

# GKS 075 M

Screw-in Test Probe

**Grid:**

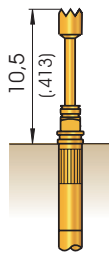
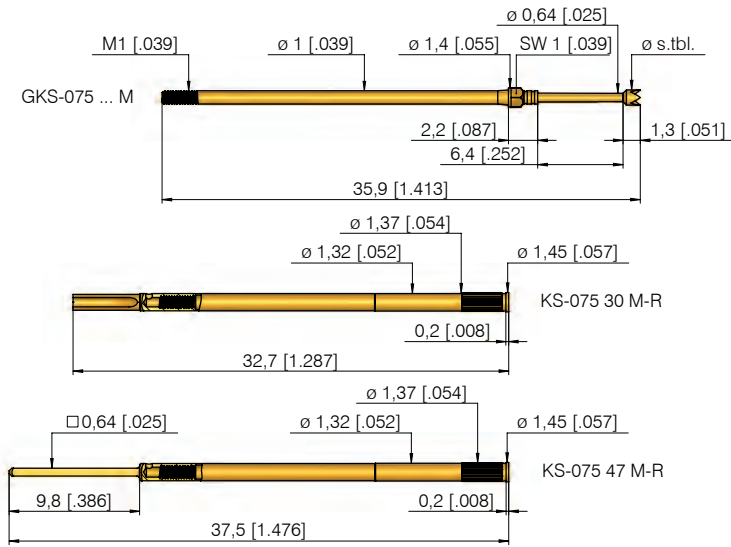
≥ 1,91 mm

≥ 75 Mil

**Installation height with KS:** 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)

### Materials

**Plunger:** BeCu or steel, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Steel, gold-plated or stainless steel  
 \*\* (MC)

### Mounting hole size

**in CEM1 and FR4:** ø 1,32 - 1,34 mm (.0520 - .0528)

**Recommended screw-in torque:**  
 Min.: 0,5 cNm / Max.: 1 cNm

## Available tip styles

Material	Tip style	Plating	Further versions	
			ø	ø (inch)
0 06*		A		
2 01		A		
3 02		A		
3 03		A		
2 04		A		
3 05		A		
3 05		A		
3 06		A	1,20	(.047)
2 07		A	1,00 1,20	(.039) (.047)
2 09		A		
3 13		A		
2 14		A	0,64 0,80 1,00	(.025) (.031) (.039)
2 17		A		
3 19		A	1,50	(.059)
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, shown on page 26/27  
 \*\*\* higher middle tip plus 0,2 mm

## Ordering example

Series	Tip material	Tip style	Tip diameter	Plating	Spring force	Collar height	Special designation alternative
	2 = Steel 3 = BeCu		(1/100 mm)	A = Gold	(dN)	(mm)	"MC"
Test probe:	G K S	0 7 5	2 0 1	0 6 4	A	1 5	0 2 M
Receptacles:	K S - 0 7 5 3 0 M - R		K S - 0 7 5 4 7 M - R				