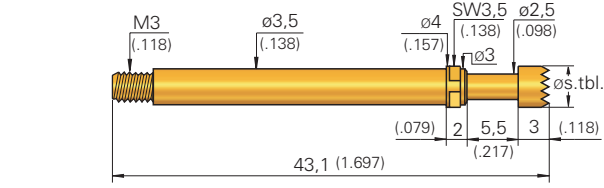
≥ 200 Mil

**Installation Height:** 10,8 mm (.425)

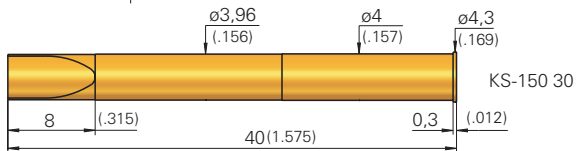
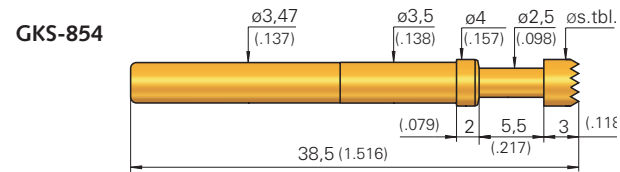
**Recommended Stroke:** 4,4 mm (.173)

## Mounting and Functional Dimensions

### GKS-854 ... M



### GKS-854



### Mechanical Data

**Working Stroke:** 4,4 mm (.173)  
**Maximum Stroke:** 5,5 mm (.217)  
**Spring Forces at Work. Str.:** 3,0N (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 and KS-150 M3 M3 in CEM 1 and FR 4:** ø 3,99 mm (.1571)  
**for KS-150 30 M3-R in CEM 1 and FR 4:** ø 4,00 - 4,02 mm (.1575 - .1583)  
**for KS-150 30 and KS-150 M3 in CEM 1 and FR 4:** ø 3,98 - 3,99 mm (.1567 - .1571)

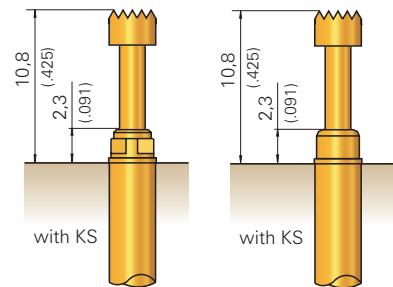
## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
3 19		A	ø 4,00 (.157)	
3 06		A	ø 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



### Note:

GKS-854 will be screwed into KS-150 ... M using special tools (see Page 170/171).

**Recommended Screw-in Torque:**  
 Min.: 10 Ncm / Max.: 20 Ncm

## Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Special Designation „C“, „M“, „MC“
	3 = BeCu			A = Gold			

Test Probe:

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

Receptacles for GKS-854 ... M:

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

Receptacles for GKS-854:

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