

### Test System: Spea (Easytest/Unitest)

#### Mechanical Specifications

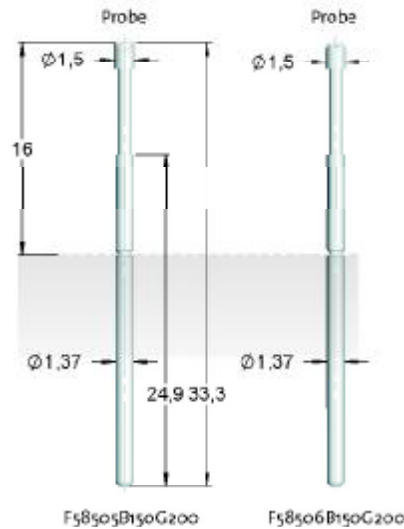
Projection Height: 8,4 - 16,0 mm  
 Working Travel: 5,0 mm  
 Full Travel: 6,4 mm  
 Preload: 50 cN  
 Spring Force at Working Travel: 200 cN  $\pm 20\%$   
 Mechanical Life: 1,5 mill. cycles  
 Pointing Accuracy:  $\pm 0,08$  mm  
 Operating Temperature:  $-20^{\circ}\dots +80^{\circ}$  C

#### 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: H585 (see page 23)



### Test System: Teradyne (Spectrum 885xx)

#### Mechanical Specifications

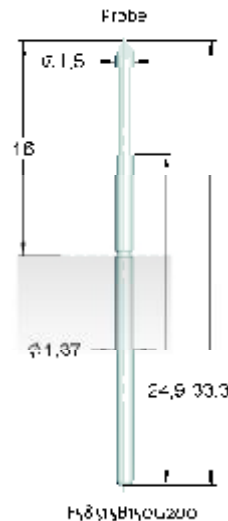
Projection Height: 8,4 - 16,0 mm  
 Working Travel: 5,0 mm  
 Full Travel: 6,4 mm  
 Preload: 50 cN  
 Spring Force at Working Travel: 200 cN  $\pm 20\%$   
 Mechanical Life: 1,5 mill. cycles  
 Pointing Accuracy:  $\pm 0,08$  mm  
 Operating Temperature:  $-20^{\circ}\dots +80^{\circ}$  C

#### 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: H585 (see page 23)



### Fixtures Interface: Interface Pins

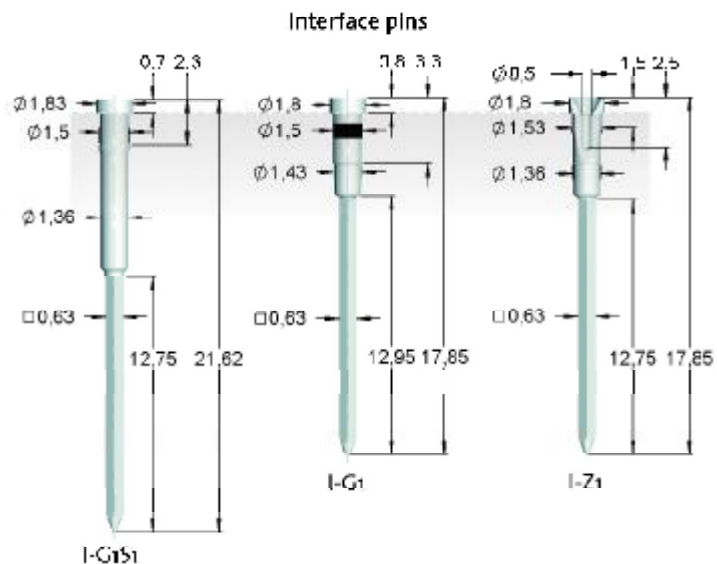
**I-G1:** The barb avoids that the interface-pin is pushed out of the plate. The pin is wired by the wrap-post.

**I-G1:** A knurling on the interface-pin ensures, that it does not move even if the drilling-diameter in the plate is differing. The pin is wired by the wrap-post.

**I-Z1:** The barb avoids that the interface-pin is pushed out of the plate. The inner drilling with the bevel can be used as point of contact as well as centering device for the contact pin. The pin is wired by the wrap-post.

#### Materials and Finishes

Interface pin: Brass, Gold plated



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