

For In-Circuit- and Functional Test (ICT/FCT)

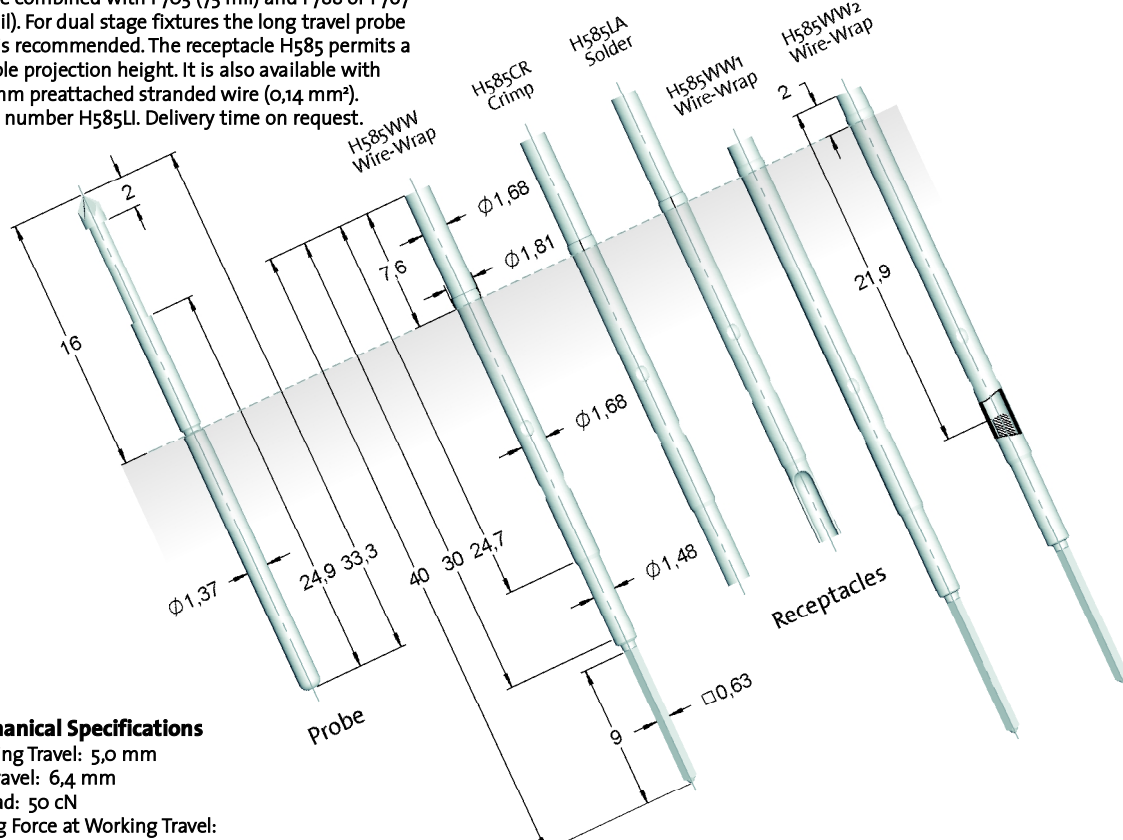
F585

Centers* 2,54 mm/100 mil

	Current	Temperature
Standard	3,0 A	-20°... +80° C
H-Version ¹	3,0 A	-40°... +250° C

¹ On Request

Can be combined with F703 (75 mil) and F788 or F767 (50 mil). For dual stage fixtures the long travel probe F588 is recommended. The receptacle H585 permits a variable projection height. It is also available with 500 mm preattached stranded wire (0,14 mm²). Order number H585LI. Delivery time on request.



Mechanical Specifications

Working Travel: 5,0 mm
Full Travel: 6,4 mm
Preload: 50 cN
Spring Force at Working Travel:
130 cN ±20% (Standard)
200 cN ±20% (Standard and H-Version)
300 cN ±20% (Standard)
450 cN ±20% (On Request)
Mechanical Life 1,5 mill. cycles
75 tsd. cycles (300 cN)
50 tsd. cycles (450 cN)
Pointing Accuracy: ±0,08 mm

Electrical Specifications

Constant Current: 3,0 A
Typical Probe Resistance: 30 mOhm

Materials and Finishes

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

Projection Height

H585WW/H585CR/H585LA	H585WW1	H585WW2
8,4 - 16,0 mm	8,4 - 10,4 mm	11,4 - 13,4 mm

Plunger Tip Style, Material, Finish and Tip Diameter

05 BeCu; G Ø 1,5 mm	06 BeCu; G Ø 1,3; 1,5 mm	06 BeCu; G (IK) Inside Ø 1,3; 1,5; Outside Ø 2,2;	06 BeCu; G (IK) 2,5; 3,5 mm 3,2; 4,0 mm	07 Steel; L Ø 1,5 mm
10 Steel; L Ø 0,63 mm	11 BeCu; G Ø 1,05 mm	12 BeCu; G Ø 1,5 mm	14 BeCu/Steel Ø 1,3; 1,5 mm, G Ø 1,3; 1,5 mm, L	15 BeCu; G Ø 1,5; 2,5 mm
18 BeCu/Steel Ø 1,05 mm, G Ø 1,05 mm, L	21 Steel; L Ø 1,05 mm	30 BeCu; G Ø 1,05 mm	33 Steel; L Ø 1,05 mm	35 Steel; L Ø 1,45 mm
36 BeCu/Steel Ø 1,37 mm, G Ø 1,37 mm, L	38 Steel; L Ø 1,05 mm	60 BeCu; G Ø 0,46 mm	63 BeCu; G Ø 1,5 mm	64 BeCu; G Ø 0,46 mm

Order Example

Type	Tip Diameter	Spring Force
F585	05B	150 G
200 H		
Tip Style	Material	Plunger Finish
		Special Version (optional)
Material:	B = BeCu, S = Steel	
Tip Diameter:	1,5 mm = 150	
Plunger Finish:	G = Gold plated, L = Longtime gold plated,	
Special Version:	H = High Temperature Probe	
	IK = Insulation Head	
Receptacle:	Order Number see drawing	

* Centers depend on chosen tip diameter