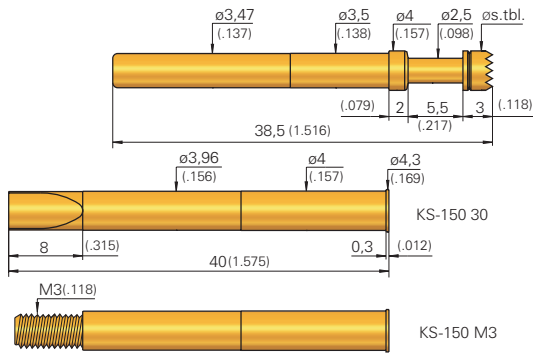


Grid:
 ≥ 5,08 mm
 ≥ 200 Mil

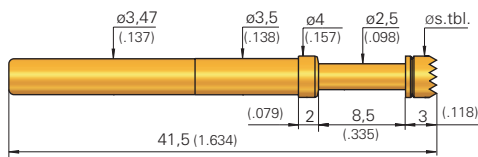
Installation Height: 10,8 / 13,8 mm (.425/ .543)
Recommended Stroke: 4,4 / 7,4 mm (.173/ .291)

Mounting and Functional Dimensions

HSS-150



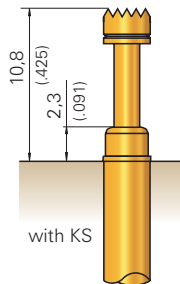
HSS-150 ... H



Collar Height and Installation Height

The Installation Height of the Tip is determined by the Collar Height.

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



Mechanical Data

Working Stroke: 4,4 mm (.173)
 Typ "H": 7,4 mm (.291)
Maximum Stroke: 5,5 mm (.217)
 Typ "H": 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 typisch: ≤ 10 mΩ

Operating Temperature

Standard: -100° up to +200° C

Materials

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

Mounting Hole Size

HSS-150 and KS-150:
with Receptacle: ø 3,98 - 3,99 mm (.1567 - .1571)
without Receptacle: ø 3,50 mm (.1378)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
3	02	A		
3	03	A		
3	05*	S		
3	06	A	3,00	(.118)
3	17	A		
3	19	A		

* pressed-in Silver stud

Available Tip Styles

Special Version HSS-150 ... H

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
3	06	A		

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

Applications:

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

* Tip Style 05 S

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

Note:

Screw-in Version see HSS-150 ... M on Page 146.

Ordering Example

	Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold S = Silver	Spring Force (dN)	Collar Height (mm)	Special Designation (alternative „H“)
Test Probe:	HSS	3 = BeCu	05	400	S	30	02	
Test Probe:	HSS		06	400	A	30	02	H
Receptacles for HSS-150:	KS-150		30					
	KS-150		M3					