

Fine Pitch and Double Plunger Probes

Double Plunger Probe for Fine Pitch Components

F680

Centers (mm/mil)	0,75 / 30
Current	0,5 A
Temperature	-20°C...+80°C
R typically	50 mOhm

Spring Force (cN ±20%)

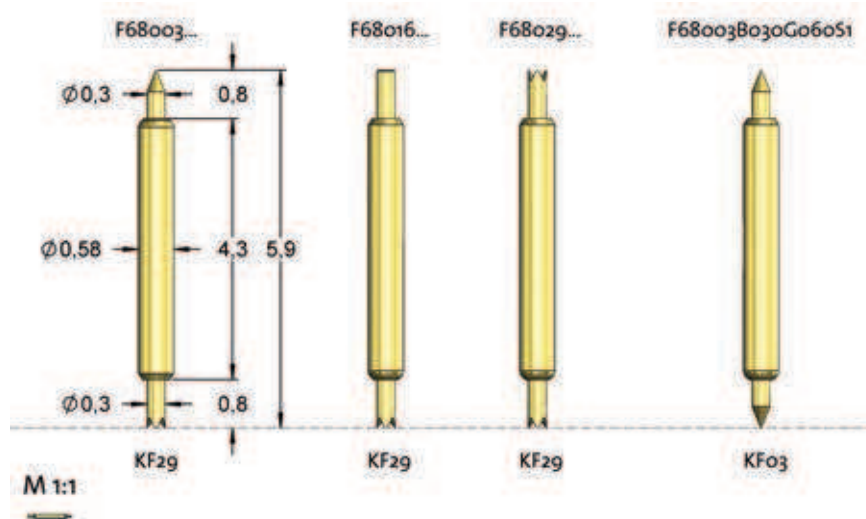
Preload	Nominal Force
20	40
45	60 S1

Travel (mm)

Nominal	Maximum
0,5	1,0
0,5	0,6 S1
Pointing Accuracy	±0,09 mm

Type	Tip-Ø	Spring Force
F 680 03 B 025 G 060 S1		
Tip Style	Material	Finish Special Version
Material:	B = BeCu	
Tip-Ø:	025 = 0,25 mm (e.g.)	
Finish:	G = Gold, R = Rhodium	
Special Version:	S1 = special version, NM = non magnetic	

ORDER EXAMPLE



The version F68029B030R050NM is non-magnetic.

Materials and Plating

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

Drill Size [mm]

F680	0,56 - 0,58
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Tip Style	Number	Material	Plating	Ø in mm	Version
	03	B	G	0,3	S1
	16	B	G	0,3	-
	29	B	G	0,3	-

Double Plunger Probe for Fine Pitch Components

F685

Centers (mm/mil)	0,75 / 30
Current	0,5 A
Temperature	-20°C...+80°C
R typically	50 mOhm

Spring Force (cN ±20%)

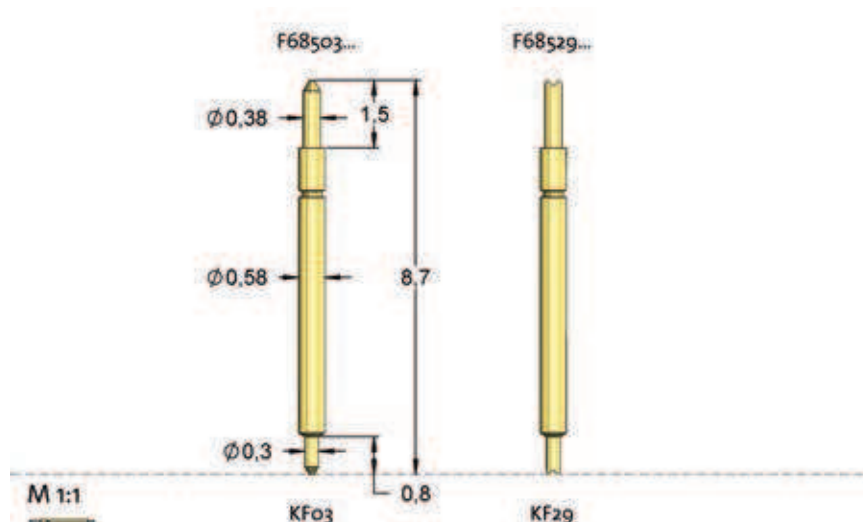
Preload	Nominal Force
10	35

Travel (mm)

Nominal	Maximum
0,8	1,0
Pointing Accuracy	±0,04 mm

Type	Tip-Ø	Spring Force
F 685 03 S 038 L 035		
Tip Style	Material	Finish Special Version
Material:	S = Steel	
Tip-Ø:	038 = 0,38 mm (e.g.)	
Finish:	L = Longtime Gold plated	

ORDER EXAMPLE



Materials and Plating

Plunger	see Tip Style
Barrel	Bronze, gold plated
Spring	Stainless steel, gold plated

Drill Size [mm]

F685	0,57 - 0,58
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Tip Style	Number	Material	Plating	Ø in mm	Version
	03	S	L	0,38	-
	29	S	L	0,38	-