



## Probe 50 mil F111

<b>Centers (mm/mil)</b>	1,27 / 50
<b>Current</b>	3,0 A
<b>Temperature</b>	-20°C...+80°C, -40°C...+250°C H
<b>R typically</b>	65 mOhm

### Spring Force (cN ±20%)

Preload	Nominal Force
20	40
33	70
20	85
40	95

### Travel (mm)

Nominal	Maximum
2,0	2,8
Pointing Accuracy ±0,09 mm	

### Materials and Plating

Plunger	see Tip Style
Barrel	Bronze, gold plated
Spring	Music wire, silver plated
Receptacle	Bronze, Gold plated

### Accessories

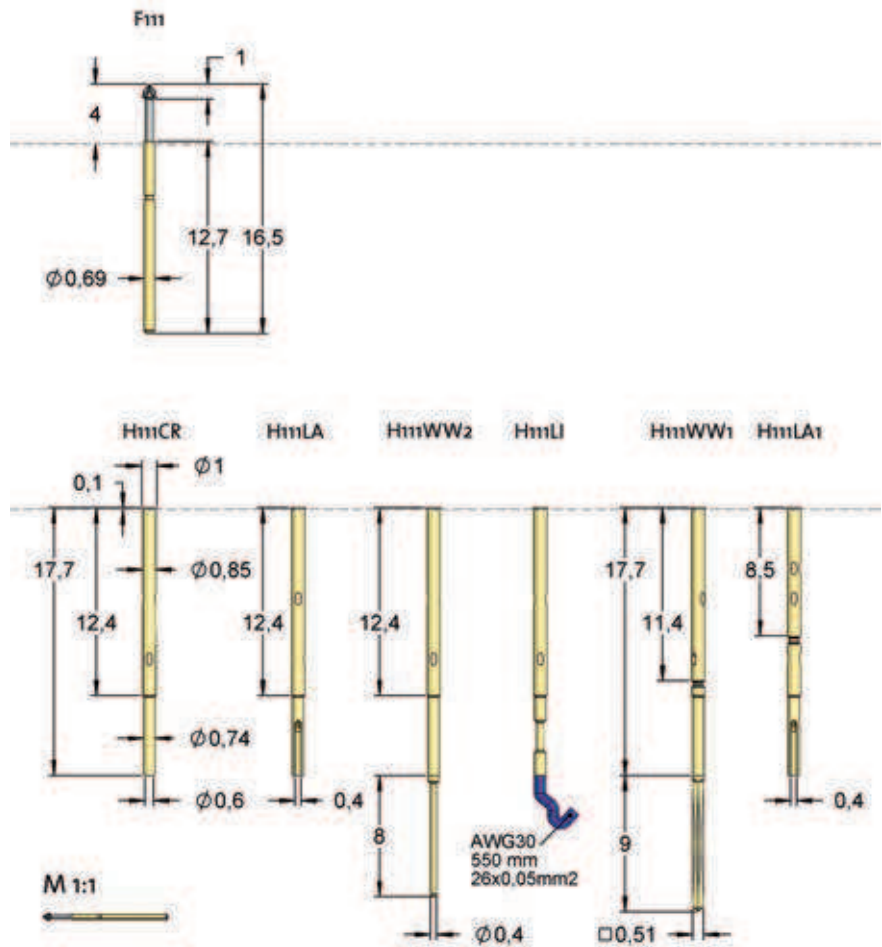
Insertion tool receptacle	FEWZ-511E0
Insertion tool probe	FDWZ-050

### Drill Size [mm]

Receptacle with collar	0,83 - 0,84
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### Projection Height

H111CR / H111LA / H111WW	4,0
H111WW2 / H111LI	4,0
H111WW1	5,0
H111LA2	6,0
H111LA1	8,0



High temperature versions available on request. Special version „E05“ has a projection height of 5.0 mm.

Type	Tip-Ø	Spring Force
F 111	18	S 053 L 095 H
Tip Style	Material	Finish
Material:	B = BeCu, S = Steel	
Tip-Ø:	053 = 0,53 mm (e.g.)	
Finish:	G = Gold, L = Longtime Gold plated, N = Nickel, R = Rhodium	
Special Version:	H = High Temperatur, E05 = Projection Height 5 mm	
Receptacle:	Order Code according drawing	
<b>ORDER EXAMPLE</b>		

Tip Style	Number	Material	Plating	Ø in mm	Version
	01	S	N	0,53	-
	03	S	N	0,53	-
	05	S	L	0,9	-
	05	S	L	1,5	-
	06	B	G	0,9	-
	07	S	N	0,9	-
	09	S	N	0,9	-
	12	S	L	0,9	-
	14	S	N	0,9	-
	18	S	N	0,53	-
	18	S	R	0,53	-
	21	S	N	0,53	-