

# Ingun E-Type test probe

## E-100 298 090 A 3000

Item E-100-0043



**ingun**<sup>®</sup>

Partner for Future Technology

- Highest contact reliability under challenging test conditions without additional stress on the DUT: up to 25% larger contact surface between test probe and DUT
- When hitting the test surface a spring force up to 100% higher than a standard GKS is available, but the same spring force as a standard GKS is achieved at the working stroke.
- Dimensions equivalent to the standard GKS series

### General data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | INGUN E-TYPE®                                 |
| Series                         | E-100                                         |
| Grid                           | 2.54 mm [100 mil]                             |
| Contacting from                | Pad, via                                      |
| Magnetic                       | Yes                                           |
| Installation type              | Plug-in                                       |
| Quick-exchange system          | Yes                                           |
| Adjustable installation height | No                                            |
| Non-rotating                   | No                                            |
| Compatible receptacle(s)       | KS-100                                        |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a                                     |

### Electrical data

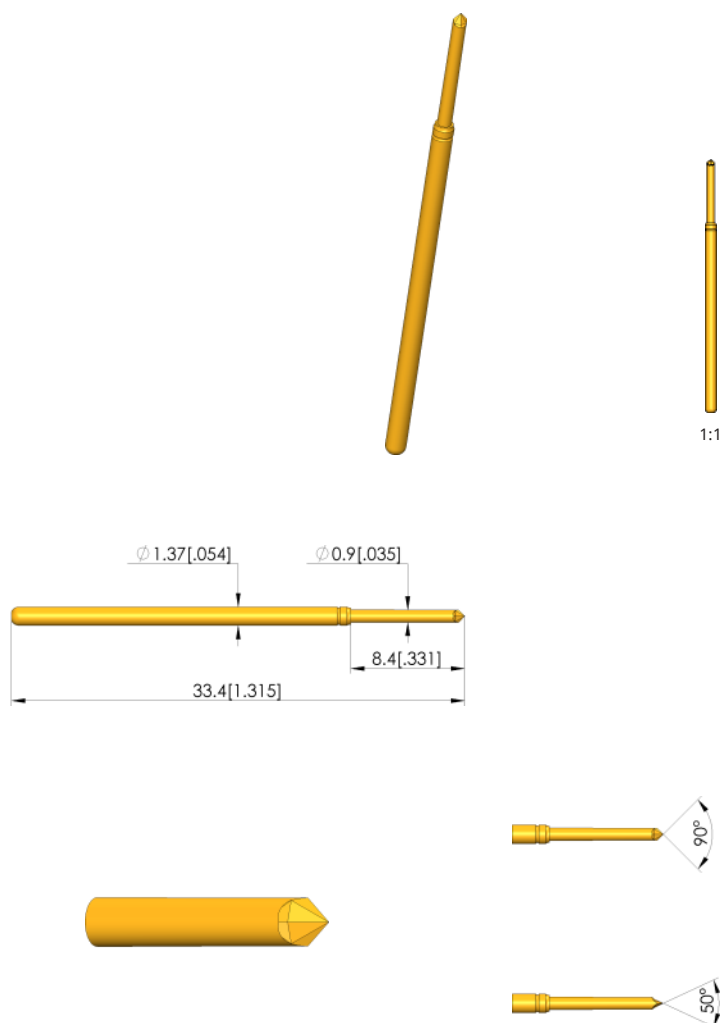
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 33.4 mm [1.31 in] |
| Barrel diameter                | 1.37 mm [.053 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 1.87 N [6.72 ozf] |
| Collar height                  | 00                |
| Spring force at working stroke | 3 N [10.7 ozf]    |
| Recommended working stroke     | 4.3 mm [.169 in]  |

### Tip style data

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Tip style          | 98 90° dagger with additional cut, self-cleaning |
| Tip diameter       | 0.9 mm [.035 in]                                 |
| Tip style surface  | A gold                                           |
| Tip style material | 2 steel                                          |



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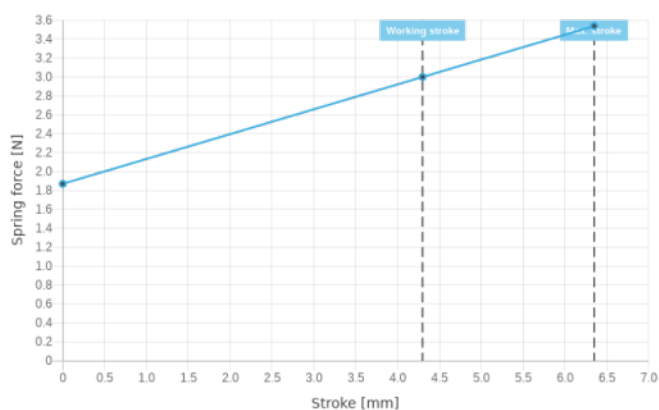
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Prices and delivery times on request.  
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Learn more about  
ICT/FCT Test probes

