






# HSS 150

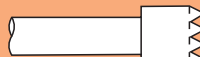
Grid:  
 $\approx 5,08 \text{ mm}$   
 $\approx 200 \text{ Mil}$

High-Current Probe up to 50 A  
 Installation Height: 10,8 mm (.425) / 13,8 mm (.543)  
 Recommended Stroke: 4,4 mm (.173) / 7,4 mm (.291)

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Øinch
3	02 	A		
3	03 	A		
3	05 * 	S		
3	06 	A	3,00	(.118)
3	17 	A		

\* pressed-in Silver stud

## Special Version HSS-150...H

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Ø(inch)
3	06 	A		

Total length 41,5 mm (1.634), Special Designation "H"

### \* Tip Style 05 S

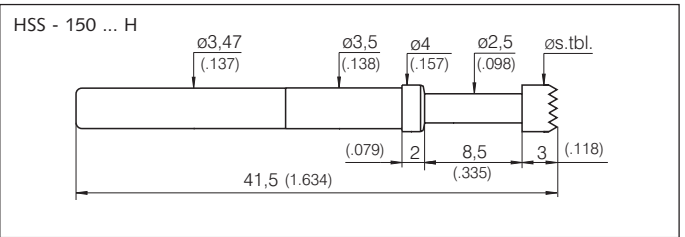
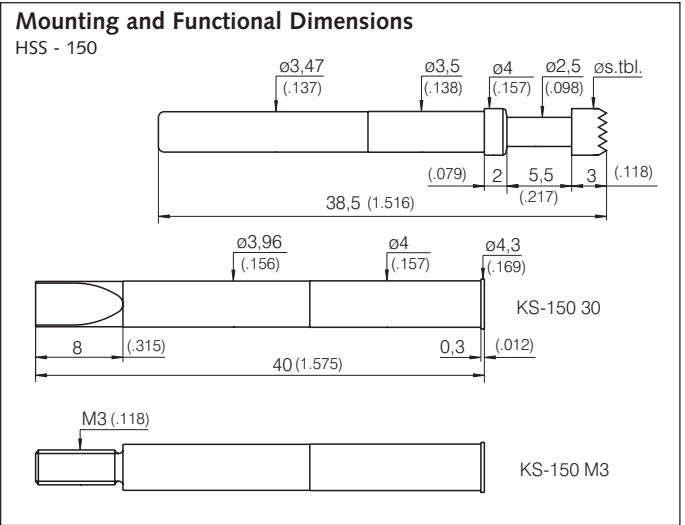
The pressed-in silver stud prevents burning or welding of the test probe to the test point.

### Applications:

- High-current transfer during Functional Test
- Power-Supply Test
- Burn-In Test
- Contacting element in permanent use
- Usage with AC and DC

### screw-in Version:

> see HSS-150 ... M on Page 92.



### Mechanical Data

Working Stroke: 4,4 mm (.173) Type "H": 7,4 mm (.291)  
 Maximum Stroke: 5,5 mm (.217) Type "H": 8,5 mm (.335)

Spring Force at Work. Stroke: 3,0 N (10.8oz)  
 alternative: 5,0 N (18.1oz)

### Collar Height and Installation Height

The Installation Height of the Tip (Dimension without Receptacles) is determined by the Collar Height.

Collar Height / Type	Installation Height (with KS)
02	10,8 mm (.425)
02 H	13,8 mm (.543)

### Electrical Data

Current Rating: 50 A (for short loads up to 80 A)  
 $R_t$  typical:  $\leq 10 \text{ m}\Omega$

### Operating Temperature

Standard: -100° up to +200° C

### Mounting Hole Size for HSS-150 and KS-150

with Receptacle:  $\text{Ø } 3,98 - 3,99 \text{ mm } (.1567 - .1571)$   
 without Receptacle:  $\text{Ø } 3,50 \text{ mm } (.1378)$

### Materials

Plunger: BeCu, gold-plated or Silver stud  
 Barrel: Brass, gold-plated  
 Spring: stainless Steel  
 Receptacle: Brass, gold-plated

### Ordering Example:

Series	Tip Material 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold S = Silver	Spring Force (dN)	Collar Height (mm)	Special Designation (alternative "H")
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Test Probes:

H	S	S	1	5	0	3	0	5	4	0	0	S	3	0	0	2	
H	S	S	1	5	0	3	0	6	4	0	0	A	3	0	0	2	H

Receptacles for HSS-150:

K	S	-	1	5	0	3	0	K	S	-	1	5	0	M	3
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