

GKS 412

Long-stroke Test Probe for Dual-stage Fixture

Grid:

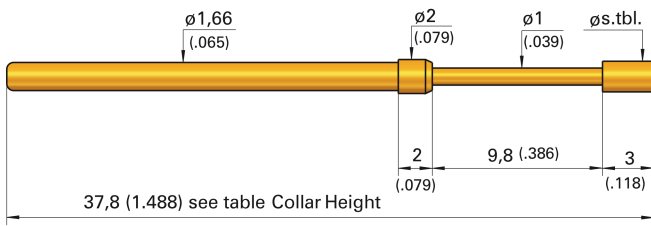
≥ 2,54 mm

≥ 100 Mil

Installation height with KS: 15,0 - 30,8 mm (.591 - 1.213) / variable

Recommended stroke: 8,0 mm (.315)

Mounting and functional dimensions

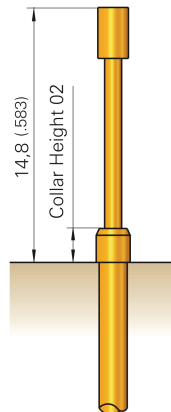


Collar height and installation height

Test probes with alternative collar heights are available to adjust the installation height of the tip (dimension without receptacle).

| Collar height | Total length | Installation height without KS |
|---------------|-----------------|--------------------------------|
| 02 | 37,8 mm (1.488) | 14,8 mm (.583) |
| 03 | 37,8 mm (1.488) | 15,8 mm (.622) |
| 05 | 40,2 mm (1.583) | 17,8 mm (.701) |
| 07 | 41,8 mm (1.646) | 19,8 mm (.780) |
| 10 | 44,8 mm (1.764) | 22,8 mm (.898) |

(* Tip style 00x: install. height is 0,8 mm (.315) higher)



Available tip styles

| Material | Tip style | Plating | Further versions | |
|----------|-----------|---------|------------------|---------------|
| | | | ∅ | ∅ (inch) |
| 2 | 01 | R | ∅ 1,00 (.039) | |
| 3 | 03 | A | ∅ 1,80 (.071) | 2,00 A (.079) |
| 0 | 03* | A | ∅ 2,30 (.091) | |
| 2 | 04 | R | ∅ 1,30 (.051) | |
| 2 | 06 | R | ∅ 1,30 (.051) | 2,00 R (.079) |
| 3 | 07 | R | ∅ 1,30 (.051) | |
| 2 | 09** | N | ∅ 0,70 (.028) | |
| 2 | 14 | A | ∅ 1,30 (.051) | |
| 2 | 17 | A | ∅ 2,00 (.079) | |
| 2 | 24 | R | ∅ 2,00 (.079) | |
| 2 | 25 | R | ∅ 1,50 (.059) | |
| 2 | 88 | A | ∅ 1,80 (.071) | |
| 2 | 91 | A | ∅ 1,30 (.051) | |

* 0,8mm (.315) longer than standard

** pressed-in steel tip in base plunger made of brass

Mechanical data

Working stroke: 8,0 mm (.315)
Maximum stroke: 9,8 mm (.386)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,6 N (2.2oz); 3,0 N (10.8oz); 5,0 N (18.1oz)

Materials

Plunger: BeCu or steel, gold-plated, rhodium- or chemically nickel-plated
Barrel: Brass or Nickel-silver, gold-plated
Spring: Steel, gold-plated

Note:

Receptacles in the KS-112 series (shown on page 60) are used for the GKS-412 test probes series.

Electrical data

Current rating: 5 - 8 A
R_i typical: < 20 mΩ

Operating temperature

Standard: -40° up to +80° C

Ordering example

