

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

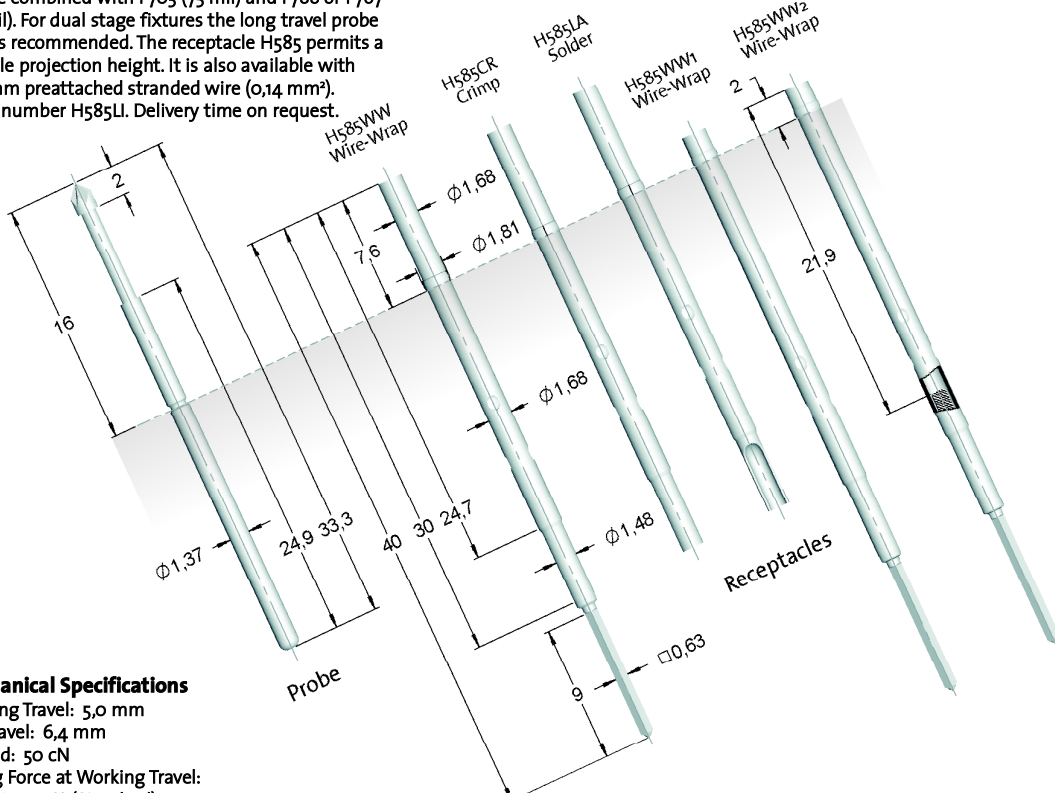
F585

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

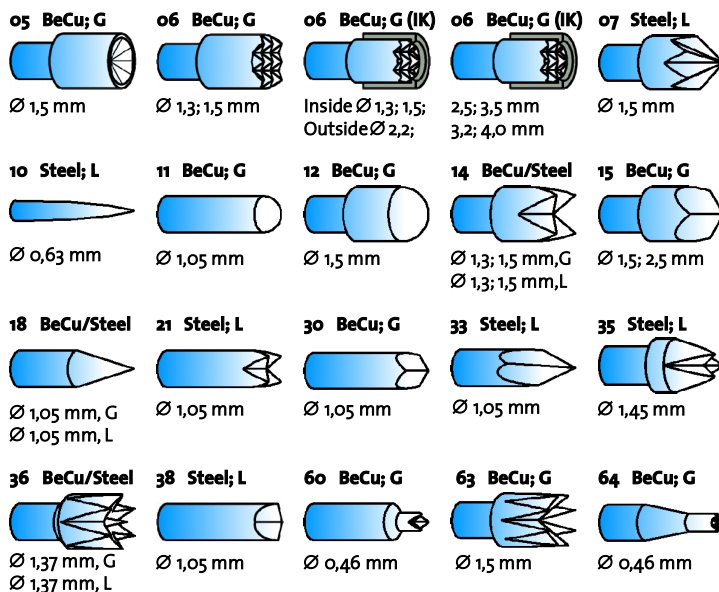
Materials and Finishes

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



Order Example

Type: **F585** Tip Diameter: **05B 150** Spring Force: **G 200** Special Version (optional): **H**

Tip Style: **05B** Material: **150** Plunger Finish: **G** Special Version (optional): **H**

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

Standard Probes
 FEINMETALL GMBH • D-71083 Herrenberg • Phone +49(0)7032/2001-0, Fax +49(0)7032/2001-28 • www.feinmetall.de • Edition 08/2005 • Specifications subject to change without notice • Dimensions in mm