

# High-current probe

## HSS-150 317 300 A 9902

Item HSS-150-0022

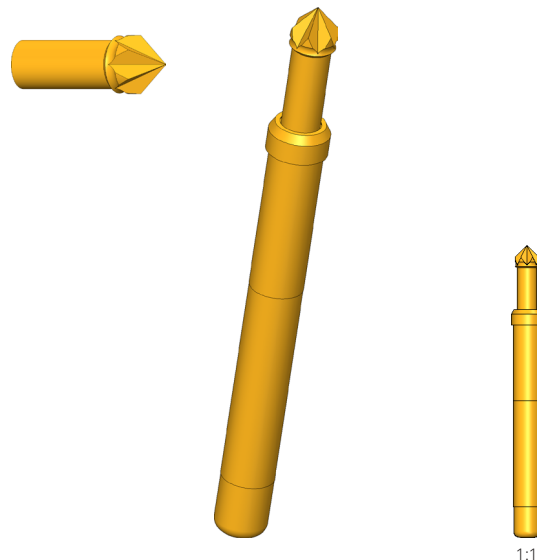


GO TO PRODUCT

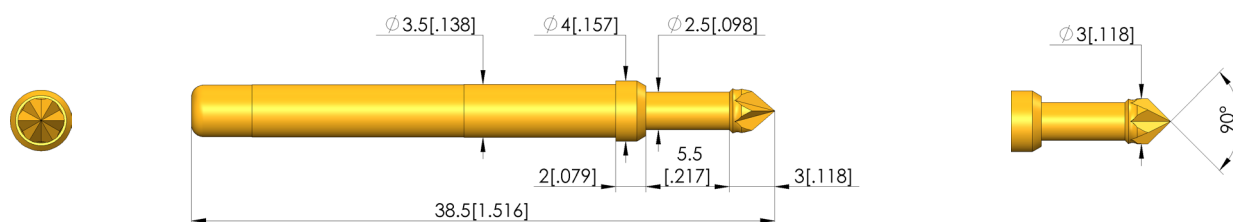
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Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low resistance probe with  $R_i$  typical: < 10 mOhm
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact with DUT
- Optimum adjustment of the stroke ratios in the test fixture: The test probe collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights



1:1



### General data

|                                 |                            |
|---------------------------------|----------------------------|
| Product group:                  | High-current test probe    |
| Sub-product group:              | Standard HSS (press-in)    |
| Series:                         | HSS-150                    |
| Grid:                           | 5.08 mm [200 mil]          |
| Contacting from:                | Pad, Via, Female connector |
| Magnetic:                       | Yes                        |
| Installation type:              | Plug-in                    |
| Quick-exchange system:          | Yes                        |
| Adjustable installation height: | No                         |
| Non-rotating:                   | No                         |
| Compatible receptacle(s):       | KS-150                     |
| Min. temperature:               | - 100 °C [- 212 °F]        |
| Max. temperature:               | + 200 °C [+ 392 °F]        |
| RoHS-compliant:                 | RoHS-3;6c                  |

### Electrical data

|  |          |
|--|----------|
| Current load capacity / rated current: | 50 A     |
| Typical resistance ( $R_i$ ):          | <10 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 38.5 mm [1.51 in] |
| Barrel diameter:                | 3.5 mm [.137 in]  |
| Maximum stroke:                 | 5.5 mm [.216 in]  |
| Spring pre-load:                | 6.11 N [21.9 ozf] |
| Collar height:                  | 02                |
| Spring force at working stroke: | 10 N [35.9 ozf]   |
| Recommended working stroke:     | 4.4 mm [.173 in]  |

### Tip style data

|                     |  |
|---------------------|--|
| Tip style:          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter:       | 3 mm [.118 in]   |
| Tip style surface:  | A gold   |
| Tip style material: | 3 CuBe   |

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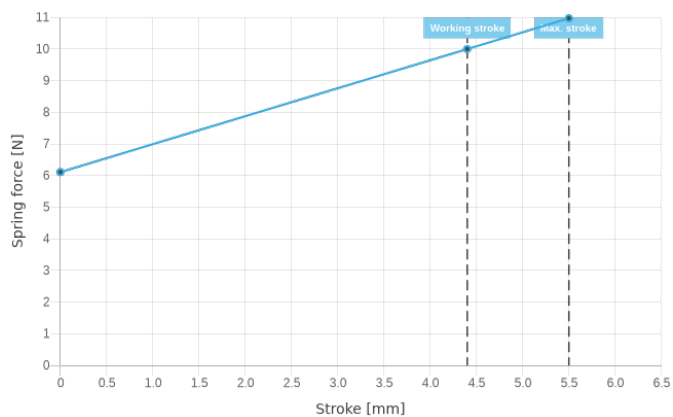
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### INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



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