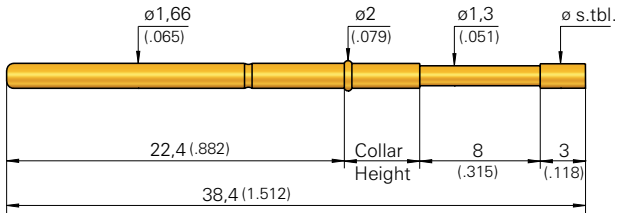


**Grid:**  
 ≥ 2,54 mm  
 ≥ 100 Mil

**Installation Height:** 16,0 mm (.630)  
**Recommended Stroke:** 6,4 mm (.252)

## Mounting and Functional Dimensions

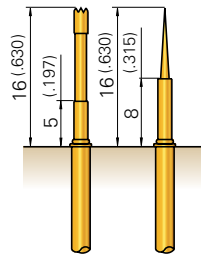


### Collar Height and Installation Height

The Test Probes are always supplied with a Collar Height of 5 mm (.197).

The Test Probes with Tip Style 01 and 09 have a Collar Height of 8 mm (.315) - this to ensure stability of the plunger shaft.

Collar Height	Installation Height (without Receptacles)
05	16 mm (.630)
08	16 mm (.630)
(** Tip Styles 00x: Install. Height 16,8 mm (.661))	



### Mechanical Data

**Working Stroke:** 6,4 mm (.252)  
**Maximum Stroke:** 8,0 mm (.315)  
**Spring Force at Work. Stroke:** 1,5 N (5.4oz)  
**alternative:** 0,8 N (2.9oz); 2,25 N (8.1oz); 3,0 N (10.8oz); 5,0 N (18.1oz)

### Materials

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

### Electrical Data

**Current Rating:** 5 - 8 A  
**R<sub>i</sub> typical:** < 20 mΩ (\* < 100 mΩ)

### Operating Temperature

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

## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01	A	1,30 R	(.051)
3	02	A		
2	04	A		
3	05	A	0,70	(.028)
0	06**	A		
3	06	A	1,30 1,60	(.051) (.063)
3	07	A		
2	09***	N	0,80 A/G 0,60 A/N	(.031) (.024)
2	14	A	0,60 2,00	(.024) (.079)
2	17	A		
2	24**	A		
2	33	N	1,30 A	(.051)
2	91	N	0,80 N 1,30 A/G	(.031) (.051)
2	93	A		

\*\* also available as Tip Style 0 02

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

\*\*\*\* higher middle tip plus 0,5 mm

### Note:

For Test Probes series GKS-422 Receptacles of the series KS-112 are used (see Page 50).

### 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 („C“)
0 = Delrin	2 = Steel	3 = BeCu		A = Gold G = Aurum N = Nickel R = Rhodium			

Test Probe:

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

Receptacle:

K S - 1 1 2 4 7