

Type	Current	Temperature	R _{typically}
F075	4,0 A	-20°...+80°C	<20 mOhm
F075...L	4,0 A	-20°...+80°C	<20 mOhm
F075...HP	4,0A	-20...+80°C	<30mOhm

Standard Probe 75 mil F075 / F...075

The F075 permits a high spring force because of the flange at the end of the barrel. This design also allows good plunger guidance in the fixture guiding plate. The receptacle with press ring enables variable projection heights. Further projection heights can be realized by using receptacles H075WW10/2.0S1 and H075WW10/2.0S2.

Mechanical Specifications

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

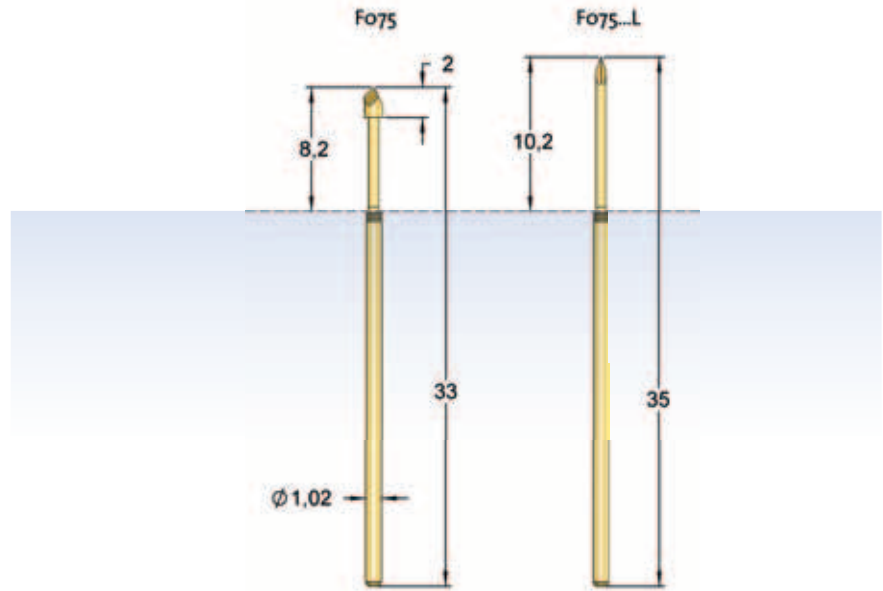
Spring Force (cN ±20%)		
Nominal Force:	130	180 280
Preload:	60	70 90

Spring Force (cN ±20%) (Progressive)		
Nominal Force:	130	200 250
Preload:	60	110 150

Pointing Accuracy: ± 0,08 mm

Materials and Plating

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



Receptacles
see page 22

F075 | Tip Styles, Material, Plating, Tip-Ø (mm)

05 BeCu; G Ø 1,20	06 BeCu; G Ø 1,20	10 Steel; L Ø 0,64	11 BeCu; G Ø 0,64 L-Version available	14 Steel; L Ø 0,78
15 BeCu; G Ø 1,20	17 BeCu; G Ø 1,20	18 BeCu; G Ø 0,78	21 Steel; L Ø 0,64 L-Version available	30 Steel; L Ø 0,64
33 Steel; L Ø 0,64 L-Version available	36 BeCu; G Ø 1,20	37 BeCu; G Ø 0,50	38 Steel; L Ø 0,64 L-Version available	43 Steel; L Ø 0,64
63 Steel; L Ø 1,20	21 Steel; P Ø 0,64	33 Steel; P Ø 0,64	43 Steel; P Ø 0,64	62 Steel; P Ø 0,64

Type	Tip-Ø	Spring Force
F075	33 S 064 L	280 L
Tip Style	Material	Finish
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:	L = Long Version	
	HP = Progressive Series	
Receptacle:	Order Code according drawing	
ORDER EXAMPLE		