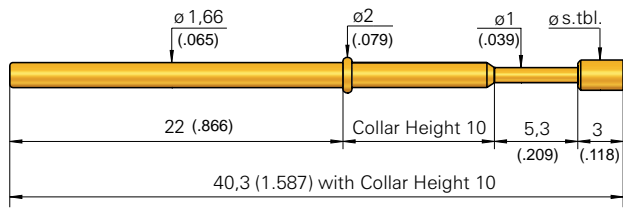


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil

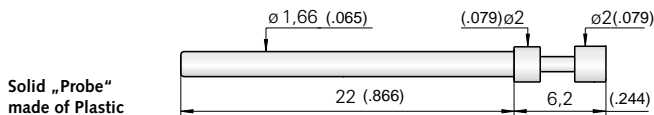
Installation Height: 10,3 - 18,3 mm (.406 - .720)
Recommended Stroke: 4,0 resp. 6,4 mm (.157 resp. .252)

Mounting and Functional Dimensions



Plug

VS-112 is used instead of a Test Probe and prevents in case of maintenance, that not required Receptacles will accidentally be used.

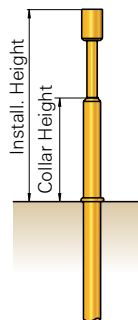


Solid „Probe“ made of Plastic

Collar Height and Installation Height

To adjust the Installation Height off the Tip (Dimension without Receptacle) Test Probes with alternative Collar Heights are available.

Collar Height	Installation Height (without Receptacle)
02	10,3 mm (.406)
03	11,3 mm (.445)
04	12,3 mm (.484)
05	13,3 mm (.524)
06	14,3 mm (.563)
07	15,3 mm (.602)
08	16,3 mm (.642)
09	17,3 mm (.681)
10	18,3 mm (.720)



without KS

Mechanical Data

Working Stroke: 4,0 mm (.157)
Maximum Stroke: 5,3 mm (.209)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 0,6 N (2.2oz); 0,8 N (2.9oz); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1oz)

Test Probes with Tip Diameter ≤ 1,0 mm (.039) have a maximum Working Stroke of 8,0 mm (.315)
 Exception: 5,0 N-Spring (18.1oz): max. Stroke is always 5,3 mm (.209).

Materials

Plunger: BeCu or Steel, gold-plated, rhodium- or chemically nickel-plated
Barrel: Nickel-Silver or Brass, gold-plated
Spring: Steel, gold-plated, Stainless Steel*(C)
Receptacle: Brass, gold-plated

Operating Temperature

Standard: -40° up to +80° C
***with spec. Designation "C":** -100° up to +200° C (0,8 N ; 1,5 N; 2,25 N; 3,0 N)

Electrical Data

Current Rating: 5 - 8 A
R_i typical: < 20 mΩ (* < 100 mΩ)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
2	01	R A	0,80	(.031)
3	02	A		
3	02	A	1,00 1,50	(.039) (.059)
3	03	A	1,40 1,80	(.055) (.071)
2	04	R	1,30	(.051)
3	05	A	0,80	(.031)
3	05	A	1,00 1,40 2,30	(.039) (.055) (.091)
0	06**	A		
3	06	A	1,30 R 1,50 R 1,80 R 2,50 R	(.051) (.059) (.071) (.098)
2	07	R A	1,30 A	(.051)
2	09***	N		
2	14	A	1,30 R	(.051)
2	17	N		
3	19	A	2,00 A	(.079)

** also available as Tip Style 0 02 and 0 03,
 Installation Height plus 0,8 mm (.031)

*** pressed-in Steel point in Base Plunger made of Brass

Note to GKS-112 and KS-112:
 For the Test Probes series GKS-112 Receptacles of the series KS-112 are used (see Page 50).

Note:
 Screw-in Versions see Page 132.

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)	Special Designation („B“, „C“)
0 = Delrin	2 = Steel			N = Nickel			
	3 = BeCu			R = Rhodium			

Test Probe:

G K S 1 1 2 2 0 4 1 3 0 R 1 5 0 2

Receptacle for GKS-112:

K S - 1 1 2 3 0 K S - 1 1 2 4 7

Plug:

V S - 1 1 2

e-type® Probes
 ICT / FCT
 Bead Probes
 Fine Pitch
 Metric Stand.
 Solderable
 Short-stroke
 Flying Probes
 DKS
 SKS
 PKS / PSK
 RF / Dipole Test Probes
 HSS
 Fixture customizing
 Tools
 Cable Test Probes