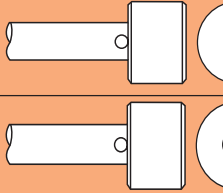
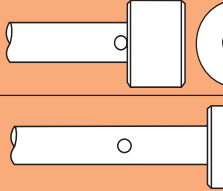
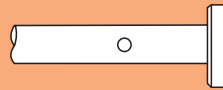


**Screw-in Switching Probe**  
**Installation Height:** 10,5 - 26,5 mm (.413 - 1.043)  
**Switching Path:** 1,7 mm (.067)

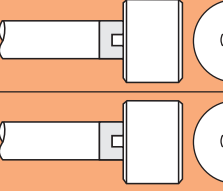
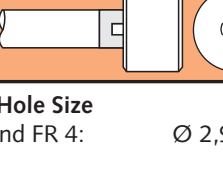
**Grid:**  
 $\geq 3,50 \text{ mm}$   
 $\geq 140 \text{ Mil}$

# SKS 465 S

## Available Tip Styles

Material	Tip Styles for SKS-465 302 / 352 ... S	Standard Plating	Special Versions	
			Ø mm	(Ø inch)
3	02 	A	3,50	(.138)
			4,00	(.157)
	02 	A	5,00	(.197)
			5,50	(.217)
			5,90	(.232)
3	52 	A	3,50 (.138)	

Material	Tip Styles for SKS-465 002 ... S with insulated Tip	Standard Plating	Special Versions	
			Ø mm	(Ø inch)
0	02 	A	3,50	(.138)
			4,00	(.157)
0	02 	A	5,00	(.197)
			5,90	(.232)

**Mounting Hole Size**  
in CEM 1 and FR 4:  $\text{Ø } 2,98 - 2,99 \text{ mm } (.1173 - .1177)$

### Materials

**Plunger:** BeCu or Brass, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Steel, gold-plated or stainless Steel  
**Receptacle:** Brass, gold-plated  
**Insulation:** Teflon (at Tip "002": Peek)

### Electrical Data

**Current Rating:** 3 A

### Mechanical Data

**Maximum Stroke:** 4,5 mm (.177)  
**Switching Path:** 1,7 mm (.067)  $\pm 0,3 \text{ mm } (.012)$   
**Force at Switching Point:** 0,7 N (2.5oz)  
**Force at 80% Stroke:** 2,0 N (7.2oz)  
3,5 N (12.6oz)  
9,0 N (32.4oz)

### Note:

The Test Probes of the series SKS-465 ... S are assembled with a standard watchmaker screw-driver.

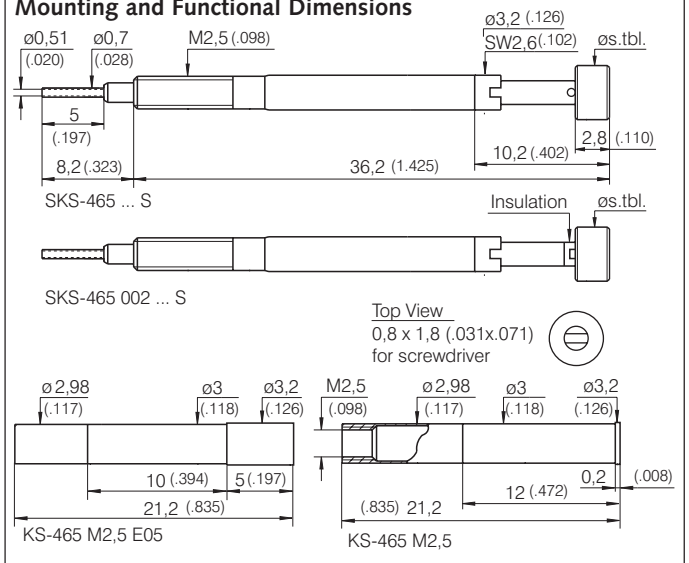
Recommended Screw-in Torque: Maximum 20 Ncm

### Quick-exchange Receptacles:

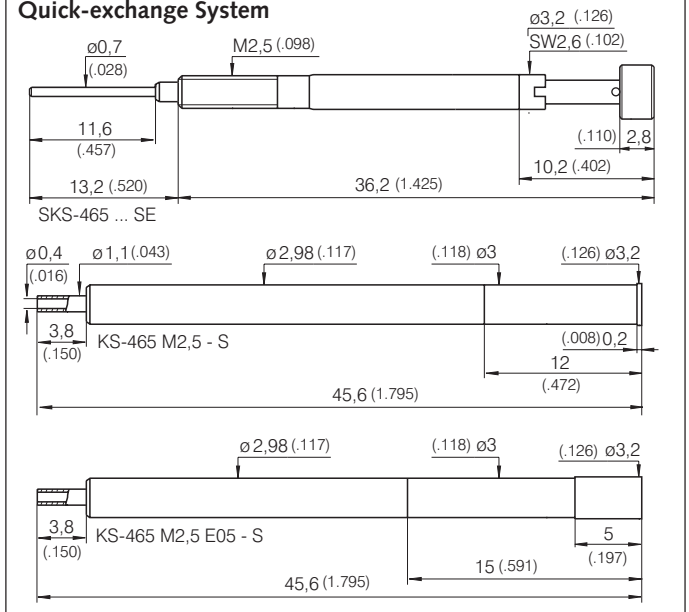
Receptacles with end designation "-S" are quick-exchange Receptacles. The two wires are soldered to the outside wall of the Receptacle and the central Terminal point. This is done after assembling the Receptacle in the Mounting Hole.

The Switching Probe SKS-465 ... SE can now be inserted or changed without any further soldering work.

## Mounting and Functional Dimensions

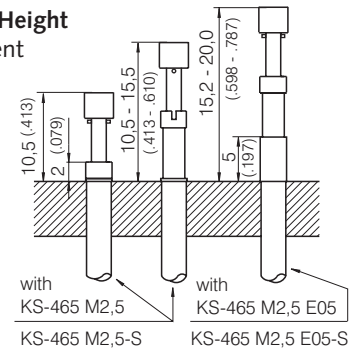


## Quick-exchange System



## Collar Height and Installation Height

Crimps in the Receptacle prevent the Test Probe from rotating. Different Installation Heights can be variably achieved with different Receptacles:



Designation of the Receptacle	Installation Heights with Tip 02 or 002	Installation Heights with Tip 52
KS-465 M 2,5 (- S)	10,5 - 15,5 mm	17,0 - 22,0 mm
KS-465 M 2,5 E05 (- S)	15,2 - 20,0 mm	21,7 - 26,5 mm

## Ordering Example:

Series	Tip Material	Tip Style	Tip Diameter	Plating	Spring Force	Collar Height	Type alternative "SE"
	0 = Peek 3 = BeCu		( $\frac{1}{100}$ mm)	A = Gold	(dN)	(mm)	

Test Probe:

SKS 465 3 02 4 5 0 A 2 0 0 2 S

Receptacles:

KS - 4 6 5 M 2,5 (-S) KS - 4 6 5 M 2,5 E05 (-S)

Plug for SKS-465 ... S:

SE - 0 8 1 (> see drawing SKS-215 M on Page 93)

All specifications are subject to change without prior notification