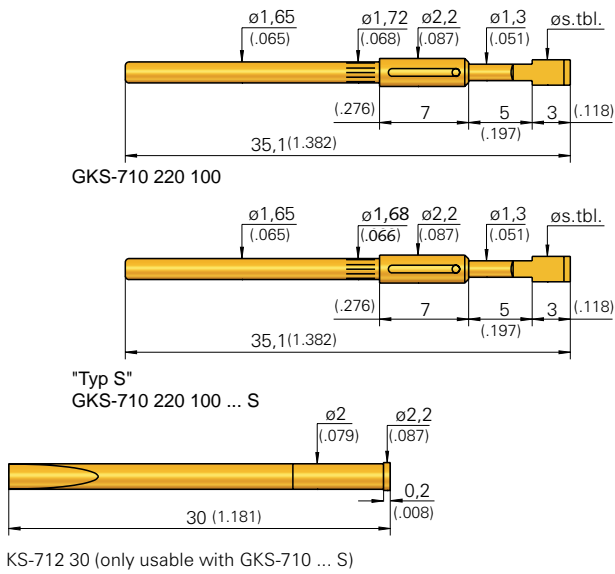


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil
Installation Height: see below
Recommended Stroke: 4,0 mm (.157)

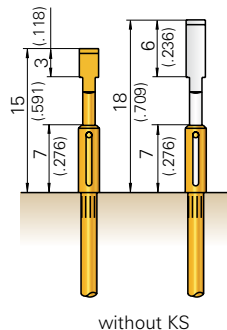
Mounting and Functional Dimensions



Material		Tip Styles		Plating	Further Versions	
					Install. Height (without KS)	∅ / Plating
2	20			1,00 (.039)	A	15
2	20			0,50 (.020)	R A	18 (.709) / 0,40/R (.016)
2	21			0,50 (.020)	A	15 (.591) / 1,30/A (.051)
2	22			$\phi 2,00$ (.079)	A	15 (.591)
2	23			$\phi 1,30$ (.051)	R	13 (.512)
2	26			2,00 (.079)	A	15 (.591)

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

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

Materials

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

Mounting Hole Size

in CEM 1 with Receptacle: $\phi 1,98 - 2,00$ mm (.0780 - .0787)
in FR 4 with Receptacle: $\phi 1,99 - 2,01$ mm (.0783 - .0791)
without Receptacle: $\phi 1,66$ mm (.0654)

Note:

The knurl on the barrel of the Test Probe guarantees sure fitting in the Receptacle or directly into the Probe Plate.

Please specify Special Designation „S“ when using Receptacle KS-712 30.

Tools:

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

Ordering Example

Series	Tip Material 2 = Steel	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Special Designation (alternative „S“)
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Test Probe:

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

Receptacle:

K S - 7 1 2 3 0