

# GKS 075

ICT-/FCT Test Probe

**Grid:**

≥ 1,91 mm

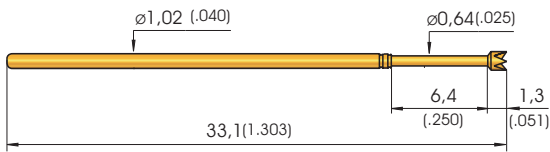
≥ 75 Mil

**Installation Height:** 10,5/13,0/16,0 mm (.413/ .512/ .630)

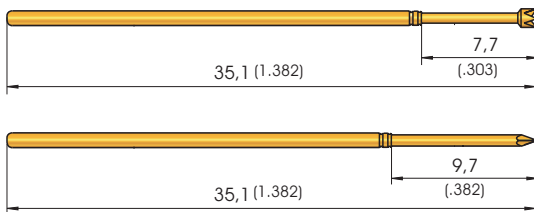
**Recommended Stroke:** 4,3 mm (.169)

## Mounting and Functional Dimensions

### GKS-075



### GKS-075 L



L-Version: by GKS-075 291 064 ... longer Plungers are used, by all other Tip Styles longer Barrels are used.

#### 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)

#### Operating Temperature

**Standard:** -40° up to +80° C  
**\*\*with Special Designation "C":** -100° up to +200° C (2,0 N; 2,8 N)

C-Versions only available for GKS-075 with total length 33,1 mm (1.303).

#### Materials

**Plunger:** BeCu or Steel, gold-plated  
**Barrel:** Nickel-Silver or Bronze, gold-plated  
**Spring:** Steel, gold-plated or Stainless Steel\*\* (C)

#### Elektrical Data

**Current Rating:** 3 - 4 A  
**R<sub>i</sub> typical:** < 20 mΩ (\*\* > 100 mΩ)

#### Note:

Screw-in version see on page 128.

## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (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		
2 14		A	0,80 1,00	(.031) (.039)
2 17		A		
2 24 ***		A		
2 25		A	1,30	(.051)

\* Tip Height: 2,8 mm (.110)  
 Total Length 1,5 mm (.059) longer than Standard  
 \*\*\* higher middle tip plus 0,2 mm

For checking the Stroke of a Test Fixture, we recommend the usage of Stroke Measurement Probes (see page 112).

**Tools:**  
 Insertion and Extraction Tools for GKS and KS see Page 118.

## Ordering Example

	Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Special Designation ("C", "L", "LC")
Test Probe with total Length 33,1 mm (1.303):	G K S	0	7 5	2 9 1	0 6 4	A	2 0	0 0
Test Probe with total Length 35,1 mm (1.382):	G K S	0	7 5	2 9 1	0 6 4	A	1 5	0 0 L