

Type	Current	Temperature	R _{typically}
F050	3,0 A	-20°...+80°C	<20 mOhm
F050...L	3,0 A	-20°...+80°C	<20 mOhm

Standard Probe 50 mil F050 / F050...HP

The F050 can be delivered in standard length and in the long version. The receptacle H050 has a press ring to realize variable projection heights. It is available with Crimp- (CR) or Solder-Connection (LA). The receptacle H050DR has a 1000 mm long cable (AWG30).

Mechanical Specifications

Travel (mm)

Nominal:	4,3	4,3 (HP)
Maximum:	6,4	5,0 (HP)

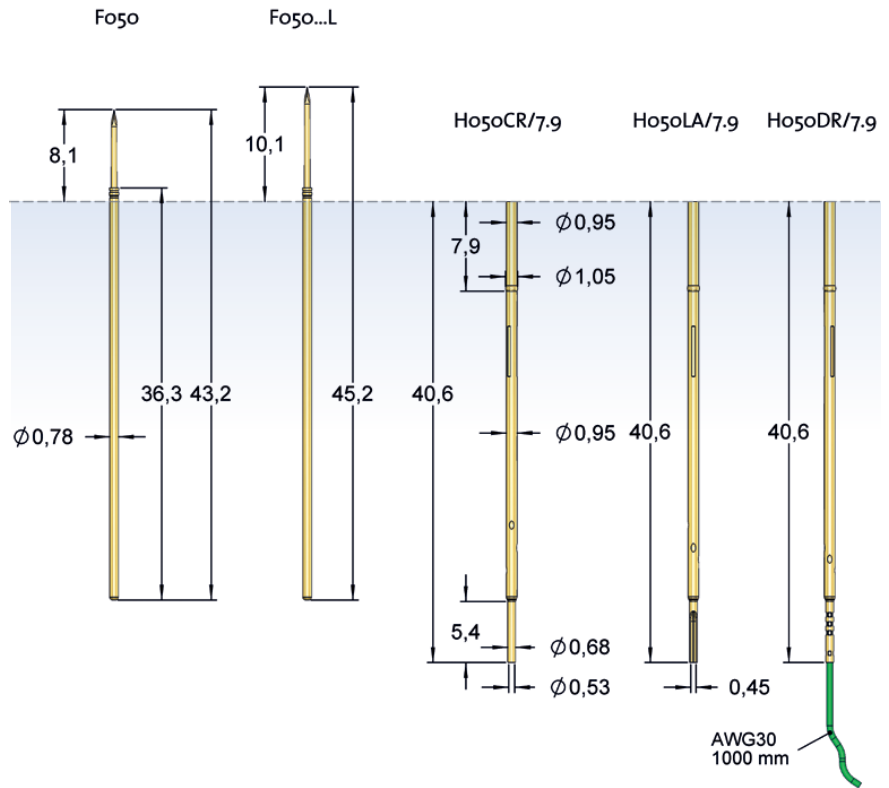
Spring Force (cN)

Nominal Force:	150	200	200 (HP)
Preload:	60	70	120 (HP)

Pointing Accuracy: ± 0,05 mm

Materials and Plating

Plunger:	see Tip Style
Barrel:	Bronze, Gold plated
Spring:	Music wire, Gold plated
Receptacle:	Bronze, Gold plated



Drill Size H050... (mm)

Material	press ring as stop	press ring inserted
EP 105 (CEM1, Trolitax)	0,96 - 0,97	0,98 - 1,00
HGW 2372.1 (FR4)	0,97 - 0,98	0,99 - 1,01

Projection Height (mm)

	H050xx/7.9
F050	8,1 - 16,0
F050...L	10,1 - 18,0

Type	Tip-Ø	Spring Force
F050	33 S	050
	L	150
		L
	Tip Style	Material
		Finish
		Special Version
Material:	B = BeCu, S = Steel	
Tip-Ø:	050 = 0,50 mm (e.g.)	
Finish:	G = Gold, L = Longtime Gold plated, P = Functional coating	
Special Version:	HP = Progressive Series	
	L = Long Version	
Receptacle:	Order Code according drawing	

ORDER EXAMPLE

F050 | Tip Styles, Material, Plating, Tip-Ø (mm)

06 BeCu; G Ø 0,90	11 BeCu; G Ø 0,50	21 Steel; L Ø 0,50	33 Steel; L Ø 0,50 L-Version available	43 Steel; L Ø 0,50
33 Steel; P Ø 0,50	43 Steel; P Ø 0,50	62 Steel; P Ø 0,50		