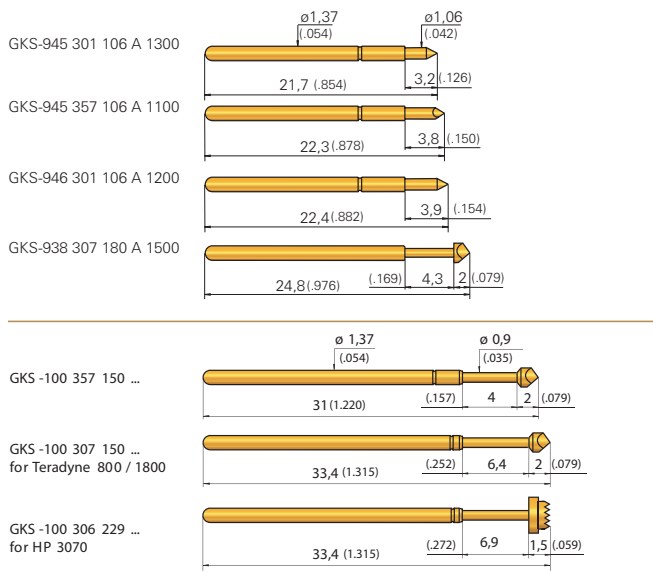


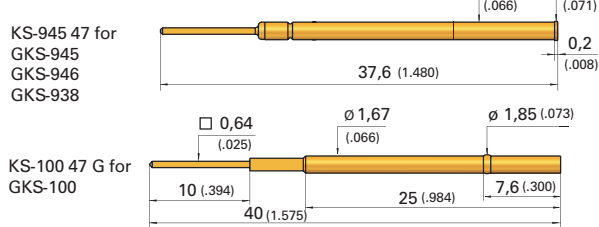
Test Probes for Interfaces

from INGUN, GenRad, Pylon, R & S, Teststation, Teradyne and Keysight (Agilent/HP 3070)

Mounting and functional dimensions



Receptacles



Mechanical data

| Type | Working stroke mm (inches) | Max. stroke mm (inches) | Spring force at working stroke N (oz) | Installation height with KS mm (inches) |
|---------|----------------------------|-------------------------|---------------------------------------|---|
| 945 301 | 2,1 (.083) | 3,2 (.126) | 1,3 N (4.7oz) | 3,7 (.146) * |
| 945 357 | 2,6 (.102) | 3,2 (.126) | 1,1 N (4.0oz) | 4,3 (.169) * |
| 946 301 | 3,2 (.126) | 3,9 (.154) | 1,2 N (4.3oz) | 4,4 (.173) * |
| 938 307 | 3,6 (.142) | 4,3 (.169) | 1,5 N (5.4oz) | 6,8 (.268) * |
| 100 357 | 3,0 (.118) | 4,0 (.157) | 1,2 (Ord.-No.=10) | 13,6 (.535) / variable ** |
| 100 ... | 4,3 (.169) | 6,35 (.250) | 1,0/2,0/2,25/3,0 | 16,0 (.630) / variable ** |

*with KS-945 47 ** with KS-100 47 G

Mounting hole size ***

for KS-945 47:
- in CEM1 using collar $\phi 1,68 - 1,69$ mm (.0661 - .0665)

for KS-100 47 G:
- press ring inserted
in CEM1: $\phi 1,71 - 1,73$ mm (.0673 - .0681)
in FR4: $\phi 1,70 - 1,72$ mm (.0669 - .0677)

Electrical data

Current rating: 4 - 5 A
R_i typical: 20 m Ω

Materials

Plunger: BeCu , gold-plated
Barrel: Nickel-silver or Bronze, gold-plated
Spring: Steel, gold-plated

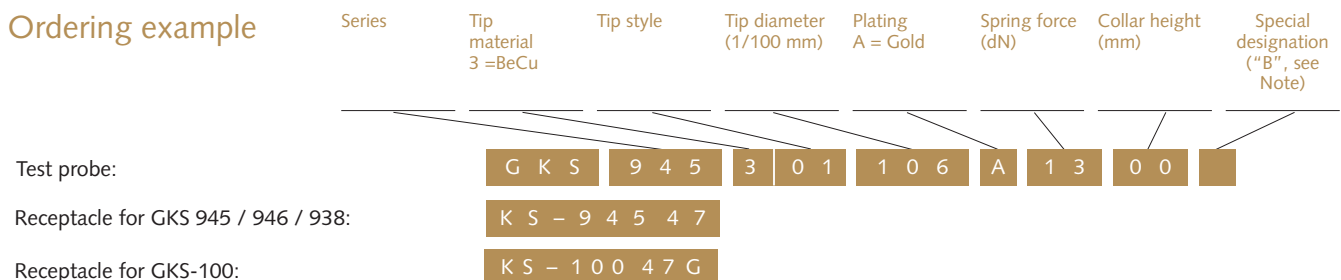
Collar height and installation height

The installation height is variable, depending on position of the press ring.

Operating temperature

Standard: -40° up to +80 °C

Ordering example



| GKS-945 / 946 for GenRad/Pylon Augat/R&S-Interfaces | | | | |
|--|-----------|---------|--------------------|---------------|
| Material | Tip style | Plating | Further versions | |
| | | | ϕ | ϕ (inch) |
| 3 | 01 | A | $\phi 1,06$ (.042) | |
| 3 | 57 * | A | $\phi 1,06$ (.042) | |

* Available only for GKS-945

| GKS-938 | | | | |
|----------|-----------|---------|--------------------|---------------|
| Material | Tip style | Plating | Further versions | |
| | | | ϕ | ϕ (inch) |
| 3 | 07 | A | $\phi 1,80$ (.071) | |

| GKS-100 | | | | |
|----------|-----------|---------|--------------------|---------------|
| Material | Tip style | Plating | Further versions | |
| | | | ϕ | ϕ (inch) |
| 3 | 57 | A | $\phi 1,50$ (.059) | |

| GKS-100 for Teradyne 800/1800 Interface | | | | |
|--|-----------|---------|--------------------|---------------|
| Material | Tip style | Plating | Further versions | |
| | | | ϕ | ϕ (inch) |
| 3 | 07 | A | $\phi 1,50$ (.059) | |

| GKS-100 for Agilent/HP 3070 Interface | | | | |
|--|-----------|---------|--------------------|---------------|
| Material | Tip style | Plating | Further versions | |
| | | | ϕ | ϕ (inch) |
| 3 | 06 | A | $\phi 2,29$ (.090) | |

*** Services:

Customised contact blocks drilled according to customer demands (and which match certain INGUN receptacles) are available from INGUN.

Note:

To order test probes with bent barrel end, use special designation "B" (banana-shaped). Contacting terminals for various interfaces available upon request.