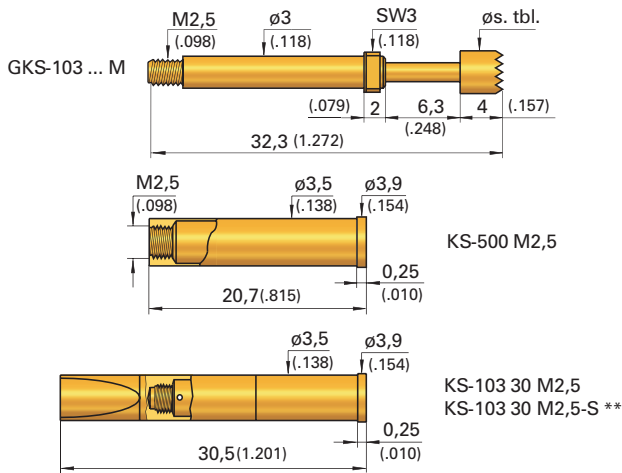


Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

Installation height with KS: 12,5 mm (.492)
Recommended stroke: 4,8 mm (.189)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		A	∅ 1,80 (.071)	
1 02		A	∅ 2,30 (.091)	4,00 (.157)
2 02		A	∅ 6,50 (.256)	
1 03		A	∅ 2,30 (.091)	4,00 (.157)
2 04		A	∅ 2,30 (.091)	4,00 (.157)
1 05		A	∅ 2,30 (.091)	4,00 (.157)
2 06		A	∅ 2,30 (.091)	4,00 (.157) 6,50 (.256) 9,00 (.354)

Collar height and installation height

The installation height of the tip is determined by the collar height.

Collar height	Installation height without receptacle
02	12,3 mm (.484)

Mechanical data

Working stroke: 4,8 mm (.189)
Maximum stroke: 6,0 mm (.236)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,8 N (2.9oz); 3,0 N (10.8oz), 5,0 N (18.1oz)

Electrical data

Current rating: 5 - 8 A
R_i typical: < 30 mΩ (* < 100 mΩ)

Operating temperature

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

Materials

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

Mounting hole size

with receptacle: ∅ 3,48 - 3,49 mm (.1370 - .1374)
without receptacle: ∅ 3,00 mm (.1181)

Note:

The receptacle can be used from grid size 4,50 mm (177 Mil) upwards.

** KS-103 30 M2,5-S:

The test probes is secured in the receptacle by means of a crimp.

Recommended screw-in torque:
 Min.: 10 cNm / Max.: 20 cNm

Ordering example

Series	Tip material 1 = Brass 2 = Steel	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Type alternative "M" "MC"
Test probe:	G K S	1 0 3	2 0 1	1 8 0	A	1 5	0 2 M
Receptacles:	K S - 1 0 3 3 0 M 2.5		K S - 1 0 3 3 0 M 2.5 - S		K S - 5 0 0 M 2.5		