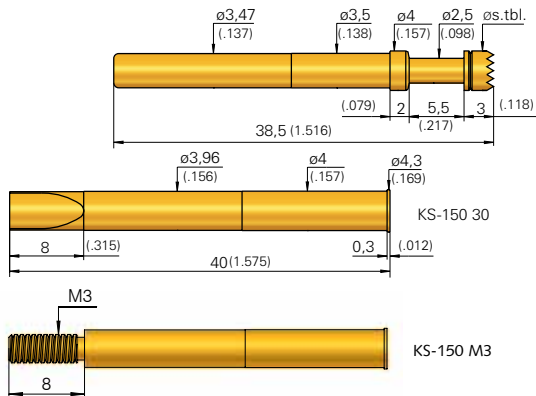


**Grid:**  
 ≥ 5,08 mm  
 ≥ 200 Mil

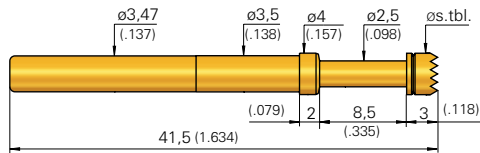
**Installation Height:** 10,8 / 13,8 mm (.425/ .543)  
**Recommended Stroke:** 4,4 / 7,4 mm (.173/ .291)

### 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 (at room temperature:)** 50 A  
 (for short loads up to 80 A)

**R<sub>i</sub> 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:**  $\varnothing 3,98 - 3,99$  mm  
 (.1567 - .1571)

**without Receptacle:**  $\varnothing 3,50$  mm (.1378)

#### Note:

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

### Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			$\varnothing$	$\varnothing$ (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	
			$\varnothing$	$\varnothing$ (inch)
3	02	A		
3	05*	S		
3	06	A	4,00	(.157)
3	17	A		

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

\* pressed-in Silver stud

#### 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.

### 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")
Test Probe:	HSS	150	305	400	S	30	02
Test Probe:	HSS	150	306	400	A	30	02H
Receptacles for HSS-150:	KS-150	30	KS-150	M3			