

GKS 710

Non-Rotating Test Probe

Grid:

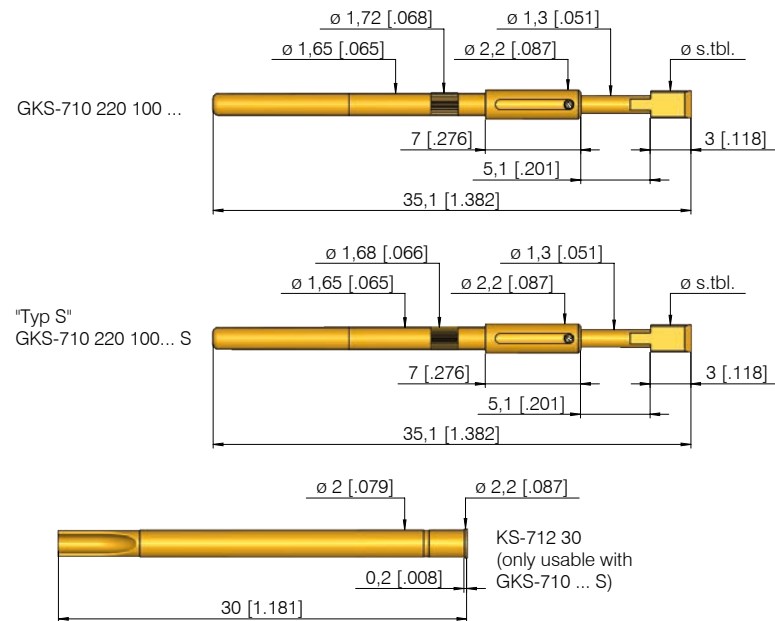
≥ 2,54 mm

≥ 100 Mil

Installation height with KS: 13,3/15,3/18,3 mm (.524/.602/.720)

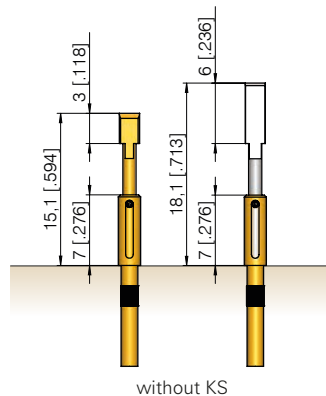
Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions



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").



Available tip styles

Material	Tip styles	Plating	Further versions		
			Width of spade	Plating	Install. height (without KS)
2 20		1,00 (.039) A			15,1 mm (.594)
2 20 *		0,50 (.020) R A	0,40	R	18,1 mm (.713)
2 21		0,50 (.020) A	1,30	A	15,1 mm (.594)
2 22		Ø 2,00 (.079) A			15,1 mm (.594)
2 23		Ø 1,30 (.051) R			13,1 mm (.516)
2 26		2,00 (.079) A			15,1 mm (.594)

* 3 mm longer than standard tip styles

Mechanical data

Working stroke: 4,0 mm (.157)
Maximum stroke: 5,0 mm (.197)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 3,0 N (10.8oz); 5,0 N (18.1oz)

Electrical data

Current rating: 5 - 8 A
R_i typical: < 30 mΩ

Operating temperature

Standard: -40° up to +80° C

Materials

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

Mounting hole size

in CEM1 with receptacle: Ø 1,98 - 2,00 mm (.0780 - .0787)
in FR4 with receptacle: Ø 1,99 - 2,01 mm (.0783 - .0791)
without receptacle: Ø 1,66 mm (.0654)

Note:

The knurl on the barrel of the test probe guarantees fits securely in the receptacle or directly into the probe plate.

Please specify special designation "S" when using receptacle KS-712 30.

Ordering example

	Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Special designation (alternative "S")
		2 = Steel			A = Gold			
Test probe:	G K S	7 1 0	2 2 0	1 0 0	R	1 5	0 7	
Receptacle suitable for GKS-710 ... S:	K S - 7 1 2 3 0							