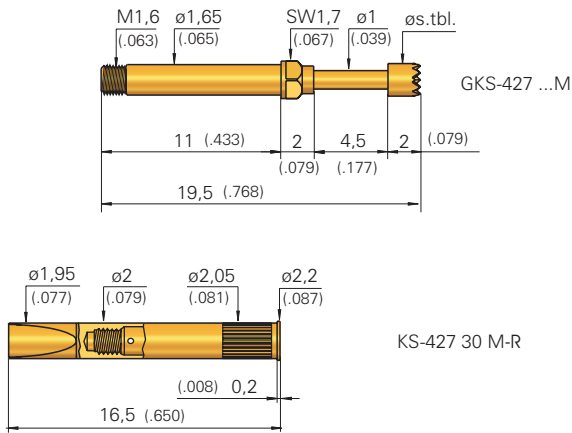


**Grid:**  
 ≥ 2,54 mm  
 ≥ 100 Mil

**Installation height with KS:** 8,7 mm (.343)  
**Recommended stroke:** 3,5 mm (.138)

### Mounting and functional dimensions



Available tip styles					
Material	Tip style	Plating	Further versions		
			$\phi$	$\phi$ (inch)	
2	01	A	$\phi 1,00$ (.039)		
NEW	3	03	$\phi 2,00$ (.079)		
NEW	3	05	$\phi 0,64$ (.025)	0,80	A
NEW	3	05	$\phi 1,00$ (.039)		
	3	06	$\phi 2,00$ (.079)	1,30	A
NEW	3	13	$\phi 1,00$ (.039)		
NEW	3	17	$\phi 2,00$ (.079)		

#### Mechanical data

**Working stroke:** 3,5 mm (.138)  
**Maximum stroke:** 4,5 mm (.177)  
**Spring force at work. stroke:** 1,5 N (5.4oz)  
**Alternative:** 0,8 N (7.2oz); 2,5 N (9.0oz)

#### Materials

**Plunger:** BeCu or steel, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Stainless steel (\*MC) or steel, gold-plated  
**Receptacle:** Brass, gold-plated

Recommended screw-in torque:  
 Min.: 3 cNm / Max.: 5 cNm

#### Electrical data

**Current rating:** 5 - 8 A  
**R<sub>i</sub> typical:** < 20 m $\Omega$

#### Mounting hole size

**for KS-427 30 M-R**  $\phi$  2,00 - 2,02 mm  
**in CEM1 and FR4:** (.0787 - .0795)

#### Operating temperature

**Standard:** -40° up to +80° C  
**\* with special designation "MC":**  
 -100° up to +200° C  
 1,5 N (5.4oz); 2,5 N (9.0oz)

### Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Type alternative "MC"
Test probe:	G K S	4 2 7	3 0 6	2 0 0	A	1 5	0 2	M
Receptacle:	K S - 4 2 7 3 0 M - R							