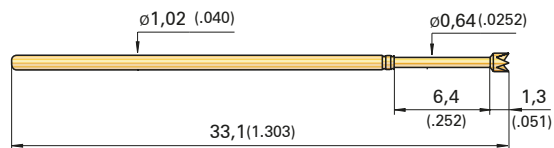


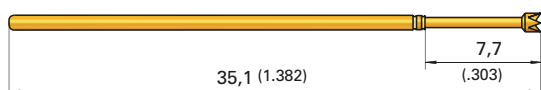
## Mounting and functional dimensions

GKS-075



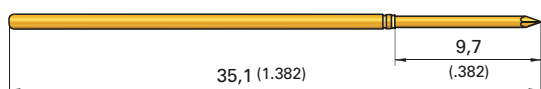
GKS-075 ... LH

(Long version with longer barrel.)

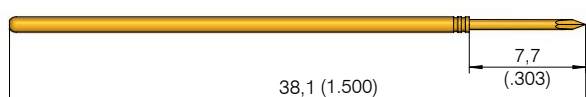


GKS-075 ... LP

(Long version with longer plunger. See "available tip styles".)



GKS-075 ... E



## 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       |                  |          |
| 2 07     |           | A       | 1,20             | (.047)   |
| 2 09     |           | A       |                  |          |
| 3 13     |           | A       |                  |          |
| 2 14     |           | A       |                  |          |
| 2 14     |           | A       |                  |          |
| 2 14     |           | A       | 1,00             | (.039)   |
| 2 17     |           | A       |                  |          |

\* tip height; 2,8 mm (.110)  
total length 1,5 mm (.059) longer than standard

INGUN recommend using stroke measurement probes (shown on page 192) to check the working stroke of a test fixture.

**Note:**  
Screw-in versions shown on page 122.

### 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 (only for GKS-075/075 LH/**

**LPv ):**

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)

### Electrical Data

**Current rating:** 3 - 4 A

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

## Ordering example

Ordering example

| Series                                        | Tip material<br>0 = Delrin<br>2 = Steel<br>3 = BeCu | Tip style | Tip diameter<br>(1/100 mm) | Plating<br>A = Gold | Spring force<br>(dN) | Collar height<br>(mm) | Special designation<br>( "C"; "LH";<br>"LP"; "E") |    |
|-----------------------------------------------|-----------------------------------------------------|-----------|----------------------------|---------------------|----------------------|-----------------------|---------------------------------------------------|----|
| 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                                               | LP |
| Test probe with total length 38,1 mm (1.500): | G K S                                               | 0 7 5     | 2   9 1                    | 0 6 4               | A                    | 2 0                   | 0 0                                               | E  |