

# High-current test probe

## HSS-120 251 230 A 3010

Item HSS-120-0262

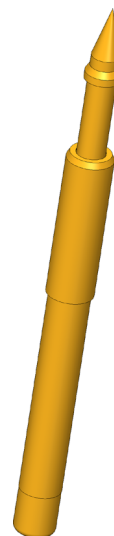


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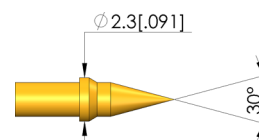
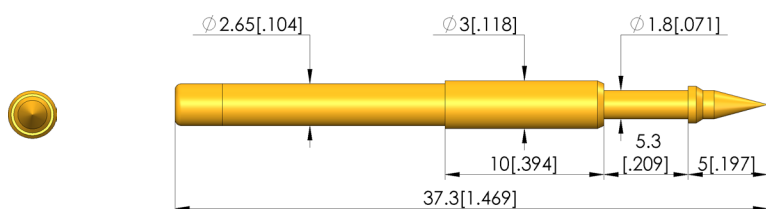
**ingun**<sup>®</sup>

Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-resistance contact probe with  $R_i$  typical  $< 10 \text{ m}\Omega$
- 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



1:1



### General data

Product group:	Standard HSS (press-in)
Sub-product group:	Standard HSS (press-in)
Series:	HSS-120
Grid:	4 mm [157 mil]
Contacting from:	Pad
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-113
Min. temperature:	-100 °C [-148 °F]
Max. temperature:	200 °C [392 °F]
RoHS-compliant:	Yes

### Tip style data

Tip style:	51 30° needle tip, special length, self-cleaning
Tip diameter:	2.3 mm [.09 in]
Tip style surface:	A gold
Tip style material:	2 steel

### Electrical data

Current load capacity / rated current:	5 A
Typical resistance ( $R_i$ ):	10 mOhm

### Mechanical data

Total length:	37.3 mm [1.46 in]
Barrel diameter:	2.65 mm [.104 in]
Maximum stroke:	5.3 mm [.208 in]
Spring pre-load:	0.71 N [2.55 ozf]
Collar height:	10
Spring force at working stroke:	3 N [10.7 ozf]
Recommended working stroke:	4 mm [.157 in]

### 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



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