

# GKS 113

Test Probe

**Grid:**

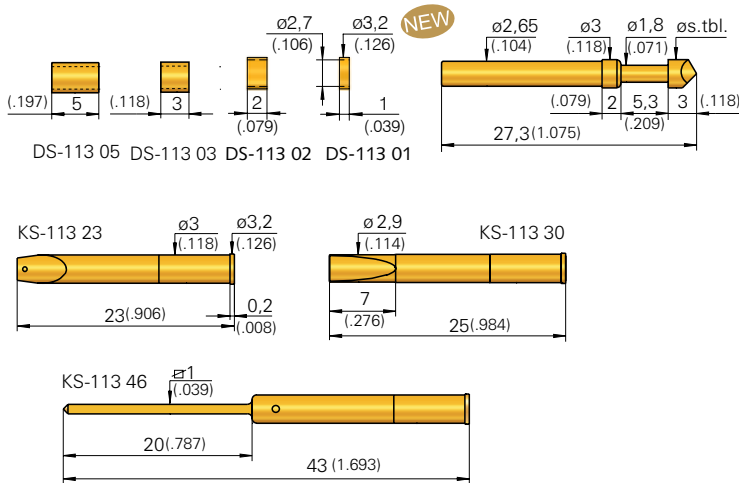
≥ 4,00 mm

≥ 160 Mil

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

**Recommended Stroke:** 4,0 mm (.157)

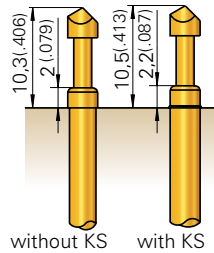
## Mounting and Functional Dimensions



### 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<sub>i</sub> 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:** ∅ 2,98 - 2,99 mm (.1173 - .1177)  
**without Receptacle:** ∅ 2,65 mm (.1043)

**Note:**

For Test Probes Series GKS-113 Receptacles of the series KS-113 are used.  
 Screw-in Versions see Page 135.

## Available Tip Styles

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

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

**Tools:**

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

## Ordering Example

