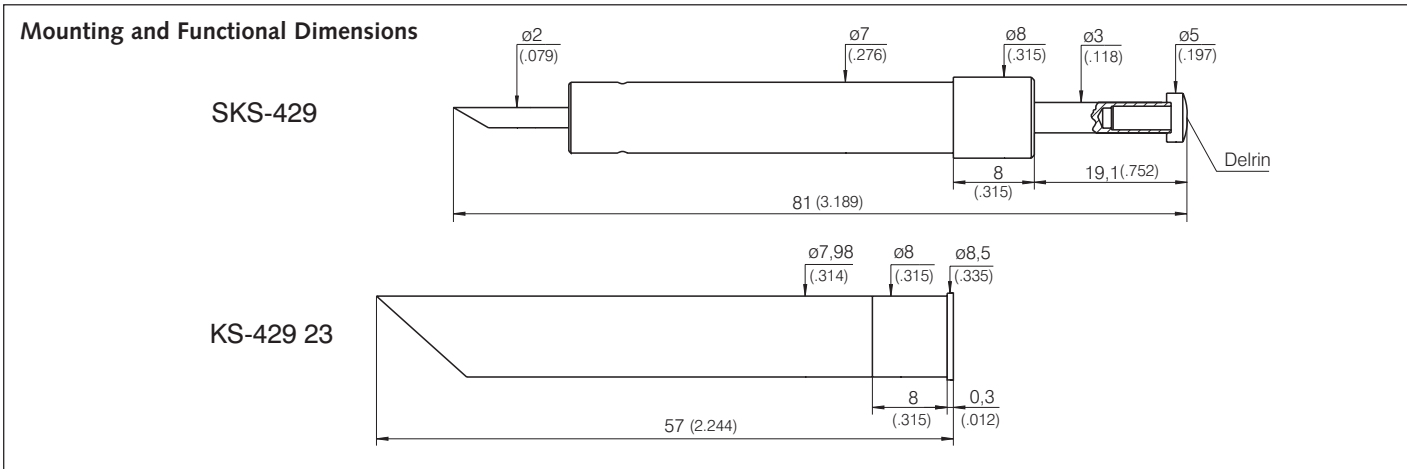
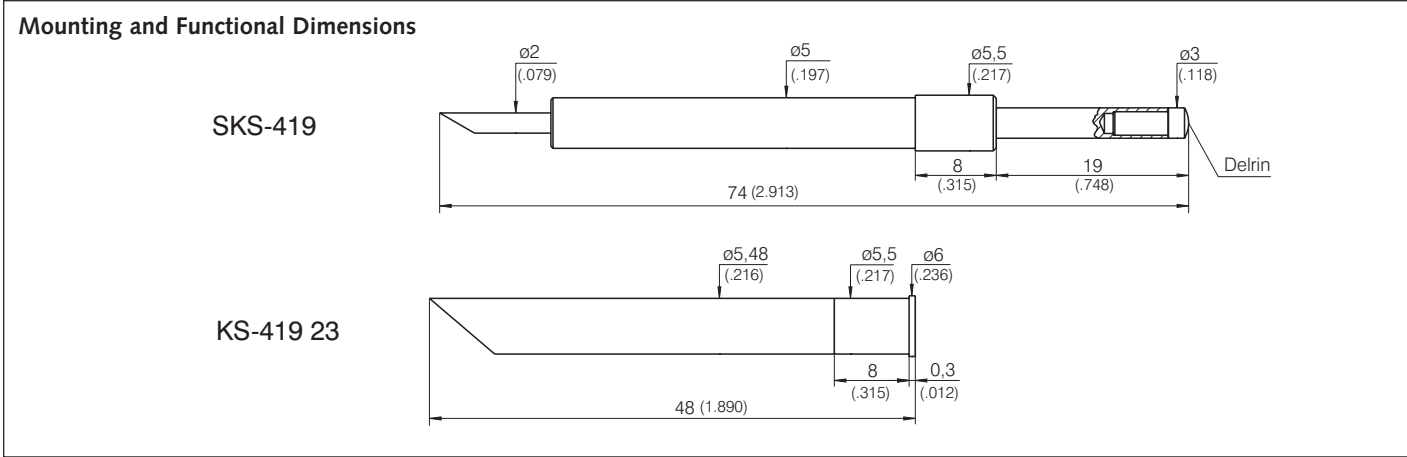


# SKS 419/429

Grid:  
 ≈ 7,5/10,0 mm  
 ≈ 300/400 Mil

Switching Probe with long Stroke, high Stability  
 Installation Height: 27,0 mm (1.063)  
 Switching Path: 2,0 mm (.079)



## SKS 419

## SKS 429

### Mechanical Data

Switching Path: 2,0 mm (.079) ± 0,2 (.008)  
 Maximum Stroke: 14,0 mm (.551)  
 Spring Force at Switching Point: 2,6 N (9.4oz)  
 Spring Force 80% Stroke: 5,2 N (18.8oz)

### Electrical Data

Current Rating: 5 A

### Mounting Hole Size

with Receptacle: Ø 5,49 mm (.2161)  
 without Receptacle: Ø 5,00 mm (.1969)

### Materials

Plunger: BeCu, gold-plated with Insulator Cap (Delrin)  
 Barrel: Brass, gold-plated  
 Spring: Steel, gold-plated  
 Receptacle: Brass, gold-plated

### Mechanical Data

Switching Path: 2,0 mm (.079) ± 0,2 (.008)  
 Maximum Stroke: 16,0 mm (.630)  
 Spring Force at Switching Point: 2,9 N (10.5oz)  
 Spring Force 80% Stroke: 6,4 N (23.2oz)

### Electrical Data

Current Rating: 5 A

### Mounting Hole Size

with Receptacle: Ø 7,99 mm (.3146)  
 without Receptacle: Ø 7,00 mm (.2756)

### Materials

Plunger: BeCu, gold-plated with Insulator Cap (Delrin)  
 Barrel: Brass, gold-plated  
 Spring: Steel, gold-plated  
 Receptacle: Brass, gold-plated

### Tools:

The special Insertion tools for SKS must be used to install the Switching Probes > see Page 80.

### Ordering Example:

Series	Tip Material 0 = Delrin	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)
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Test Probes:

S	K	S	4	1	9	0	0	5	3	0	0	A	6	5	0	8
S	K	S	4	2	9	0	0	5	5	0	0	A	8	0	0	8

Receptacle for SKS-419:

K	S	-	4	1	9	2	3
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Receptacle for SKS-429:

K	S	-	4	2	9	2	3
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All specifications are subject to change without prior notification