

# Test Probe INGUN E-Type

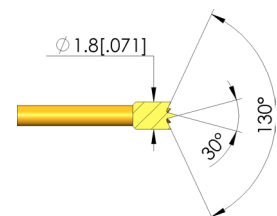
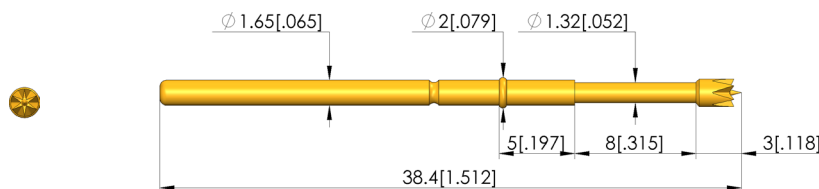
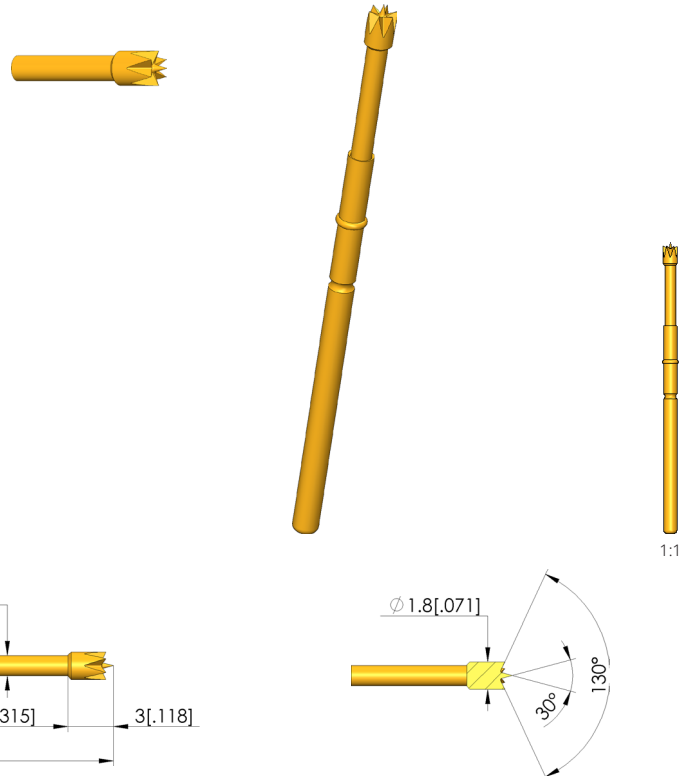
## E-422 224 180 A 3005

Item E-422-0011



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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-422                                         |
| 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:               | -40 °C [-40 °F]                               |
| Max. temperature:               | 80 °C [176 °F]                                |
| RoHS-compliant:                 | Yes                                           |

### Tip style data

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Tip style:          | 24 6-point crown, higher middle point, self cleaning |
| Tip diameter:       | 1.8 mm [.07 in]                                      |
| Tip style surface:  | A gold                                               |
| Tip style material: | 2 steel                                              |

### Electrical data

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

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 38.4 mm [1.51 in] |
| Barrel diameter:                | 1.66 mm [.065 in] |
| Maximum stroke:                 | 8 mm [.314 in]    |
| Spring pre-load:                | 1.8 N [6.47 ozf]  |
| Collar height:                  | 05                |
| Spring force at working stroke: | 3 N [10.7 ozf]    |
| Recommended working stroke:     | 6.4 mm [.251 in]  |

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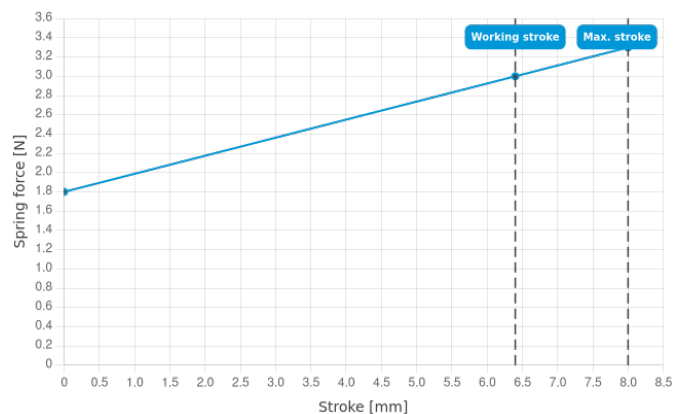
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