

F075...RP

Wobbling Plunger for Contacting Soldered Pins

Centers (mm/mil)	1,90 / 75
Current	4,0 A
R typ	50 mOhm
Temperature	-20°C...+80°C

Spring Force (cN ±20%)

Version	Preload	Nominal
RP	50	100
RP	70	150

Travel (mm)

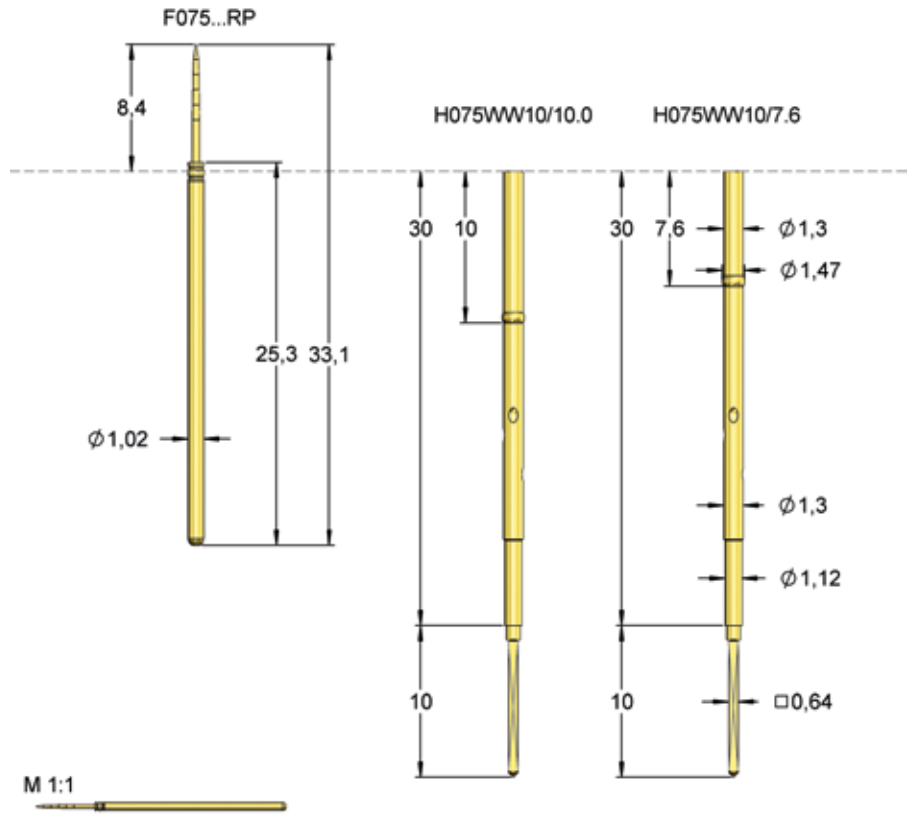
Version	Nominal	Maximum
RP	4,3	6,4
Pointing Accuracy		±0,08 mm

Materials and Plating

Plunger	see tip style
Barrel	Bronze, gold plated
Spring	Music wire, silver plated
Receptacle	Nickel silver, gold plated

Accessories

Insertion tool receptacle	FEWZ-075EV
Insertion tool receptacle	FEWZ-075E0
Insertion tool probe	FDWZ-075
Plug lock	H075VS



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.



Series	Tip-Ø	Spring Force (cN)
F075	10	S 050 L 100 RP
Tip Style	Material	Plating
Version		

Material: S = Steel
Tip-Ø: 050 = 0,50 mm (e.g.)
Plating: L = Longtime Gold plated
Version: RP = Wobbling Plunger
Receptacle: Order Code according drawing

Tip Style	Number	Material	Plating	Ø in mm	Version
	10	S	L	0,50	RP