

# GKS 713

Rotating Test Probe with Continuous Plunger

## Grid:

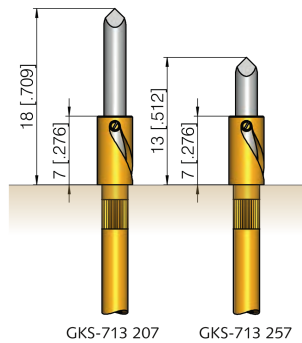
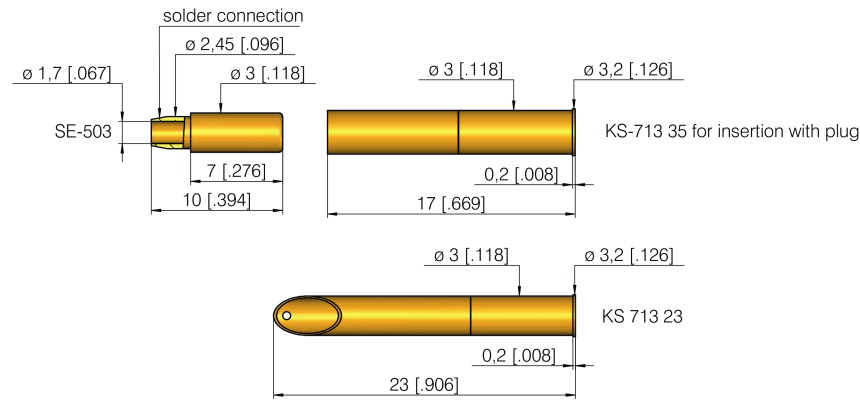
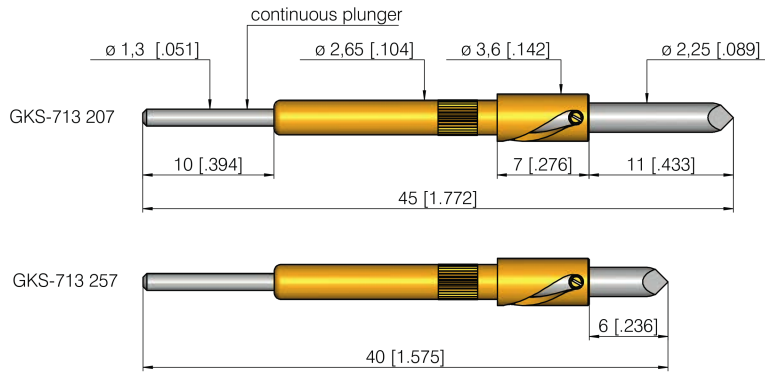
≥ 4,50 mm

≥ 177 Mil

Installation height with KS: 13,2 resp. 18,2 mm (.520 / .717)

Recommended stroke: 4,0 mm (.157)

## Mounting and functional dimensions



### Collar height and installation height

GKS	Install. height with KS
713 206/207	18,2 mm (.717)
713 256/257	13,2 mm (.520)

### 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:** 3,0 N (10.8oz); 5,0 N (18.1oz)

### Electrical data

**Current rating, connection to KS:** 5 - 8 A  
**Current rating, conn. to plunger:** 8 A  
**R<sub>i</sub> typical, connection to KS:** < 30 mΩ  
**R<sub>i</sub> typical, connection to plunger:** < 10 mΩ

### Operating temperature

**Standard:** -40° up to +80° C

### Materials

**Plunger:** Steel, rhodium-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated

### Mounting hole size

**with receptacle:** ∅ 2,98 - 2,99 mm (.1173 - .1177)  
**without receptacle:** ∅ 2,66 mm (.1047)

### Note:

The knurl on the rotating test probe guarantees a secure fit in the receptacle or probe plate.

## Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 06		R	4,00	R
2 07		R		
2 56*		R		
2 57*		R		

\* 5 mm (.197) shorter

## Ordering example

	Series	Tip material 2 = Steel	Tip style	Tip diameter (1/100 mm)	Plating R = Rhodium	Spring force (dN)	Collar height (mm)
Test probe:	G K S	7 1 3	2 0 6	2 2 5	R	1 5	0 7
Receptacle:	K S - 7 1 3 2 3	K S - 7 1 3 3 5					
Lamellar plug: (for plugging onto the end of the plunger)	S E - 5 0 3						