






HSS 150 M

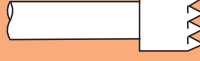
Grid:
 ≙ 5,08 mm
 ≙ 200 Mil

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	Ø (inch)
3	02 	A	Ø 4,00 (.157)	
3	03 	A	Ø 4,00 (.157)	
3	05 * 	S	Ø 4,00 (.157)	
3	06 	A	Ø 4,00 (.157)	3,00 (.118)
3	17 	A	Ø 3,00 (.118)	

* pressed-in Silver stud

Special Version HSS-150...MH

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Ø (inch)
3	06 	A	Ø 4,00 (.157)	

Total length 46,1 mm (1.815), Special Designation "MH"

* Tip Style 05 S

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

Applications:

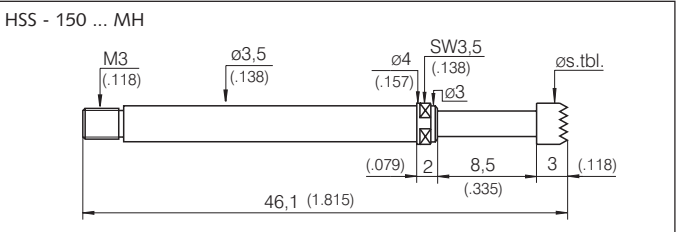
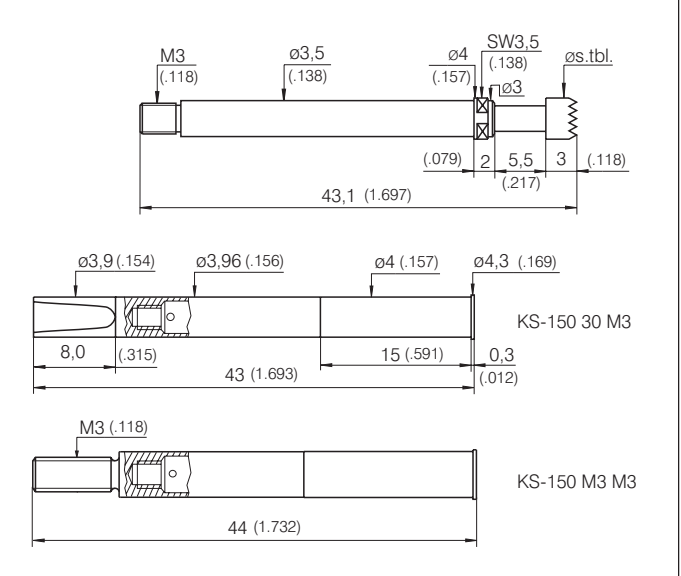
- High-current transfer during Functional Test
- Power-Supply Test
- Burn-In Test
- Contacting element in permanent use
- Usage with AC and DC

Note to HSS - 150 M and KS - 150 xx M3

HSS-150 M are screwed into KS-150 ... M3 using special tools
 > see page 103.

Recommended Screw-in Torque: Maximum 20 Ncm

Mounting and Functional Dimensions



Mechanical Data

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

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

Electrical Data

Current Rating: 50 A (for short loads up to 80 A)
 R_i typical: ≤ 10 mΩ

Operating Temperature

Standard: -100° up to +200° C

Mounting Hole Size for KS-150 30 M3 and KS-150 M3 M3

in CEM 1 and FR 4: Ø 3,99 mm (.1571)

Materials

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

Collar Height and Installation Height

The Installation Height of the Tip (Dimensions with Receptacle) is determined by the Collar Height.

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

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)	Type (alternative MH)
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Test Probes:

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

Receptacles for HSS-150 ... M:

KS - 150 30 M3	KS - 150 M3 M3
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All specifications are subject to change without prior notification