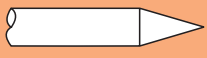




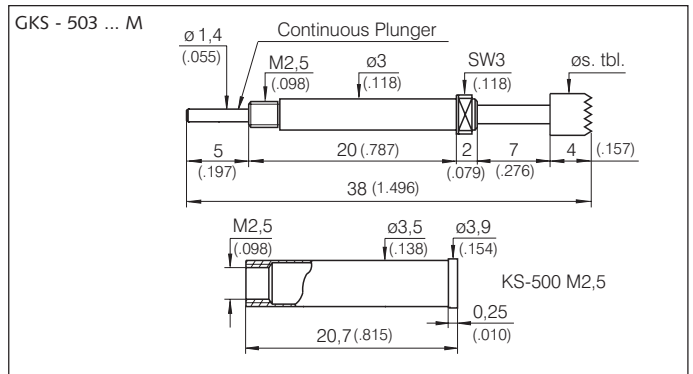
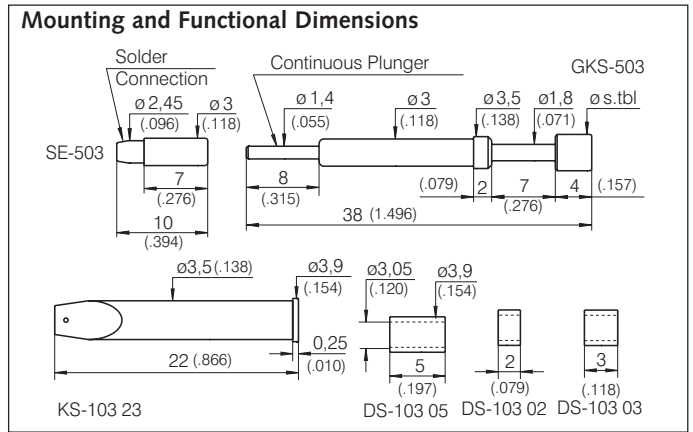


Test Probe with Continuous Plunger  
 Installation Height: 13,0 mm (.512)  
 Recommended Stroke: 5,6 mm (.220)

Grid:  
 ≈ 4,00 mm  
 ≈ 160 Mil

# GKS 503 / M

Available Tip Styles					
Material	Tip Style	Standard Plating	Special 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	Ø 4,00 (.157)	1,80 3,00	(.071) (.118)



### 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)

### Note:

The Receptacle can be used from Grid 4,50 mm (180 Mil) up.  
 \* Usage of Spacers is not possible with GKS-503 ... M.  
 \* Usage of the Test Probe with Spacers DS-103 03 and DS-103 05 is only possible with Receptacle KS-103 23 - 2 (i.e. Receptacle with stronger crimp in upper crimp position).

### Tools:

Insertion and Extraction Tools for GKS and KS > see Page 80.

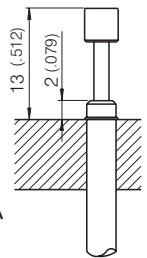
### GKS-503 ... M and KS-500 M2.5:

GKS-503 ... M will be screwed into Receptacle KS-500 M2.5 using special tools > see Page 103.  
 Recommended Screw-in Torque: Maximum 20 Ncm.

### Collar Height and Installation Height

The Installation Height of the Tip is determined by the Collar Height.

Collar Height	Installation Height (without KS)
02	13,0 mm (.512)



### Electrical Data

Current Rating: Connection to Plunger: 12-15 A  
 Connection to Receptacle: 5-8 A  
 R<sub>i</sub> typical: Connection to Plunger: < 10 mΩ  
 Connection to Receptacle: < 30 mΩ (\*\* >100 mΩ)

### Operating Temperature

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

### Mounting Hole Size

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

### Materials

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

### 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)	Type alternativ "M"
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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 - 5 0 0 M 2 . 5

Spacers\*:

D S - 1 0 3 0 2 \* D S - 1 0 3 0 3 \* D S - 1 0 3 0 5

Lamellar Plug:

S E - 5 0 3

(for plugging onto the end of the Plunger)

All specifications are subject to change without prior notification