


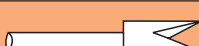
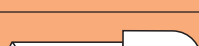

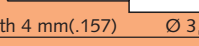






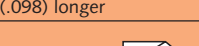
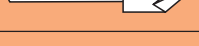


Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating	Ø	Special Versions	
				Ø	Ø(inch)
2	01 	R	Ø 1,80 (.071)		
3	02 	A	Ø 1,40 (.055) Ø 2,30 (.091)	0,80 (.031) 1,00 (.039) 1,80 (.071) 3,00 (.118) 4,00 (.157)	
3	03 	A	Ø 2,30 (.091)	3,00 (.118) 4,00 R (.157)	
2	04 	R	Ø 2,30 (.091)	1,80 (.071) 3,00 (.118)	
3	05 	A	Ø 2,30 (.091)	0,80 (.031) 1,40 (.055) 3,00 R (.118)	
3	55 	R	Tip Length 4 mm(.157) Ø 3,00 (.118)		
3	06 	R	Ø 2,30 (.091)	3,00 A (.118) 3,50 (.138) 4,00 A (.157) 6,00 (.236) 8,00 (.315)	
2	07 	A	Ø 3,00 (.118)	4,20 R (.165)	
3	12 	A	Ø 1,80 (.071)		
3	13 	R	Ø 1,80 (.071)		
2	14 	R	Ø 1,40 (.055)		
2	15 ** 	A	Ø 1,00 (.039) 2,5 mm (.098) longer		
2	17 	R	Ø 2,30 (.091)	1,80 (.071) 3,00 A (.118)	
3	72 	A	Ø 1,80 (.071)		
2	87 	N	Ø 2,60 (.102)	4,00 (.157)	

\*\* pressed-in Steel Tip in Base Plunger made of Brass

### Ordering Example:

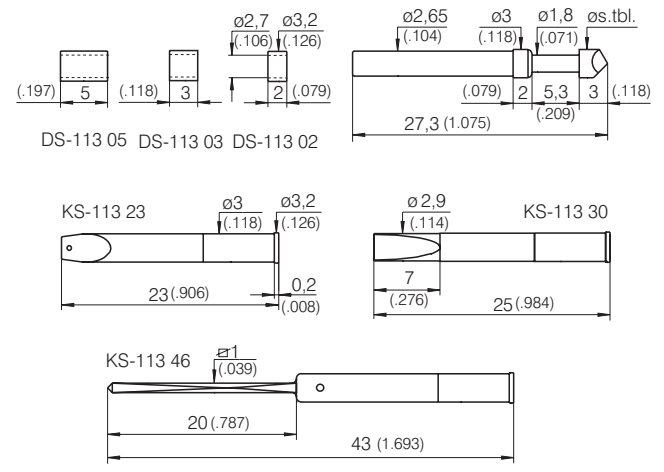
Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold N = Nickel R = Rhodium	Spring Force (dN)	Collar Height (mm)	Special Designation (alternative "C")
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Test Probe:

Receptacles:

G	K	S	1	1	3	3	0	6	2	3	0	R	1	5	0	2	
KS-113			23			KS-113			30			KS-113			46		

### Mounting and Functional Dimensions



### 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: 0,3N (1.1oz); 0,6N (2.2oz); 1N (3.6oz);  
 2,25N (8.1oz); 3N (10.8oz); 5N (18.1oz)

### Collar Height and Installation Height

The Installation Height of the Tip (dimension measured with Receptacle) is defined by the Collar Height.

Collar Height	Installation Height (with KS)
02	10,5 mm (.413)
05	13,3 mm (.524)
10	18,3 mm (.720)

### Electrical Data

Current Rating: 5-8 A  
 R<sub>i</sub> typical: < 30 mΩ (\* >100 mΩ)

### Operating Temperature

Standard: -40° up to +80° C  
 \* with Spec. Designation "C": -100° up to +200° C  
 (1,5 N; 2,25 N; 3,0 N)

### Mounting Hole Size for GKS - 113 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-, rhodium- or chemically nickel-plated  
 Barrel: Brass, gold-plated  
 Spring: Steel, gold-plated or stainless Steel\* (C)  
 Receptacles: Brass, gold-plated

### Note to GKS - 113 and KS - 113:

For Test Probes series GKS-113 Receptacles of the series KS-113 are used.  
 Insertion and Extraction Tools for GKS and KS > see Page 80.  
 Screw-in Versions > see Page 88.