



FEINMETALL
Contact Technologies

F419 (NO)

Switch Probe 256 mil Long Travel, Threaded

Centers (mm/mil)	6,50 / 256
Current	10,0 A
Current (Switch)	1,0 A
R typ	20 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	200	400

Travel (mm)

Version	Nominal	Maximum
Standard	11,0	16,0
Switch travel (mm)		2,0
Thread (M)		4,0x0,5
Wrench Size		5,0
Pointing Accuracy		±0,06 mm

Materials and Plating

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

Accessories

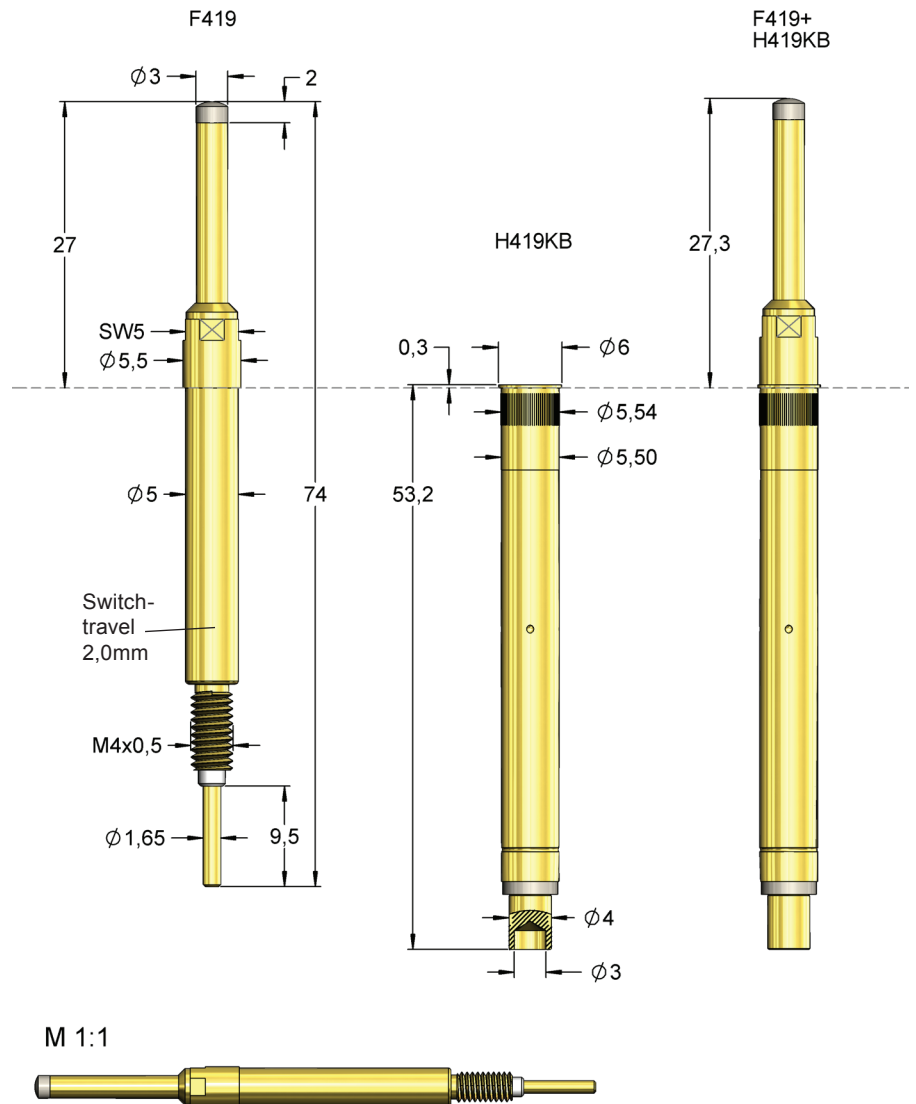
Insertion tool receptacle	FEWZ-340E0
Screw-in tool probe	FWZ888 (T)

Drill size (mm)

Receptacle with knurl	5,50 - 5,54
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Projection Height (mm)

H419KB	27,3
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This probe is often used for detecting if a DUT is inserted in test fixtures. The switch function of the probe is activated when the lid of the fixture closes and pushes down the DUT (switch travel of 2,0 mm). The high maximum travel of 16 mm still allows to cover the whole fixture travel of further 10 to 14 mm.

Series	Tip-Ø	Spring Force (cN)
F419 11 K 300 U 400		
Tip Style	Material	Plating
		Version

Material: K = Synthetic
Tip-Ø: 300 = 3,00 mm (e.g.)
Plating: U = Unplated
Receptacle: Order Code according drawing

Tip Style	Number	Material	Ø in mm	Plating	Version
	11	K	3,00	U	-