

# GKS 714 / 098

Non-Rotating Test Probe

**Grid:**

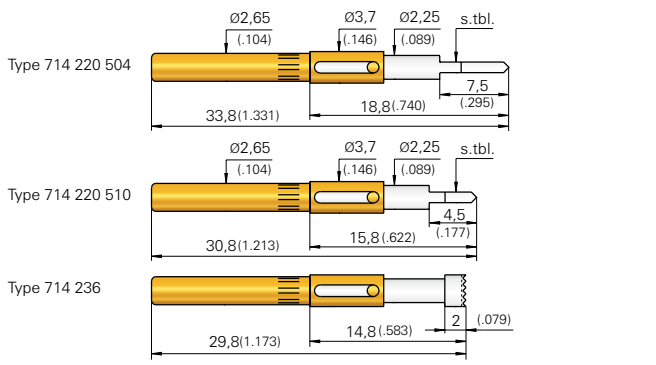
≥ 5,08 mm

≥ 200 Mil

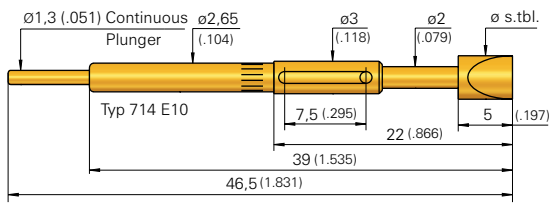
**Installation Height:** see below

**Recommended Stroke:** 4,0 / 6,0 mm (.157 / .236)

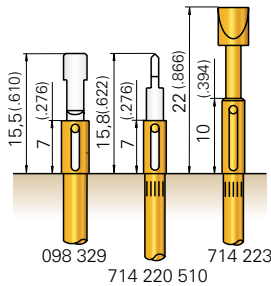
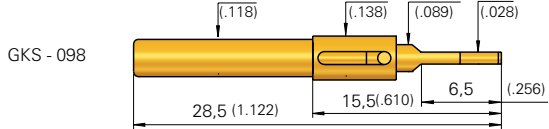
## Mounting and Functional Dimensions



### GKS-714 ... 10



### GKS-098 ... 07



### 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

**Spring Force at Work. Stroke:** 1,5 N (5.4oz)  
**alternativ:** 3,0 N (10.8oz); 5,0 N (18.1oz)

	714...07	714...10	098...07
<b>Working Stroke</b>	4,0 mm (.157)	6,0 mm (.236)	4,0 mm (.157)
<b>Maxim. Stroke</b>	5,0 mm (.197)	7,0 mm (.276)	5,0 mm (.197)

### Electrical Data

**Current Rating:** 8 - 10 A  
**R<sub>i</sub> typical:** < 30 mΩ

### Material

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

### Mounting Hole Size for GKS-714

**with Receptacle:** Ø 2,98 - 2,99 mm (.1173 - .1177)  
**without Receptacle:** Ø 2,66 mm (.1047)

### Mounting Hole Size for GKS-098

**with Receptacle:** Ø 3,48 - 3,49 mm (.1370 - .1374)

## Available Tip Styles

GKS-714 ... 07

Material	Tip Style	Plating	Install. and Functional Dim.	
			Collar Height	Install. Height
2 20		R	E 07	18,8 (.740)
2 20		R	E 07	15,8 (.622)
2 36		R	E 07	14,8 (.583)

## Available Tip Styles

GKS-714 ... 10

Material	Tip Style	Plating	Install. and Functional Dim.	
			Collar Height	Install. Height
2 22		A	E 10	22,0 (.866)
2 23		A	E 10	22,0 (.866)
2 23		A	E 10	22,0 (.866)

## Available Tip Styles

GKS-098 ... 07

Material	Tip Style	Plating	Install. and Functional Dim.	
			Collar Height	Install. Height
3 29		R	E 07	15,5 (.610)

### Note:

For the Test Probes series 714, the Receptacle of the series KS-714 23 are used (Dimension like KS-113 23, see Page 58). For the Test Probes of the series GKS-098, the Receptacles KS-103 23 are used (see Page 60).

### Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

## Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)
	2 = Steel 3 = BeCu			A = Gold R = Rhodium		

Test Probe:

G K S 7 1 4 2 2 0 5 0 4 R 1 5 0 7

Test Probe:

G K S 0 9 8 3 2 9 3 0 0 R 1 5 0 7

Lamellar Plug for Type 714 E10:

S E - 5 0 3 (see drawing GKS-503 on Page 59. Cannot be used with KS)

Receptacle for GKS 714:

K S - 7 1 4 2 3

Receptacle for GKS 098:

K S - 1 0 3 2 3