

GKS 714 / 098

Non-Rotating Test Probe

Grid:

≥ 5,08 mm

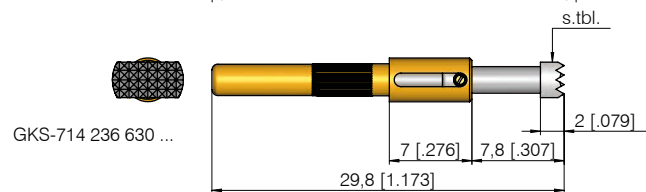
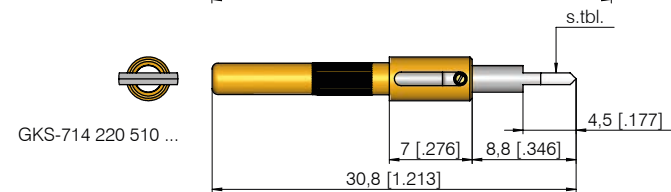
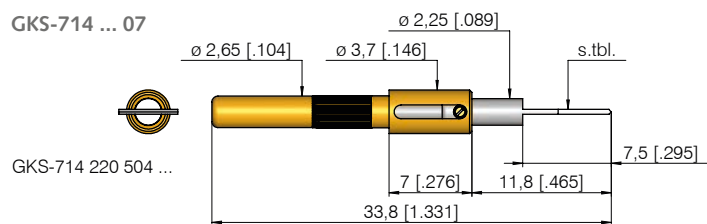
≥ 200 Mil

Installation height: see below

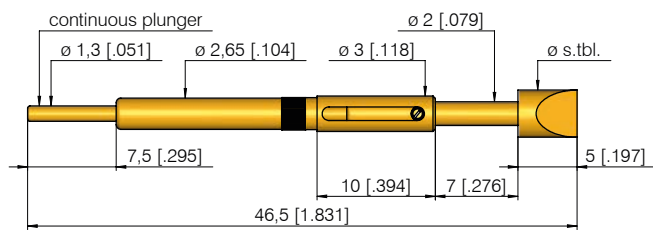
Recommended stroke: 4,0 / 6,0 mm (.157 / .236)

Mounting and functional dimensions

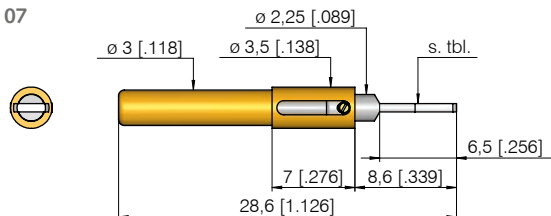
GKS-714 ... 07



GKS-714 ... 10



GKS-098 ... 07



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
Working stroke	4,0 mm (.157)	6,0 mm (.236)	4,0 mm (.157)
Maxim. stroke	5,0 mm (.197)	7,0 mm (.276)	5,0 mm (.197)

Electrical data

Current rating: 8 - 10 A
R_i typical: < 30 mΩ

Operating temperature

Standard: -40° up to +80° C

Material

Plunger:

Steel or BeCu,
gold- or rhodium-plated
Brass, gold-plated
Steel, gold-plated
Brass, gold-plated

Barrel:

Spring:

Receptacle:

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	07	18,8 (.740)
2 20		R	07	15,8 (.622)
2 36		R	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	10	22,0 (.866)
2 23		A	10	22,0 (.866)
2 23		A	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	07	15,5 (.610)

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").

Note:

Receptacles from the KS-714 23 series are used for the test probes series 714 (dimensions same as KS-113 23, see page 68).

KS-103 23 receptacles (shown on page 70) are used for test probes in the series GKS-098.

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	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	(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					