

GKS 912

ICT-/FCT Test Probe

Grid:

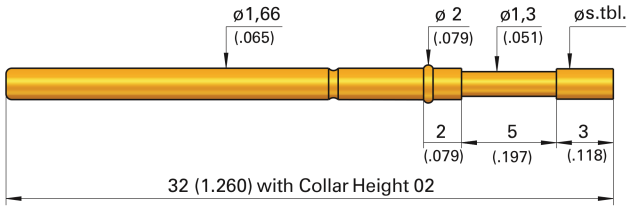
≥ 2,54 mm

≥ 100 Mil

Installation height with KS: 10,2 - 26,0 mm (.402-1.024) / variable

Recommended stroke: 4,0 mm (.157)

Mounting and functional dimensions

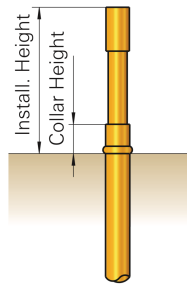


Collar height and installation height

Test probes with alternative collar heights are available to adjust the installation height of the tip (dimension without receptacle).

Collar height	Total length	Installation height without receptacle
02	32,0 mm (1.26)	10,0 mm (.394)
03	32,0 mm (1.26)	11,0 mm (.433)
04	34,0 mm (1.34)	12,0 mm (.472)
05	35,4 mm (1.39)	13,0 mm (.512)
06	36,0 mm (1.42)	14,0 mm (.551)
07	37,0 mm (1.46)	15,0 mm (.591)
10	40,0 mm (1.57)	18,0 mm (.709)

(**Tip style 00x: install. height is 0,8 mm (.031) higher)



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: 0,6 N (2.2oz); 0,8 N (2.9oz); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1)

Operating temperature

Standard: -40° bis +80° C

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

Electrical data

Current rating: 5 - 8 A

R_i typical: < 20 mΩ (* < 100 mΩ)

Materials

Plunger: BeCu or steel, gold-plated, rhodium- or chemically nickel-plated

Barrel: Nickel-silver or brass, gold-plated

Spring: Steel, gold-plated or stainless steel* (C)

Note:

Receptacles in the series KS-112 (shown on page 60) are used for the GKS-912 test probes series.

Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2	01	A	0,60 R 0,80 R 1,00 R	(.024) (.031) (.039)
3	02	A	2,50	(.098)
3	03	A	1,80 2,50 3,50	(.071) (.098) (.138)
2	04	A	1,30 2,00 R	(.051) (.079)
3	05	A	0,70 1,40 1,50	(.028) (.055) (.059)
0	06**	A	∅ 2,30 (.091)	
2	06	R	∅ 1,50 (.059)	
3	06	A	1,40 A 1,80 A 2,50 A	(.055) (.071) (.098)
3	06	R	1,80 2,50 3,50	(.071) (.098) (.138)
2	07	A R	1,30 A 1,50 A 1,80 A 2,50 A	(.051) (.059) (.071) (.098)
2	09***	N	0,70 A 0,80 A	(.028) (.031)
2	14	A	∅ 1,80 (.071)	1,30 R (.051)
2	15***	A	∅ 1,80 (.071)	1,30 A (.051)
2	17	N	∅ 1,75 (.069)	1,30 A (.051)
2	24	R	∅ 2,00 (.079)	1,30 A (.051)
2	31	R	∅ 1,80 (.071)	
2	33	N	∅ 1,30 (.051)	
2	88	A	∅ 2,30 (.091)	
2	91	A	∅ 1,30 (.051)	1,30 N (.051) 1,30 G (.051)
2	93	A	∅ 1,60 (.063)	

** also available as tip style 0 02 or 0 03

*** pressed-in steel tip in base plunger of brass

Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Special designation ("C")
0 = Delrin 2 = Steel 3 = BeCu	A = Gold G = Aurum N = Nickel R = Rhodium						

Test probe:

G K S 9 1 2 2 0 4 1 3 0 A 1 5 0 2