

PUSH BACK PROBES

VF3

Push Back Probe 118 mil Round Tip Styles

Centers (mm/mil)	3,00 / 118
Contin. current	8,0 A
Current (Switch Receptacle)	1,0 A
R typ	30 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	100	500
Standard	200	1000
Standard	300	1500
S1	1090	1500

Travel (mm)

Version	Nominal	Maximum
Standard	5,0	5,5
S1	1,5	3,5
Thread (M)	2,0x0,2	
Wrench Size	2,2	

Materials and Plating

Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, gold plated
Receptacles	Brass, gold plated

Accessories

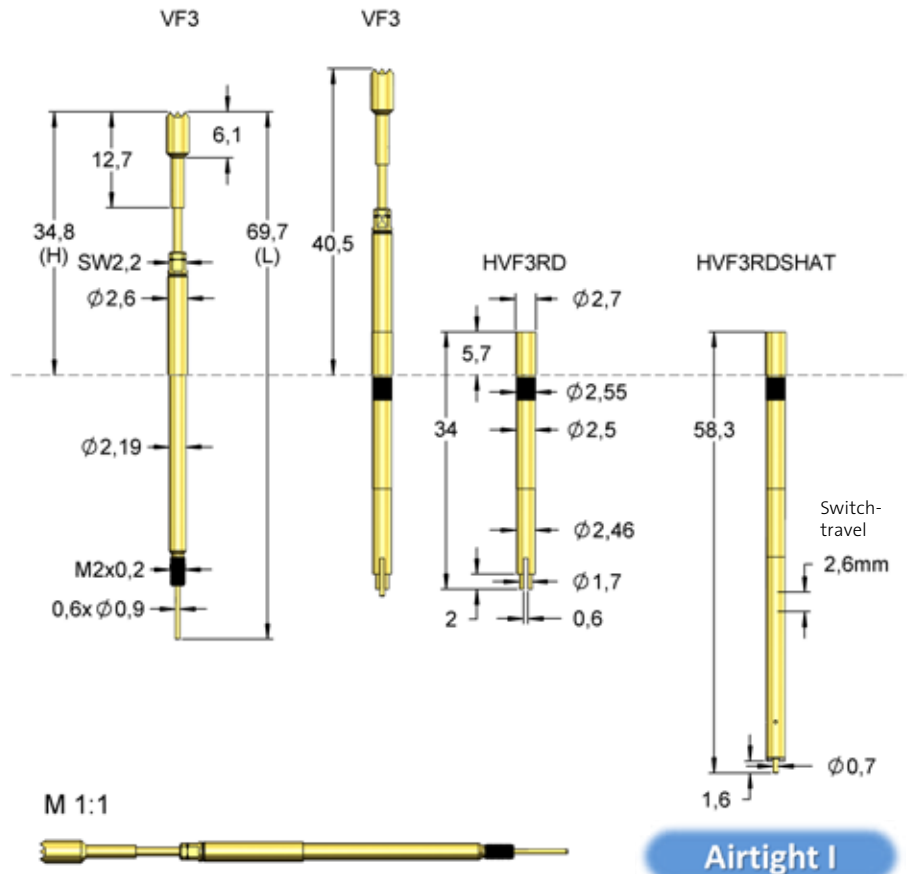
Alignment tool receptacle	FAWZVF3
Screw-in tool probe max. Tip-Ø 2,3 mm	FWZVF3S4 (T)
Screw-in tool probe max. Tip-Ø 2,7 mm	FWZVF3 (T)
Screw-in tool probe max. Tip-Ø 4,0 mm	FWZVF3S3 (T)

Drill Size (mm)

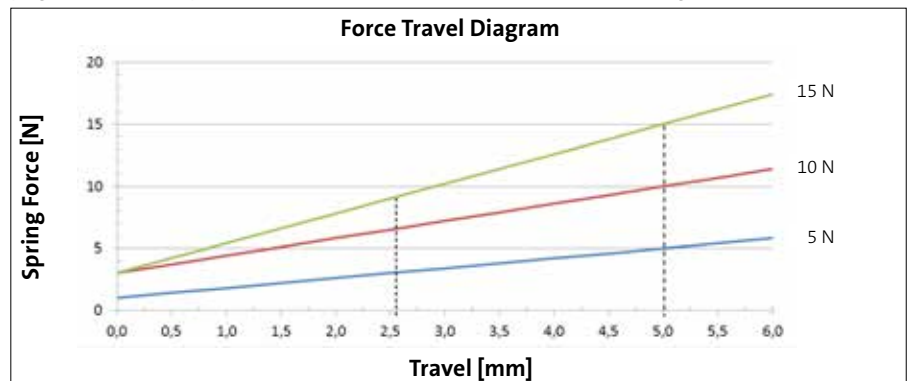
Receptacle without knurl	2,48 - 2,49
Receptacle with knurl	2,52 - 2,55

Series	Tip-Ø	Spring Force (N)
VF3	05	190
	B	G
		15
	Tip Style	Material
		Plating
		Version

Material:	B = BeCu
Tip-Ø:	190 = 1,90 mm (e.g.)
Plating:	G = Gold plated
Version:	L = Long version, S1 = Special version
Receptacle:	Order code according drawing



For the permissible leakage rate see information in the technical introduction on page 12. The receptacle HVF3SHATS1 is available with a switching travel of 4.5 mm.



Tip Style	Number	Material	Plating	Ø in mm	Version
	05	B	G	1,90	-
	05	B	G	2,20	-
	05	B	G	3,00	-
	06	B	G	2,00	S1
	06	B	G	2,70	-
	06	B	G	3,00	-
	12	B	G	2,30	-
	17	B	G	1,50	-
	17	B	G	1,80	-
	17	B	G	2,30	-
	17	B	G	3,00	-

PUSH BACK PROBES

VF3

Push Back Probe 118 mil Spade Tip Styles

Centers (mm/mil)	3,00 / 118
Contin. current	8,0 A
Current (Switch Receptacle)	1,0 A
R typ	30 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	100	500
Standard	200	1000
Standard	300	1500

Travel (mm)

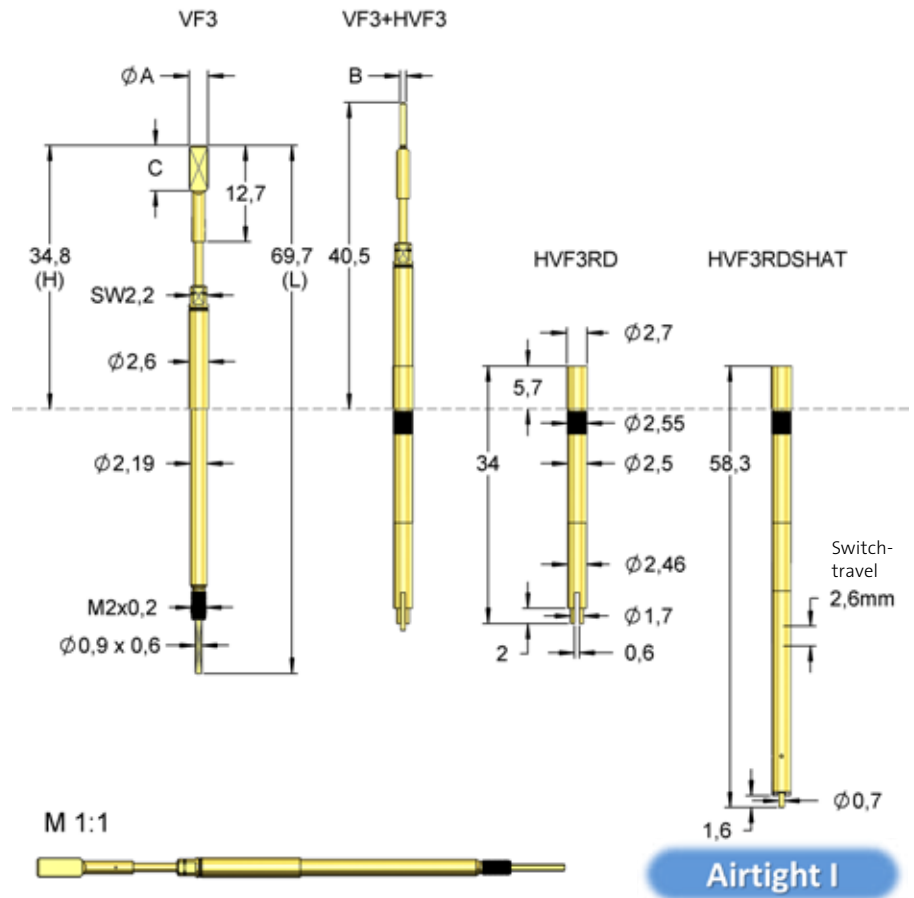
Version	Nominal	Maximum
Standard	5,0	5,5
Thread (M)		2,0x0,2
Wrench Size		2,2

Materials and Plating

Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, gold plated
Receptacles	Brass, gold plated

Drill Size (mm)

Receptacle without knurl	2,48 - 2,49
Receptacle with knurl	2,52 - 2,55



For the permissible leakage rate see information in the technical introduction on page 12. The receptacle HVF3SHATS1 is available with a switching travel of 4.5 mm. All receptacles also available without knurl (RD).

Order Code	Number	Ø A	B	C	H	L	Version	Screw-in tool
VF380B0002Gxx	80	1,40	0,50	6,00	34,80	69,70	-	FWZVF3 (T)
VF380B0001Gxx	80	1,60	0,50	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0004Gxx	83	1,90	0,50	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0004G15L	83	1,90	0,50	12,00	40,80	75,70	L	FWZVF3 (T)
VF383B0005Gxx	83	1,90	0,80	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0009G15L	83	2,10	0,70	12,00	40,80	75,70	L	FWZVF3 (T)
VF383B0007G15	83	2,20	1,20	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0002G15	83	2,50	0,50	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0001Gxx	83	2,50	0,80	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0003Gxx	83	2,50	1,50	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0008Gxx	83	2,70	0,80	6,00	34,80	69,70	-	FWZVF3 (T)
VF383B0010G15	83	2,70	0,80	10,00	38,80	73,70	S1	FWZVF3 (T)
VF383B0006G15	83	4,00	0,60	10,00	38,80	73,70	S1	FWZVF3S3 (T)