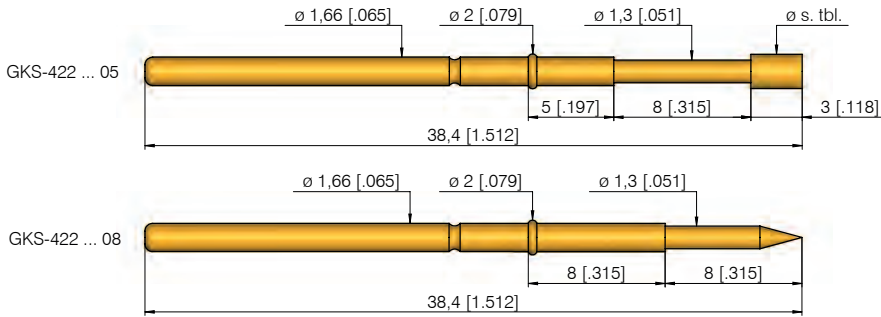


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil

Installation height with KS: 16,2 - 24,0 mm (.638 - .945) / variable
Recommended stroke: 6,4 mm (.252)

Mounting and functional dimensions

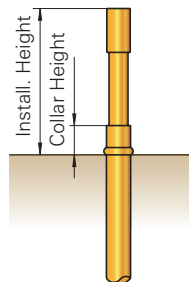


Collar height and installation height

Test probes with tip- $\varnothing > 1.3$ mm generally have a collar height of 5 mm (collar height 05).

A collar height of 8 mm (collar height 08) is recommended to provide more stability for test probes with tip- $\varnothing < 1.3$ mm.

| Collar height | Installation height without receptacle |
|---|--|
| 05 | 16 mm (.630) |
| 08 | 16 mm (.630) |
| (** Tip styles 00x: install. height 16,8 mm (.661)) | |



Available tip styles

| Material | Tip style | Plating | Further versions | |
|----------|----------------|---------|----------------------------|----------------------|
| | | | \varnothing | \varnothing (inch) |
| 2 | 01 | A | 1,30 R | (.051) |
| 3 | 02 | A | | |
| 2 | 04 | A | | |
| 3 | 05 | A | 0,70 | (.028) |
| 0 | 06 ** | A | | |
| 3 | 06 | A | 1,30 1,60 | (.051) (.063) |
| 3 | 07 | A | | |
| 2 | 09 *** | N | 0,80 A/G 0,60 A/N | (.031) (.024) |
| 2 | 14 | A | 0,60 2,00 | (.024) (.079) |
| 2 | 17 | A | | |
| 2 | 24 ** ** | A | | |
| 2 | 33 | N | 1,30 A | (.051) |
| 2 | 91 | N | 0,80 N 1,30 A/G | (.031) (.051) |
| 2 | 93 | A | | |

** also available as tip style 0 02
 *** pressed-in steel tip in base plunger made of brass
 **** higher middle tip plus 0,5 mm

Mechanical data

Working stroke: 6,4 mm (.252)
Maximum stroke: 8,0 mm (.315)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,8 N (2.9oz); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1oz)

Materials

Plunger: BeCu or steel, gold-plated rhodium- or chemically nickel-plated
Barrel: Bronze, gold-plated
Spring: Steel, gold-plated or stainless steel* (C)

Electrical data

Current rating: 5 - 8 A
R_j typical: < 20 m Ω (* < 100 m Ω)

Operating temperature

Standard: -40° up to +80° C
***with spec. designation "C":** -100° up to +200° C (1,5 N; 3,0 N)

Note:

Receptacles in the KS-112 series (shown on page 60) are used for the GKS-422 test probes series.

Ordering example

| Series | Tip material | Tip style | Tip diameter (1/100 mm) | Plating | Spring force (dN) | Collar height | Special designation ("C") |
|--------|-------------------------------------|-----------|-------------------------|--|-------------------|---|---------------------------|
| | 0 = Delrin 2 = Steel 3 = BeCu | | | A = Gold G = Aurum N = Nickel R = Rhodium | | 05 for tip- $\varnothing > 1,3$ mm 08 recomm. for tip- $\varnothing \leq 1,3$ mm | |

Test probe: (05 tip- $\varnothing > 1,3$ mm)

G K S 4 2 2 3 0 6 2 0 0 A 1 5 0 5

Test probe: (08 recomm. for tip- $\varnothing \leq 1,3$ mm)

G K S 4 2 2 2 0 1 1 3 0 A 1 5 0 8

Receptacle:

K S - 1 1 2 4 7