

## F100...RP

### Wobbling Plunger for Contacting Soldered Pins

<b>Centers (mm/mil)</b>	2,54 / 100
<b>Current</b>	5,0 A
<b>R typ</b>	20 mOhm
<b>Temperature</b>	-20°C...+80°C

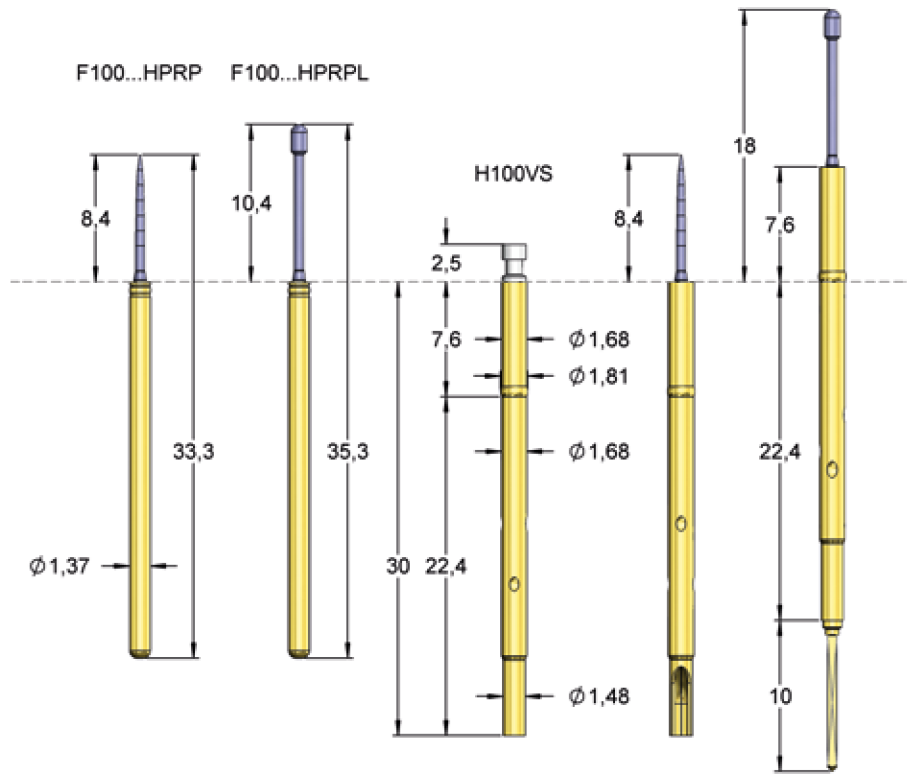
Spring Force (cN ±20%)		
Version	Preload	Nominal
RP	70	100
RP	110	150
HPRP	110	150
HPRPL	200	300

Travel (mm)		
Version	Nominal	Maximum
RP	4,3	6,4
HPRPL	4,3	6,4
Pointing Accuracy		±0,08 mm

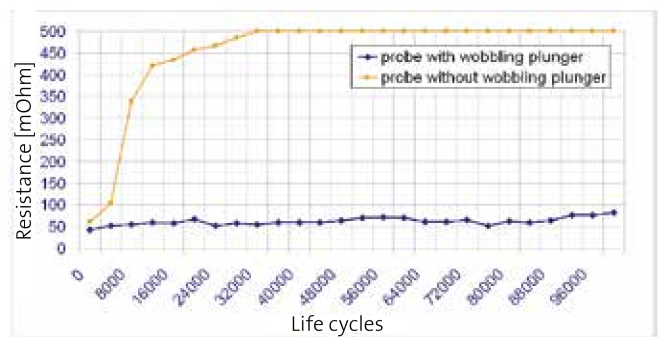
Materials and Plating	
Plunger	see tip style
Barrel	Nickel silver, gold plated
Spring	Music wire, silver plated
Receptacle	Nickel silver, gold plated

Accessories	
Insertion tool receptacle	FEWZ-100EV
Insertion tool receptacle	FEWZ-100E0
Insertion tool probe	FDWZ-100
Plug lock	H100VS

Drill size (mm)	
Receptacle Press ring as stop	1,67 - 1,69
Receptacle Press ring inserted	1,70 - 1,75



The deflection of a wobbling plunger substantially exceeds the function of the flexible needle. The special design of the plunger enables plunger deflections without notable abrasion. High level stress tests with plunger deflection up to 0.8 mm have resulted in outstanding electrical performance and life time of the probe. The diagram shows the comparison to a conventional probe without wobbling plunger. Further information about the receptacles see extra section for receptacle H100.



Series	Tip-Ø	Spring Force (cN)
<b>F100</b>	<b>10</b>	<b>S 060 L 100 RP</b>
Tip Style	Material	Plating

<b>Material:</b>	S = Steel
<b>Tip-Ø:</b>	060 = 0,60 mm (e.g.)
<b>Plating:</b>	L = Longtime Gold plated, P = Functional coating
<b>Version:</b>	HP = Progressive Series, L = Long version, RP = Wobbling Plunger
<b>Receptacle:</b>	Order Code according drawing

Tip Style	Number	Material	Plating	Ø in mm	Version
	10	S	L	0,60	RP
	10	S	P	0,60	HPRP
	12	S	P	1,05	HPRPL