

GKS 854

Universal Test Probe with High Stability

Grid:

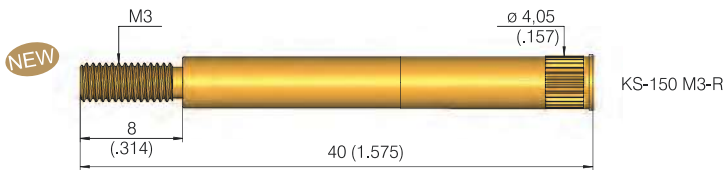
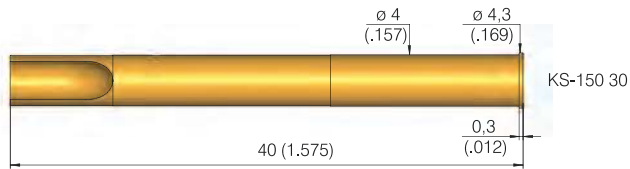
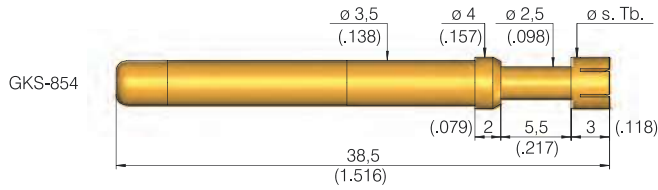
≥ 5,08 mm

≥ 200 Mil

Installation height with KS: 10,8 mm (.425)

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions



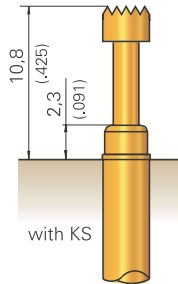
Available tip styles

| Material | Tip style | Plating | Further versions | |
|----------|-----------|---------|------------------|----------|
| | | | ∅ | ∅ (inch) |
| 3 06 | | A | ∅ 4,00 (.157) | |
| 3 19 | | A | ∅ 4,00 (.157) | |

Collar height and installation height

The installation height of the tip (measured with the receptacle) is determined by the collar height. The test probe can only be used with a receptacle.

| Collar height | Installation height (with receptacle) |
|---------------|---------------------------------------|
| 02 | 10,8 mm |



Mechanical data

Working stroke: 4,4 mm (.173)
Maximum stroke: 5,5 mm (.217)
Spring forces at work. str.: 3,0 N (10.8oz)
Alternative: 5,0 N (18.1oz)

Electrical data

Current rating: 10 - 12 A
R_i typical: < 20 mΩ
 (* < 100 mΩ)

Operating temperature

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

Materials

Plunger: BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated or stainless steel * (C)
Receptacle: Brass, gold-plated

Mounting hole size

for KS-150 30 in CEM1 and FR4: ∅ 3,98 - 3,99 mm (.1567 - .1571)
for KS-150 M3-R in CEM1 and FR4: ∅ 4,00 - 4,02 mm (.1570 - .1580)

Note:

Screw-in version shown on page 132.

Ordering example

| Series | Tip material 3 = BeCu | Tip style | Tip diameter (1/100 mm) | Plating A = Gold | Spring force (dN) | Collar height (mm) | Special designation "C" |
|--------|--------------------------|-----------|----------------------------|---------------------|----------------------|-----------------------|----------------------------|
|--------|--------------------------|-----------|----------------------------|---------------------|----------------------|-----------------------|----------------------------|

Test probe:

G K S 8 5 4 3 1 9 4 0 0 A 3 0 0 2

Receptacles:

K S - 1 5 0 3 0 K S - 1 5 0 M 3 - R