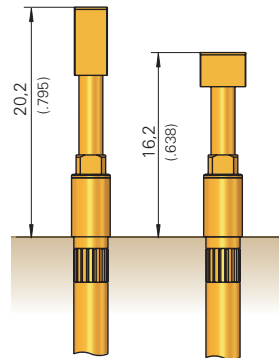
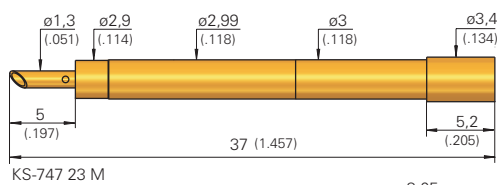
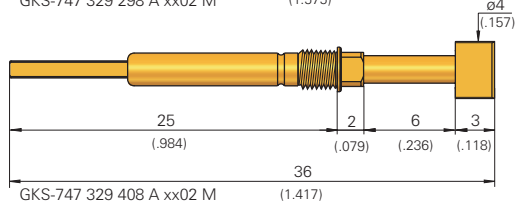
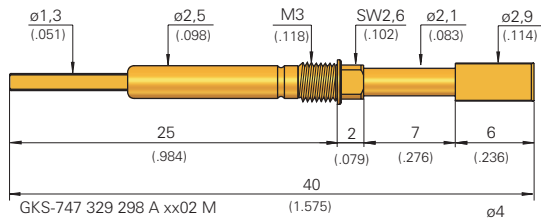


Grid:
 ≥ 4,50 mm
 ≥ 180 Mil

Installation Height: 16,2 / 20,2 mm (.638 / .795)
Recommended Stroke: 4,0 mm (.157)

Mounting and Functional Dimensions



Collar Height and Installation Height

The Installation Height at the Tip (Dimension without KS) is determined by the Collar Height and the Tip Length (see Table „Available Tip Styles“).

Mechanical Data

Working Stroke: 4,00 mm (.157)
Maximum Stroke: 5,0 mm (.197)
Spring Force at Work. Stroke: 1,5 N (5.4oz)

Electrical Data

Current Rating: 8 A
R_i typical: < 30 mΩ

Materials

Plunger: Steel or BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass, gold-plated

Mounting Hole Size

for KS-747 23 M
in CEM 1 and FR 4: ∅ 2,99 mm (.1177)
for KS-747 23 M-R
in CEM 1 and FR 4: ∅ 3,00 - 3,02 mm (.1181 - .1189)

Available Tip Styles

| Material | Tip Style | Plating | Install. Height with KS | |
|----------|-----------|---------|-------------------------|-----------------|
| | | | Collar Height | Install. Height |
| 3 | 29 | A | 02 | 20,2 (.795) |
| 3 | 29 | A | 02 | 16,2 (.638) |

Note:

When screwing the Test Probe into the Receptacle, the plunger will be secured against rotation. The flat surface at the end of the plunger fits into the slot at the end of the Receptacle.

The assembled unit is then vacuum-sealed and can therefore be used for leakage tests.

The flat surface on the Plunger Tip is in the same alignment as the flat surface on the rear end of the Plunger.

Note:

GKS 747 ... M will be screwed into KS-747 23 M (-R) using special tools (see Page 170/171).

Recommended Screw-in Torque:
 Min.: 10 Ncm / Max.: 20 Ncm

Ordering Example

| Series | Tip Material 3 = BeCu | Tip Style | Tip Diameter (1/100 mm) | Plating A = Gold | Spring Force (dN) | Collar Height (mm) | Type |
|-------------------|--------------------------|-----------------------|----------------------------|---------------------|----------------------|-----------------------|-------|
| G K S | 7 4 7 | 3 | 2 9 | 2 9 8 | A | 1 5 | 0 2 M |
| K S - 7 4 7 2 3 M | | K S - 7 4 7 2 3 M - R | | | | | |

Test Probe:

Receptacle: