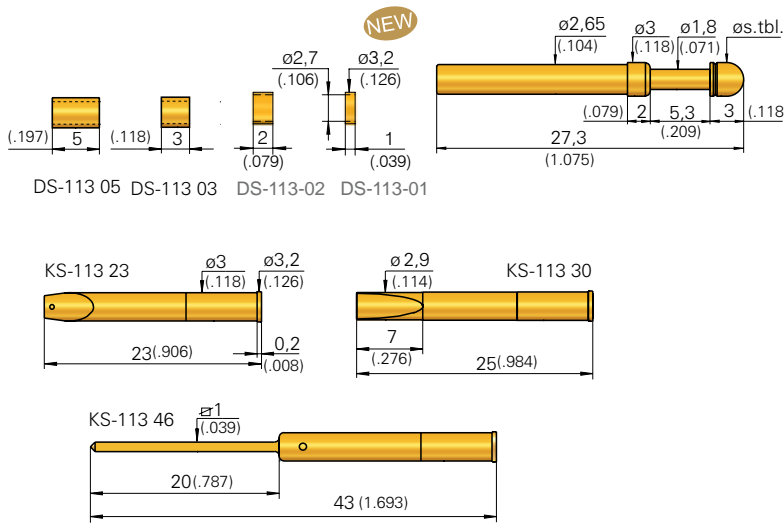


Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

Installation Height: 10,3/13,3/18,3 mm (.406 - .720)
Recommended Stroke: 4,0 mm (.157)

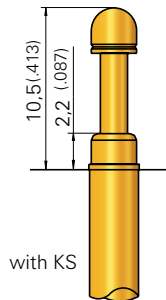
Mounting and Functional Dimensions



Collar Height and Installation Height

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

Collar Height	Installation Height (without Receptacles)
02	10,3 mm (.406)
05	13,3 mm (.524)
10	18,3 mm (.720)



with KS

Mechanical Data

Working Stroke: 4,0 mm (.157)
Maximum Stroke: 5,3 mm (.209)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 1,0 N (3.6oz)***; 2,25 N (8.1oz); 3,0 N (10.8oz)

Electrical Data

Current Rating: max. 24 A
 with Spring Force $\geq 1,5$ N + Plunger of BeCu
 **** Spring force $< 1,5$ N are not recommended for high-current applications
R_i typical: < 10 m Ω

Operating Temperature

Standard: -100° up to +200° C

Materials

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

Mounting Hole Size

HSS-120 and KS-113:
with Receptacle: $\varnothing 2,98 - 2,99$ mm (.1173 - .1177)
without Receptacle: $\varnothing 2,65$ mm (.1043)

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 02		A	4,00	(.157)
3 03		A		
3 05		A		
3 05		A	3,00	(.118)
3 05**		S		
3 06		A	3,00 4,00	(.118) (.157)
3 17		A		
3 19		A		
2 51*		A		
3 53***		S		
3 55*		A		

* Tip Length 5 mm (.197) - Installation Height with Collar Height 02: 12,5 mm (.492)
 ** pressed-in Silver stud
 *** pressed-in Silver stud, Tip Length 3,5 mm (.138) Installation Height plus 0,5 mm (.020)

Applications:

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

Tools:

Insertion and Extraction Tools for HSS see Page 118.

Note:

Screw-in Version see HSS-120 ... M on Page 145.

Ordering Example

Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold S = Silver	Spring Force (dN)	Collar Height (mm)
Test Probe:	HSS	120	306	300	A	1502
Receptacles for HSS-120:	KS-113	30	KS-113	23	KS-113	46