

# High-current test probe HSS-118 317 175 A 1504

Item HSS-118-0033

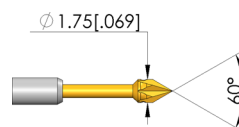
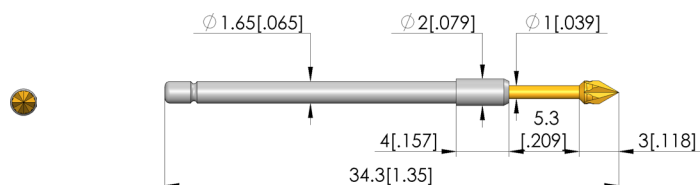
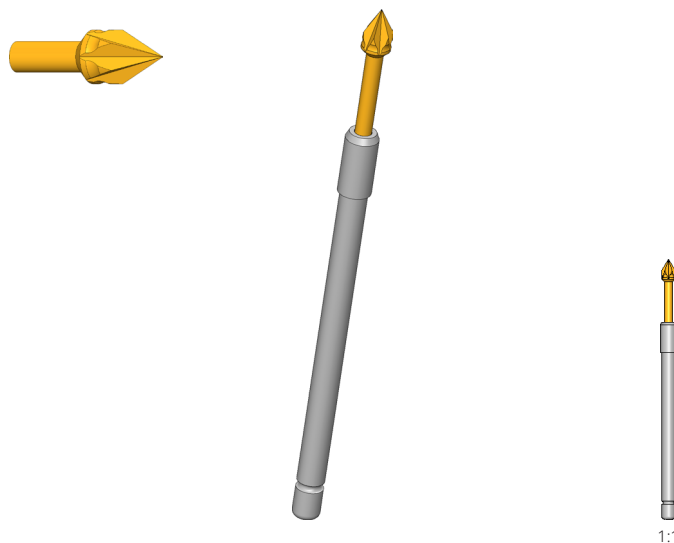


GO TO PRODUCT

**ingun**<sup>®</sup>

Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-Ohm 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



## General data

|                                 |                         |
|---------------------------------|-------------------------|
| Product group:                  | Standard HSS (press-in) |
| Sub-product group:              | Standard HSS (press-in) |
| Series:                         | HSS-118                 |
| Grid:                           | 2.54 mm [100 mil]       |
| Contacting from:                |                         |
| Magnetic:                       | Yes                     |
| Installation type:              | Plug-in                 |
| Quick-exchange system:          | Yes                     |
| Adjustable installation height: | No                      |
| Non-rotating:                   | No                      |
| Compatible receptacle(s):       | KS-112                  |
| Min. temperature:               | -100 °C [-148 °F]       |
| Max. temperature:               | 200 °C [392 °F]         |
| RoHS-compliant:                 | Yes                     |

## Tip style data

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Tip style:          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter:       | 1.75 mm [.068 in]                                      |
| Tip style surface:  | A gold                                                 |
| Tip style material: | 3 CuBe                                                 |

## Electrical data

|                                        |         |
|----------------------------------------|---------|
| Current load capacity / rated current: | 20 A    |
| Typical resistance ( $R_i$ ):          | 10 mOhm |

## Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 34.3 mm [1.35 in] |
| Barrel diameter:                | 1.66 mm [.065 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 0.45 N [1.61 ozf] |
| Collar height:                  | 4                 |
| Spring force at working stroke: | 1.5 N [5.39 ozf]  |
| Recommended working stroke:     | 4 mm [.157 in]    |

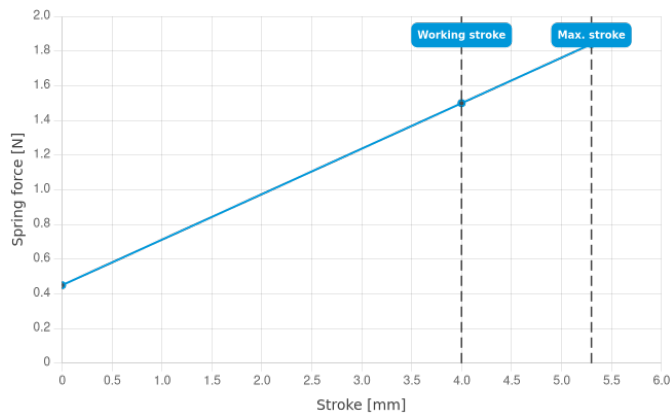
# High-current test probe HSS-118 317 175 A 1504

Item HSS-118-0033



**ingun**<sup>®</sup>

Partner for Future Technology



## 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



Prices and delivery times on request.  
Technical changes reserved. 11/25\_GB

Learn more about  
High-current test probes



ingun.com

HIGH-CURRENT TEST PROBES