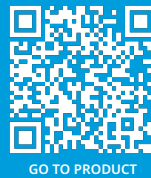


# Spring-loaded test probe GKS-112 217 175 N 3002

Item GKS-112-0470

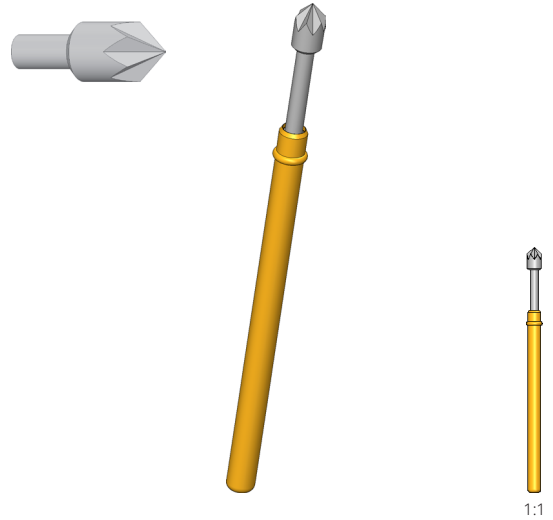


GO TO PRODUCT

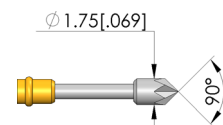
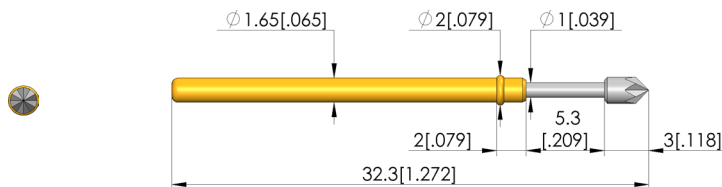
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- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture:  
The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



1:1



## General data

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Metric standard                               |
| Series:                         | GKS-112                                       |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Pad, Via, Female connector                    |
| 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:                   | 32.3 mm [1.27 in] |
| Barrel diameter:                | 1.66 mm [.065 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 0.6 N [2.15 ozf]  |
| Collar height:                  | 02                |
| Spring force at working stroke: | 3 N [10.7 ozf]    |
| Recommended working stroke:     | 4 mm [1.57 in]    |

## Tip style data

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Tip style:          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter:       | 1.75 mm [.068 in]                                      |
| Tip style surface:  | N nickel                                               |
| Tip style material: | 2 steel                                                |

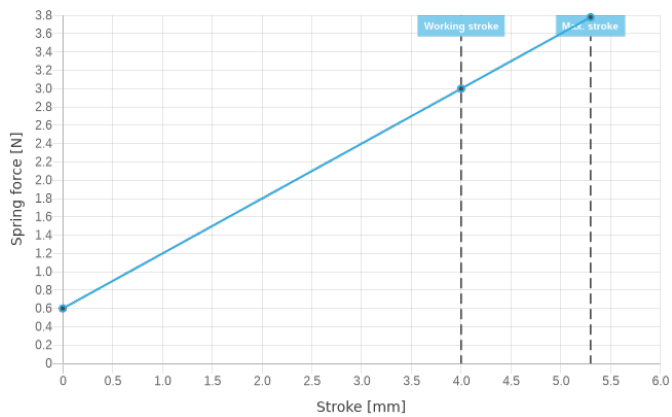
# Spring-loaded test probe GKS-112 217 175 N 3002

Item GKS-112-0470



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