



# F086

## Internal Contact for RF Probes HF819 and HF860

<b>Centers (mm/mil)</b>	1,27 / 50
<b>Current</b>	3,0 A
<b>R<sub>typ</sub></b>	10 mOhm
<b>Temperature</b>	-20°C...+80°C

### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	75	130
SP	75	130

### Travel (mm)

Version	Nominal	Maximum
Standard	2,0	3,7
SP	2,0	3,7
Pointing Accuracy		±0,05 mm

### Materials and Plating

Plunger	see Tip Style
Barrel	Bronze, gold plated
Spring	Music Wire, gold plated
Receptacle	Nickel silver, gold plated

### Accessories

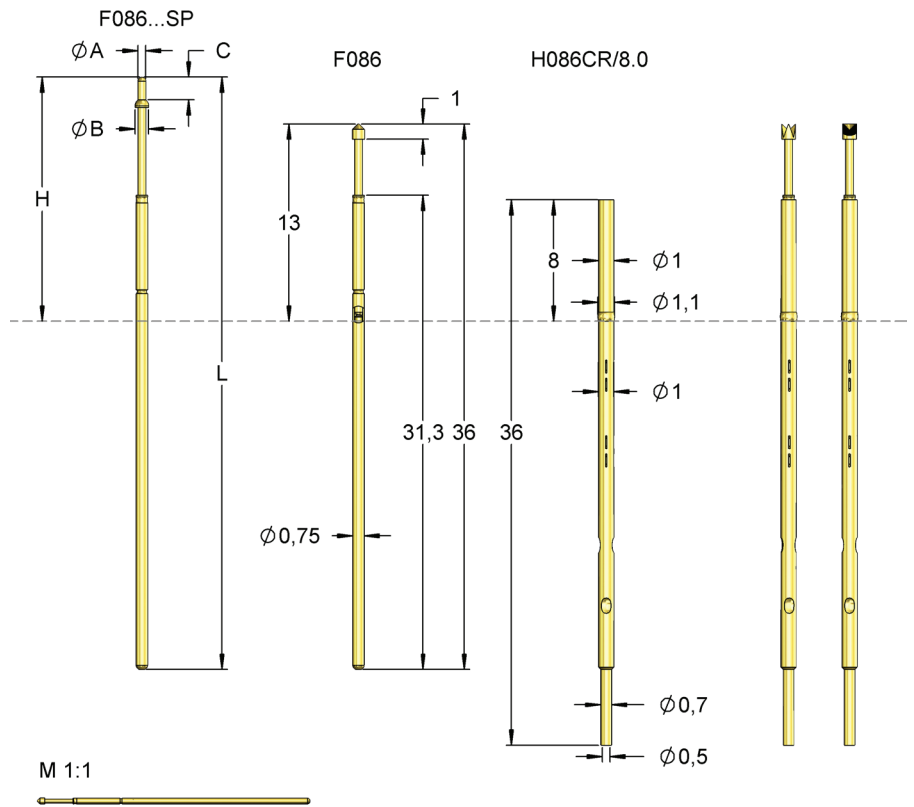
Insertion tool receptacle	FEWZ-050EV
Insertion tool receptacle	FEWZ-050E0
Insertion tool probe	FDWZ-050

### Drill Size (mm)

Receptacle press ring as stop	0,99 - 1,00
Receptacle press ring inserted	1,05 - 1,07

### Projection Height (mm)

H086CR/8.0 with F086	5,0 - 13,0
H086CR/8.0 with F086...SP	8,1 - 16,1



The F086 is mounted in the RF probes HF860 and HF819 as internal contact for signal transmission.

\* deviating from standard, depending on diameter.

Tip Style	Number	Material	Plating	Ø in mm	Version
	02	B	G	0,80	-
	02	B	3,00	G	S1
	02	B	G	1,80	-
	05	B	G	0,90	-
	05	B	G	1,50	-
	11	B	G	0,51	-
	14	B	L	0,90	-
	18	B	G	0,51	-
	55	B	G	0,90	-

Series	Tip-Ø	Spring Force (cN)
<b>F086</b>	<b>14</b>	<b>S 090 L 130</b>
Tip Style	Material	Plating
Version		

**Material:** B = BeCu, S = Steel  
**Tip-Ø:** 090 = 0,90 mm (e.g.)  
**Plating:** G = Gold plated, L = Longtime gold plated  
**Version:** SP = Step Probe (see table)  
**Receptacle:** Order Code according drawing

Order Code	Tip Style	Ø A	Ø B	C	H	L	Version
F08612B0002G130SP *	12	0,51	0,90	1,50	8,10	39,10	SP
F08612B0004G130SP *	12	0,60	0,90	1,50	8,10	39,10	SP
F08612B0003G130SP *	12	max. 0,60	0,90	1,50	8,10	39,10	SP