# High-current test probe

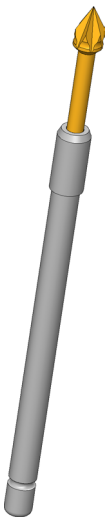
## HSS-118 317 175 A 2204

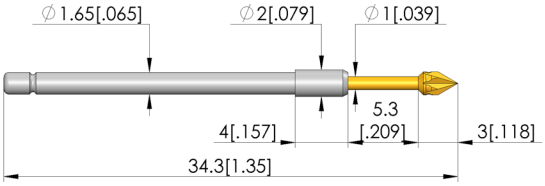
Item HSS-118-0035

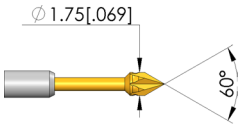
GO TO PRODUCT

ingun®
Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-Ohm probe with Ri 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 (Ri): | 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: | 0.61 N [2.19 ozf] |
| Collar height: | 4 |
| Spring force at working stroke: | 2.25 N [8.09 ozf] |
| Recommended working stroke: | 4 mm [.157 in] |

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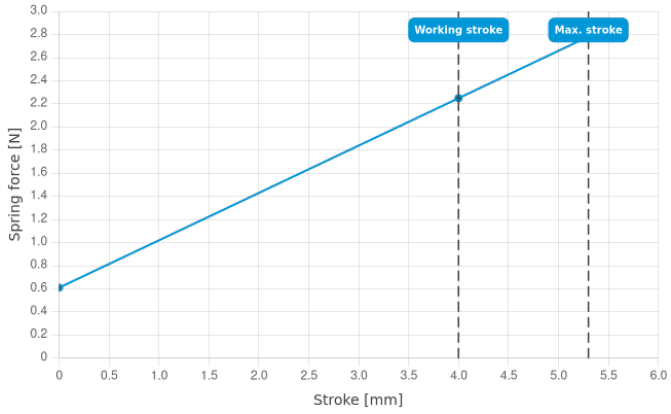


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