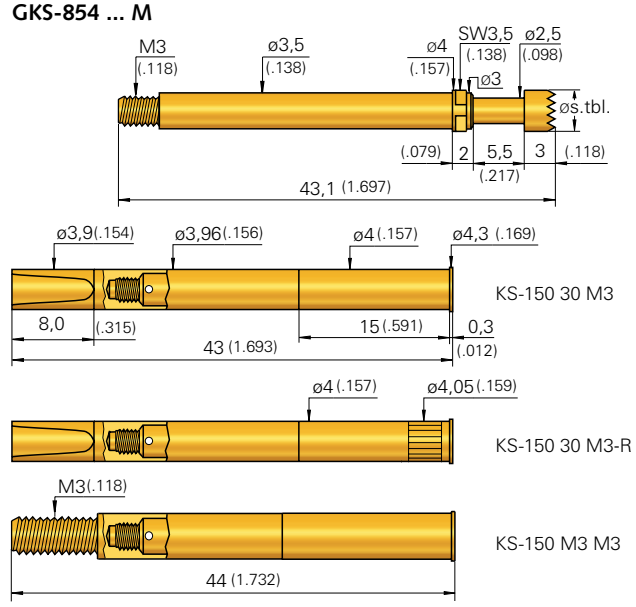
GKS 854 / 854 M

Screw-in Test Probe

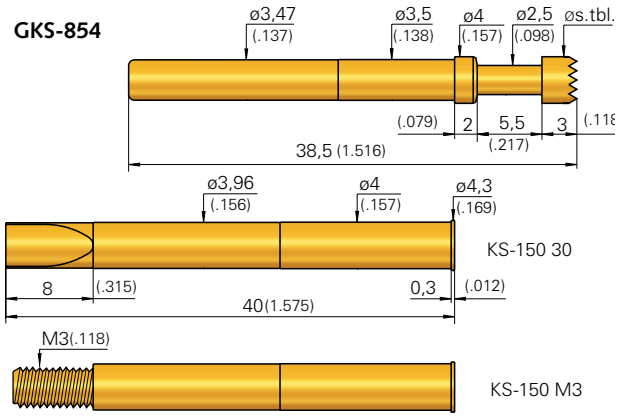
Grid:
≥ 5,08 mm
≥ 200 Mil
Installation Height: 10,8 mm (.425)
Recommended Stroke: 4,4 mm (.173)

Mounting and Functional Dimensions

GKS-854 ... M



GKS-854



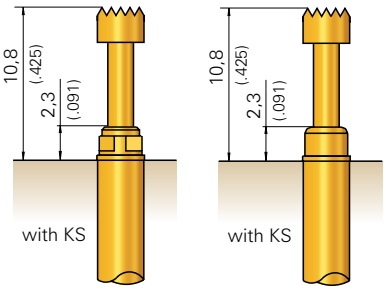
Available Tip Styles

Material	Tip Style		Plating	Further Versions ∅	Further Versions ∅ (inch)
3	19	∅ 4,00 (.157)	A		
3	06	∅ 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 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:	∅ 3,99 mm (.1571)
for KS-150 30 M3-R in CEM 1 and FR 4:	∅ 4,00 - 4,02 mm (.1575 - .1583)
for KS-150 30 and KS-150 M3 in CEM 1 and FR 4:	∅ 3,98 - 3,99 mm (.1567 - .1571)

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 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Special Designation „C“, „M“, „MC“
Test Probe:	GKS	854	3	19	400	A	30	02	
Receptacles for GKS-854 ... M:	KS-150 30 M3	KS-150 30 M3-R	KS-150 M3 M3					
Receptacles for GKS-854:	KS-150 30	KS-150 M3						