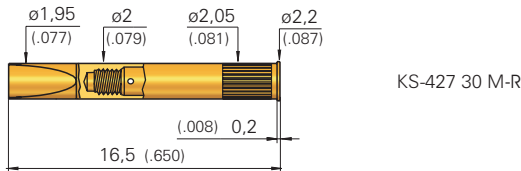
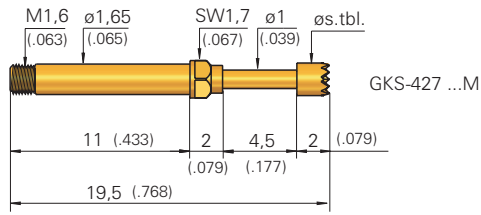


Grid:
 $\geq 2,54$ mm
 ≥ 100 Mil

Installation Height: 8,7 mm (.343)
 Recommended Stroke: 3,5 mm (.138)

Mounting and Functional Dimensions

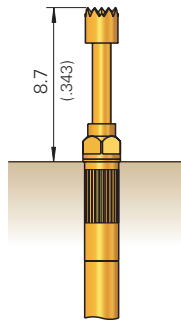
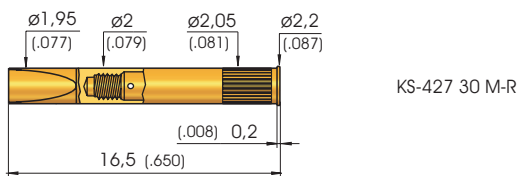
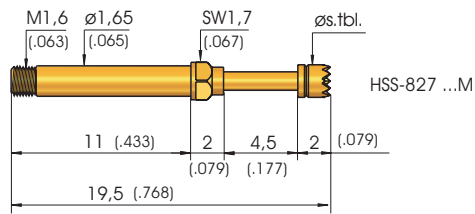
GKS-427 M



Available Tip Styles GKS 427 M

Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
2 01		A		
3 06		A		

HSS-827 M



Available Tip Styles HSS 827 M

Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
3 02		S		
3 06		A		

Collar Height and Installation Height

The Installation Height of the Tip is always 8,7 mm (.343). The Test Probe can only be used with a Receptacle.

Mechanical Data

Working Stroke: 3,5 mm (.138)
Maximum Stroke: 4,5 mm (.177)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 2,5 N (9.0oz)

Electrical Data **GKS 427 M**

Current Rating: 5 - 8 A
R_i typical: < 20 mΩ

Operating Temperature **GKS 427 M**

Standard: -40° up to +80° C
*** with Special Designation „MC“:**
 -100° up to +200° C
 2,5 N (9.0oz)

Mounting Hole Size

for KS-427 30 M-R
in CEM 1 and FR 4: Ø 2,00 - 2,02 mm
 (.0787 - .0795)

Materials

Plunger: Steel or BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Stainless Steel (*MC) or Steel, gold-plated
Receptacle: Brass, gold-plated

Electrical Data **HSS 827 M**

Current Rating: max. 16 A
R_i typical: < 10 mΩ

Operating Temperature **GKS 427 M**

Standard: -40° up to +80° C
*** with Special Designation „MC“:**
 -100° up to +200° C
 1,5 N (5.4oz); 2,5 N (9.0oz)

Note:

GKS-427 ... M will be screwed into KS-427 ... M-R using special tools, see Page 170/171.

Recommended Screw-in Torque:
 Min.: 3 Ncm / Max.: 5 Ncm

Ordering Example

Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold S = Silver	Spring Force (dN)	Collar Height (mm)	Type
--------	---------------------------------------	-----------	----------------------------	-----------------------------------	----------------------	-----------------------	------

Test Probe: **G K S 4 2 7 3 0 6 2 0 0 A 1 5 0 2 M**

Test Probe: **H S S 8 2 7 3 0 2 2 0 0 S 1 5 0 2 M**

Receptacle for GKS-427 ... M: **K S - 4 2 7 3 0 M - R**