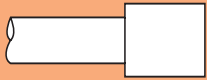
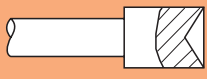



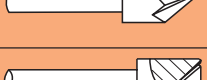



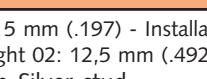


High-Current Probe up to 24 A
 Installation Height: 10,3 / 13,3 / 18,3 mm (.406- .720)
 Recommended Stroke: 4,0 mm (.157)

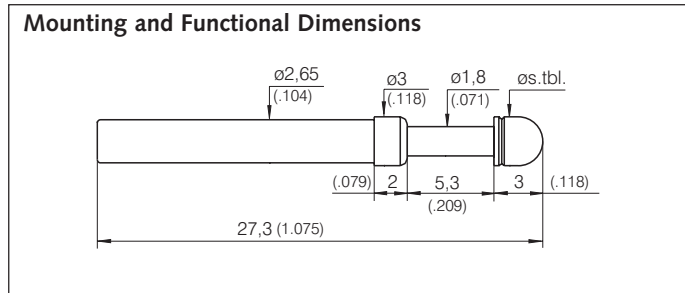
Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

HSS 120

Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Ø	Øinch	
3	02 	A	Ø 2,30 (.091)	4,00	(.157)
3	03 	A	Ø 3,00 (.118)		
3	05 	A	Ø 2,30 (.091)	3,00	(.118)
3	05 ** 	S	Ø 3,00 (.118)		
3	06 	A	Ø 2,30 (.091)	3,00 4,00	(.118) (.157)
3	17 	A	Ø 3,00 (.118)		
3	19 	A	Ø 3,00 (.118)		
2	51 * 	A	Ø 2,30 (.091)		
3	53 *** 	S	Ø 3,00 (.118)		
3	55 * 	A	Ø 3,00 (.118)		

* 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 3,5mm (.138) Installation Height plus 0,5mm (.020)

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



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: 0,3 N (1.1oz); 0,6 N (2.2oz); 1,0 N (3.6oz); 2,25 N (8.1oz)

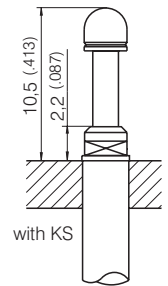
Collar Height and Installation Height

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

Collar Height	Installation Height
02	10,3 mm (.406)
05	13,3 mm (.524)
10	18,3 mm (.720)

Electrical Data

Current Rating: max. 24 A
 with Spring Force ≥1,5 N and Plunger made of BeCu
 R_i typical: < 10 mΩ



Operating Temperature

Standard: -40° up to +80° C
 with 1,5 N and 2,25 N Spring: -100° up to +200° C

Mounting Hole Size for HSS - 120 and KS - 113

with Receptacle: Ø 2,98 - 2,99 mm (.1173- .1177)
 without Receptacle: Ø 2,65 mm (.1043)

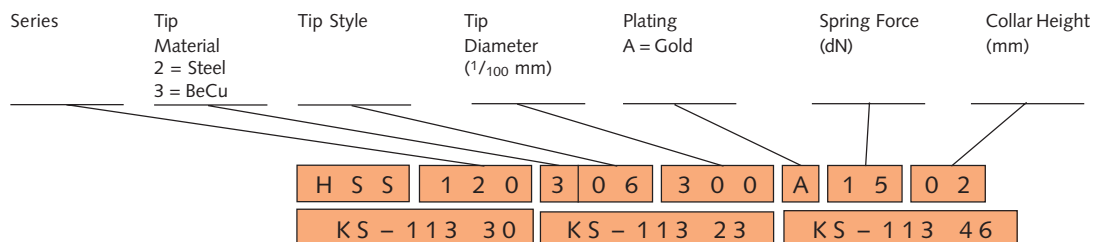
Materials

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

Note to HSS - 120 and KS - 113:
 HSS-120 are used with Receptacles of the series KS-113 > see Page 42.
 Insertion and Extraction Tools for HSS and KS > see Page 80.

Screw-in Version:
 > see HSS-120 ... M on Page 91.

Ordering Example:



Test Probe:

Receptacles for HSS-120: