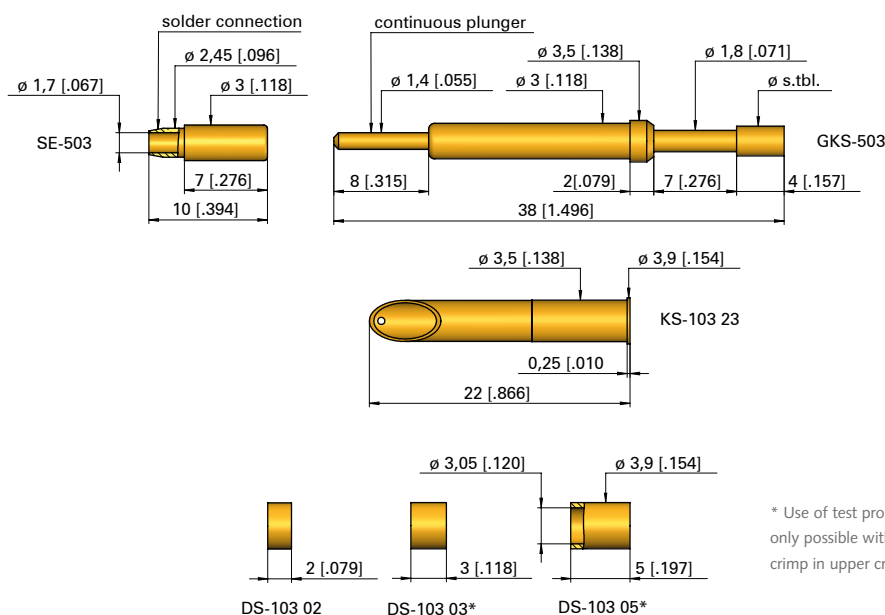


Grid:
 $\geq 4,00 \text{ mm}$
 $\geq 160 \text{ Mil}$

Installation height with KS: 13,2 mm (.520)
 Recommended stroke: 5,6 mm (.220)

Mounting and functional dimensions



Available tip styles

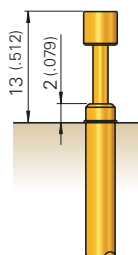
Material		Tip style	Plating	Further versions	
				Ø	Ø (inch)
2	01		R	Ø 1,80 (.071)	
3	03		A	Ø 4,00 (.157)	
3	04		R	Ø 4,00 (.157)	
2	05		R	Ø 1,80 (.071)	
3	06		R A	Ø 4,00 (.157)	3,00 R (.118)
2	06		R	Ø 1,80 (.071)	

* Use of test probe with DS-103 03 and DS-103 05 spacers only possible with KS-103 23-2 (receptacle with stronger crimp in upper crimp position)

Collar height and installation height

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

Collar height	Installation height without receptacles
02	13,0 mm (.512)



Mechanical data

Working stroke: 5,6 mm (.220)
 Maximum stroke: 7,0 mm (.276)
 Spring force at work. stroke: 1,5 N (5.4oz)
 Alternative: 3,0 N (10.8oz), 5,0 N** (18.1oz)

Materials

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

Note:

The receptacle can be used from grid size 4,50 mm (180 Mil) upwards.

Electrical data

Current rating, conn. to plunger: 12-15 A
 Current rating, connection to KS: 5 - 8 A
 R_i typical, connection to plunger: < 10 mΩ
 R_i typical, connection to KS: < 30 mΩ
 (** < 100 mΩ)

Mounting hole size

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

Operating temperature

Standard: -40° up to +80° C
 ** with 5,0 N spring: -100° up to +200° C

Note:

Screw-in version shown on page 130.

Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring force (dN)	Collar height (mm)
Test probe:	G K S	5 0 3	2 0 1	1 8 0	R	1 5	0 2
Receptacles:	K S - 1 0 3 2 3		K S - 1 0 0 2 3 - 2				
Spacers:	D S - 1 0 3 0 2		D S - 1 0 3 0 3			D S - 1 0 3 0 5	
Lamellar plug: (for plugging onto the end of the plunger)	S E - 5 0 3						