

Type	Current	Temperature	R <sub>typically</sub>
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)

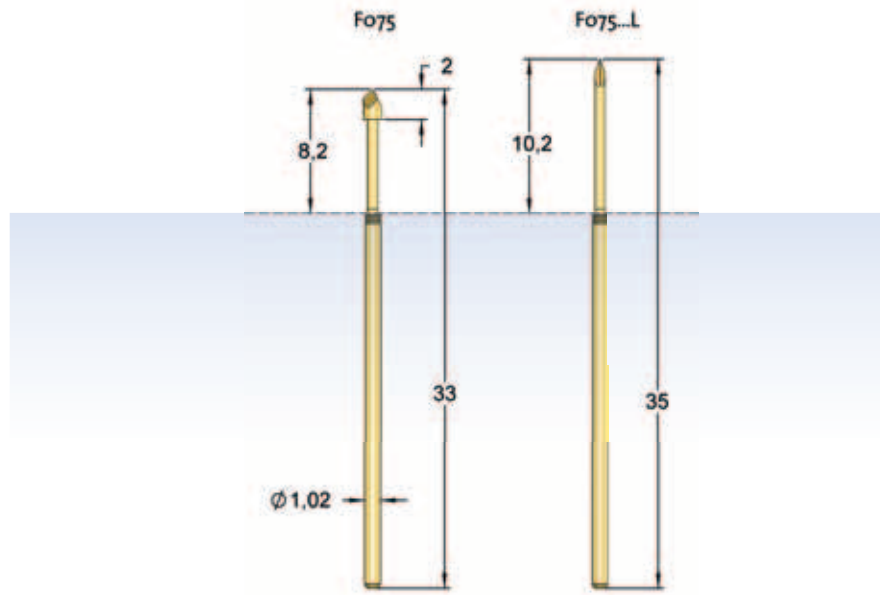
Spring Force (cN ±20%)			
Nominal Force:	130	180	280
Preload:	60	70	90

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)

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

Type	Tip-Ø	Spring Force
<b>F075</b>	<b>33 S 064 L</b>	<b>280 L</b>
Tip Style	Material	Finish
<b>Material:</b>	B = BeCu, S = Steel	
<b>Tip-Ø</b>	050 = 0,50 mm (e.g.)	
<b>Finish:</b>	G = Gold, L = Longtime Gold plated,	
	P = Functional coating	
<b>Special Version:</b>	L = Long Version	
	HP = Progressive Series	
<b>Receptacle:</b>	Order Code according drawing	

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