

GKS 113

Test Probe

Grid:

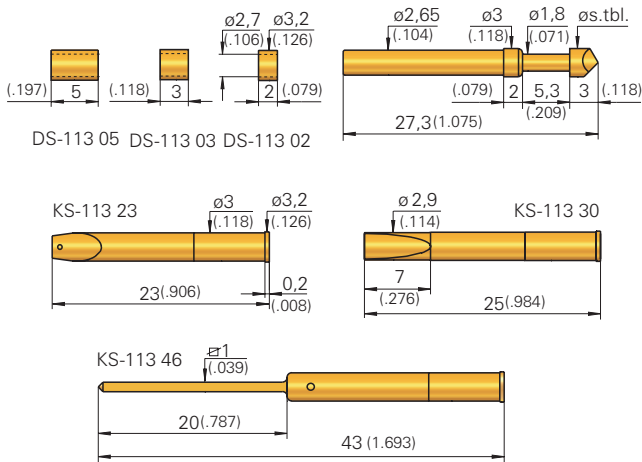
≥ 4,00 mm

≥ 160 Mil

Installation Height: 10,5/13,5/18,5 mm (.413/ .531/ .728)

Recommended Stroke: 4,0 mm (.157)

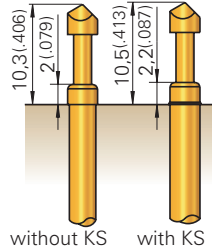
Mounting and Functional Dimensions



Collar Height and Installation Height

The Installation Height of the Tip (dimension measured with Receptacle) is defined by the Collar Height.

Collar Height	Installation Height (with Receptacle)
02	10,5 mm (.413)
05	13,5 mm (.531)
10	18,5 mm (.728)



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: 0,3 (1.1oz); 0,6 (2.2oz); 1,0 (3.6oz); 2,25 (8.1oz); 3,0 (10.8oz); 5,0 N (18.1oz)

Electrical Data

Current Rating: 5 - 8 A
R_i typical: < 30 mΩ (* > 100 mΩ)

Operating Temperature

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

Materials

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

Mounting Hole Size

for GKS-113 and KS-113:
with Receptacle: ø 2,98 - 2,99 mm (.1173 - .1177)
without Receptacle: ø 2,65 mm (.1043)

Tools:

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

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
2 01		R		
3 02		A	0,80 (.031) 1,00 (.039) 1,80 (.071) 3,00 (.118) 4,00 (.157)	
3 03		A	3,00 (.118) 4,00 R (.157)	
2 04		R	1,80 A (.071) 3,00 (.118)	
3 05		A	0,80 (.031) 1,40 (.055) 3,00 R (.118)	
3 55		R	ø 3,00 (.118) Tip Length 4 mm (.157)	
3 06		A	1,60 (.063) 2,30 (.091) 4,00 (.157) 8,00 (.315)	
3 06		R	2,50 (.098) 3,50 (.138) 6,00 (.236)	
2 07		A	4,20 R (.165)	
3 12		A		
3 13		R		
2 14		R		
2 15		A	2,5 mm (.098) longer ø 3,00 (.118)	
2 17		R	1,80 (.071) 3,00 A (.118)	
3 19		A	NEW 3,00 (.118)	
3 72		A	1,80 (.071)	
2 87		N	4,00 (.157)	
2 88		A	ø 2,30 (.091)	

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

Note:

For Test Probes Series GKS-113 Receptacles of the series KS-113 are used.

Screw-in Versions see Page 135.

Ordering Example

	Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring Force (dN)	Collar Height (mm)	Special Designation (alternative "C")				
Test Probe:	G K S	1	1 3	3	0 6	2 3 0	R	1 5	0 2			
Receptacles:	K S -	1	1 3	2 3	K S -	1	1 3	3 0	K S -	1	1 3	4 6
Spacers:	D S -	1	1 3	0 2	D S -	1	1 3	0 3	D S -	1	1 3	0 5