

GKS 075 M

Screw-in Test Probe

Grid:

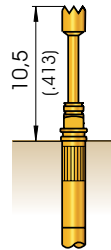
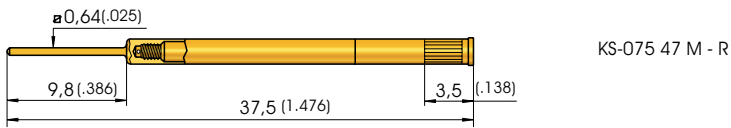
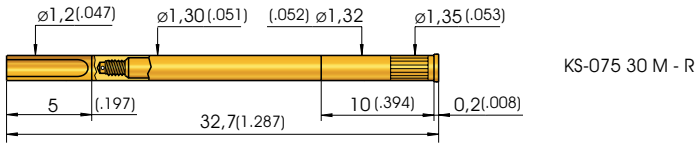
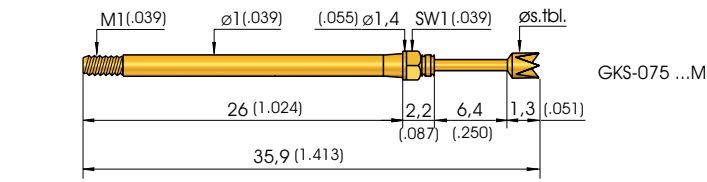
≥ 1,91 mm

≥ 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_j 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 CEM 1 and FR 4: ø 1,32 - 1,34 mm (.0520 - .0528)

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

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
0 06*		A	ø 1,30 (.051)	
2 01		A	ø 0,64 (.025)	
NEW 3 02		A	ø 0,90 (.040)	
3 03		A	ø 1,20 (.047)	
2 04		A	ø 1,15 (.045)	
3 05		A	ø 0,50 (.020)	
3 05		A	ø 0,64 (.025)	
3 06		A	ø 1,00 (.039)	1,20 (.047)
2 07		A	ø 0,64 (.025)	1,00 (.039) 1,20 (.047)
2 09		A	ø 0,64 (.025)	
3 13		A	ø 0,61 (.024)	
2 14		A	ø 0,50 (.020)	0,64 (.025) 0,80 (.031) 1,00 (.039)
2 17		A	ø 1,20 (.047)	
2 24***		A	ø 1,30 (.051)	
2 25		A	ø 1,20 (.047)	1,30 (.051)
2 31		A	ø 0,64 (.025)	
2 77		A	ø 0,64 (.025)	
2 91		A	ø 0,64 (.025)	
2 97		A	ø 0,64 (.025)	0,80 (.031)
2 98		A	ø 0,64 (.025)	

* 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

Ordering Example

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

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