

# GKS 075 M

Screw-in Test Probe

Grid:

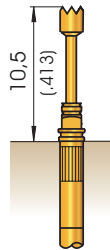
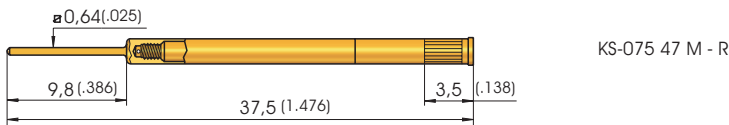
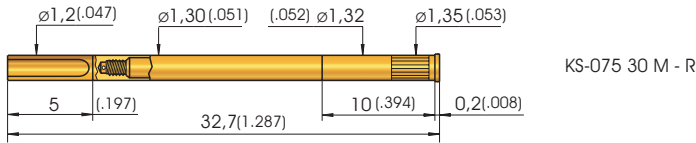
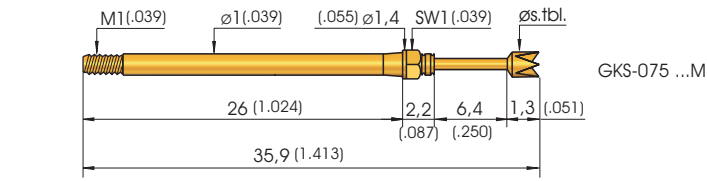
≥ 1,91 mm

≥ 75 Mil

Installation Height: 10,5 mm (.413)

Recommended Stroke: 4,3 mm (.169)

## Mounting and Functional Dimensions



### Collar Height and Installation Height

The Installation Height of the Tip is 10,5 mm (.413). The Test Probe can only be used with a Receptacle.

### Mechanical Data

**Working Stroke:** 4,3 mm (.169)

**Maximum Stroke:** 6,35 mm (.250)

**Spring Force at Work. Stroke:** 2,0 N (7.2oz)

**alternative:** 0,6 N (2.2oz); 1,0 N (3.6oz); 1,5 N (5.4oz); 2,8 N (10.1oz)

### Electrical Data

**Current Rating:** 3 - 4 A

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

### Operating Temperature

**Standard:** -40° up to +80° C

**\*\*with Spec. Desig. "MC":** -100° up to +200° C (2,0 N; 2,8 N)

**Note:**  
GKS-075 ... M will be screwed into KS-075 ... M using special tools, see Page 170/171.

**Recommended Screw-in Torque:**  
Min.: 0,5 Ncm / Max.: 1 Ncm

### Materials

**Plunger:** BeCu or Steel, gold-plated

**Barrel:** Brass, gold-plated

**Spring:** Steel, gold-plated or Stainless Steel  
\*\* (MC)

## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
0 06*		A		
2 01		A		
3 03		A		
2 04		A		
3 05		A		
3 05		A		
3 06		A	1,20 (.047)	
2 07		A	1,00 (.039)	1,20 (.047)
2 09		A		
3 13		A		
2 14		A	0,64 (.025)	0,80 (.031)
2 14		A	1,00 (.039)	
2 17		A		
2 24***		A		
2 25		A	1,30 (.051)	
2 31		A		
2 77		A		
2 91		A		
2 97		A	0,80 (.031)	
2 98		A		

\* Tip Height: 2,8 mm (.110), Total Length GKS 1,5 mm (.059) longer than Standard

Further Tip Styles see GKS-075, Page 26/27

\*\*\* higher middle tip plus 0,2 mm

### Mounting Hole Size

**in CEM 1 and FR 4:** ∅ 1,32 - 1,34 mm (.0520 - .0528)

## Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Special Designation alternative "MC"
	2 = Steel 3 = BeCu			A = Gold			

Test Probe:

G K S 0 7 5 2 0 1 0 6 4 A 1 5 0 2 M

Receptacles for GKS-075 ... M:

K S - 0 7 5 3 0 M - R    K S - 0 7 5 4 7 M - R