

GKS 714 / 098

Non-Rotating Test Probe

Grid:

≥ 5,08 mm

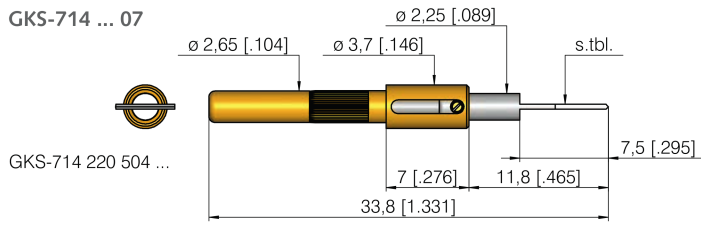
≥ 200 Mil

Installation height: see below

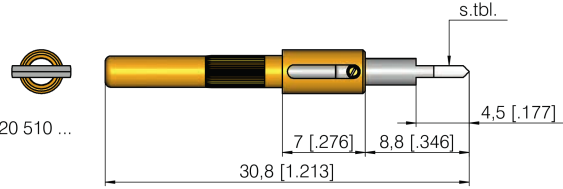
Recommended stroke: 4,0 / 6,0 mm (.157 / .236)

Mounting and functional dimensions

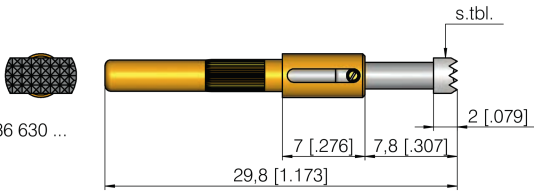
GKS-714 ... 07



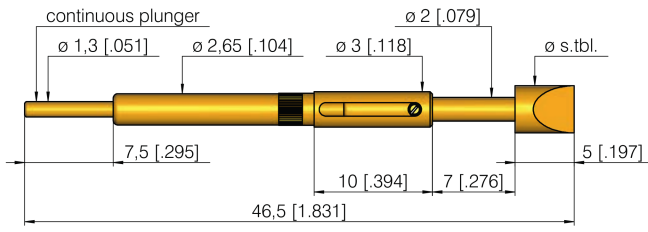
GKS-714 220 510 ...



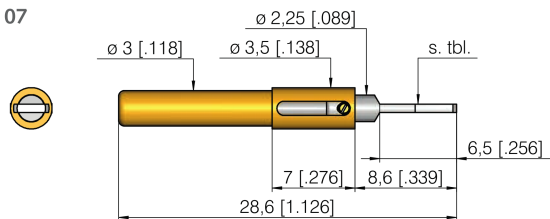
GKS-714 236 630 ...



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
Barrel: Brass, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass, gold-plated

Mounting hole size for GKS-714

with receptacle: ∅ 2,98 - 2,99 mm (.1173 - .1177)
without receptacle: ∅ 2,66 mm (.1047)

Mounting hole size for GKS-098

with receptacle: ∅ 3,48 - 3,49 mm (.1370 - .1374)

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 (show on page 70) are used for test probes in the series GKS-098.

Available tip styles

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Material	Tip style	Plating	Install. and Functional Dim.	
			Collar height	Install. height
2 20	504	R	07	18,8 (.740)
2 20	510	R	07	15,8 (.622)
2 36	630	R	07	14,8 (.583)

Available tip styles

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Material	Tip style	Plating	Install. and Functional Dim.	
			Collar height	Install. height
2 22	∅ 4,00 (.157)	A	10	22,0 (.866)
2 23	∅ 2,00 (.079)	A	10	22,0 (.866)
2 23	∅ 4,00 (.157)	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	∅ 3,00 (.118)	R	07	15,5 (.610)

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 (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