

# THREADED PROBES

## F175

### Threaded Probe 75 mil Standard

<b>Centers (mm/mil)</b>	1,90 / 75
<b>Contin. current</b>	4,0 A
<b>R typ</b>	20 mOhm
<b>Temperature</b>	-45°C...+100°C

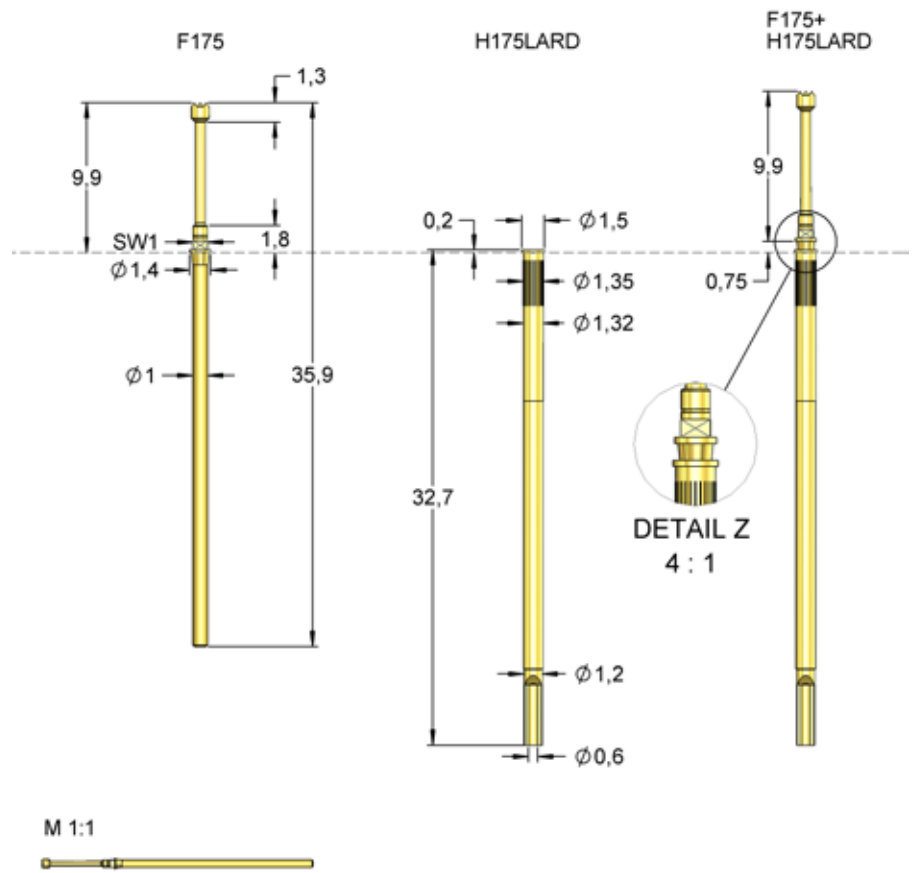
Spring Force (cN ±20%)		
Version	Preload	Nominal
Standard	50	100
Standard	70	150
Standard	100	280

Travel (mm)		
Version	Nominal	Maximum
Standard	4,3	6,4
Thread (M)		1,0
Wrench Size		1,0

Materials and Plating	
Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, silver plated
Receptacles	Brass, gold plated

Accessories	
Insertion tool receptacle	FEWZ-075E0
Screw-in tool probe max. Tip-Ø 1,5 mm	FWZ730S1 (T)

Drill Size (mm)	
H175LARD	1,32 - 1,34



Due to the cone below the probe collar, the probe including receptacle looks 0.75mm more out of the mounting plate than just the probe. As a shorter solution to the F175 we offer the F176 on our homepage.

Series	Tip-Ø	Spring Force (cN)
<b>F175</b>	<b>05</b>	<b>B 120 G 150</b>
	Tip Style	Material Plating Version

**Material:** B = BeCu, S = Steel  
**Tip-Ø:** 120 = 1,20 mm (e.g.)  
**Plating:** G = Gold plated, L = Longtime gold plated  
**Receptacle:** Order code according drawing

Tip Style	Number	Material	Plating	Ø in mm	Version
	05	B	G	1,20	-
	06	B	G	1,20	-
	11	B	G	0,50	-
	11	B	G	0,64	-
	12	B	G	0,78	-
	17	B	G	1,20	-
	18	B	G	0,64	-
	18	B	G	0,78	-
	21	S	L	0,64	-
	30	S	L	0,64	-