

# Ingun E-Type test probe

## E-422 224 180 A 2205

Item E-422-0025



GO TO PRODUCT

**ingun®**

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                | Pad, via, pin                                 |
| 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 [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a                                     |

### Electrical data

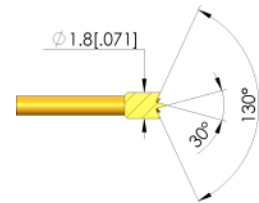
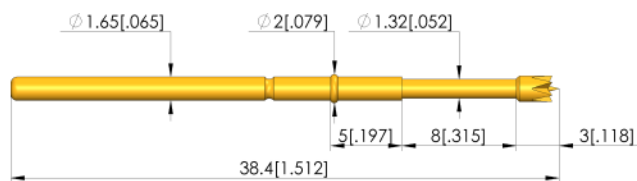
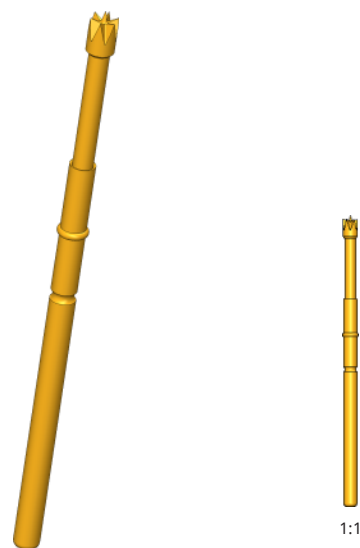
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 38.4 mm [1.51 in] |
| Barrel diameter                | 1.66 mm [.065 in] |
| Maximum stroke                 | 8 mm [.314 in]    |
| Spring pre-load                | 1.26 N [4.53 ozf] |
| Collar height                  | 05                |
| Spring force at working stroke | 2.25 N [8.09 ozf] |
| Recommended working stroke     | 6.4 mm [.251 in]  |

### Tip style data

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Tip style          | 24 6-point crown, higher middle point, self cleaning |
| Tip diameter       | 1.8 mm [.070 in]                                     |
| Tip style surface  | A gold                                               |
| Tip style material | 2 steel                                              |



# Ingun E-Type test probe

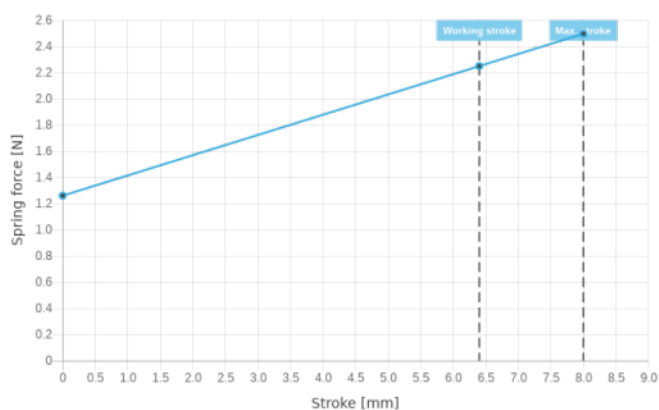
## E-422 224 180 A 2205

Item E-422-0025



**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. 11/23 EN

Learn more about  
ICT/FCT Test probes

