# High-current clamp, round contact

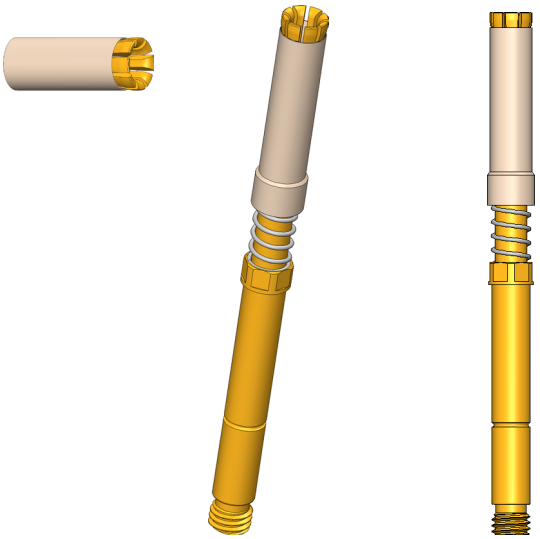
## HKR-672 300 080 A 20004 M

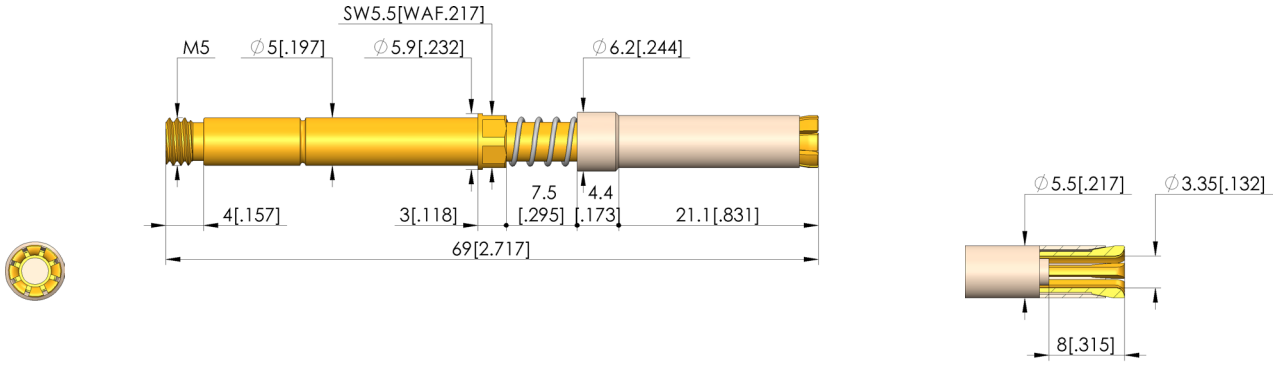
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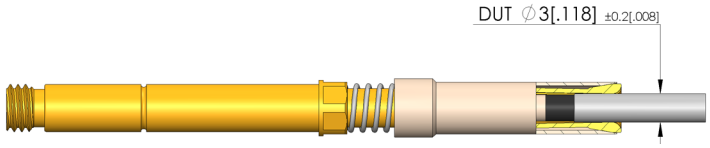
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- High-current clamp for scratch-free contacting of round posts and threads
- During the contacting process, the contact lamellae are pressed securely against the post without scratching it.
- Due to their design, the test probes are particularly well-suited for applications with vibrations, contamination, and longer test cycles, as well as for round contacts with contact protection on the front side.




Example of contact at working stroke




### General data

| | |
|---|---|
| Product group: | High-current test probe |
| Sub-product group: | High-current clamps (flat/round) |
| Series: | HKR-672 M screw-in |
| Grid: | 6.4 mm [251 mil] |
| Contacting from: | Post |
| Magnetic: | Yes |
| Installation type: | Screw-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Screw-in torque: | 10 - 20 cNm [.885 - 1.77 lbf·in] |
| Compatible receptacle(s): | KS-621 M |
| Min. temperature: | - 100 °C [- 212 °F] |
| Max. temperature: | + 200 °C [+ 392 °F] |
| RoHS-compliant: | RoHS-3;6c |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 45 A |
| Typical resistance (Ri): | <10 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 69 mm [2.71 in] |
| Barrel diameter: | 5 mm [.196 in] |
| Maximum stroke: | 5.5 mm [.216 in] |
| Spring pre-load: | 6.11 N [21.9 ozf] |
| Collar height: | 04 |
| Spring force at working stroke: | 20 N [71.9 ozf] |
| Recommended working stroke: | 4 mm [.157 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 00 flat with bore |
| Tip diameter: | 6.2 mm [.244 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

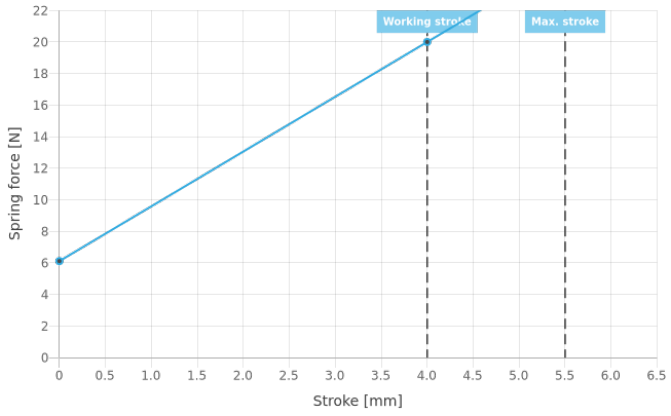
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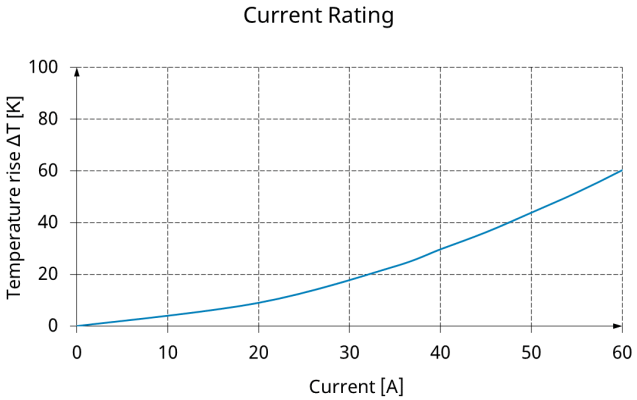
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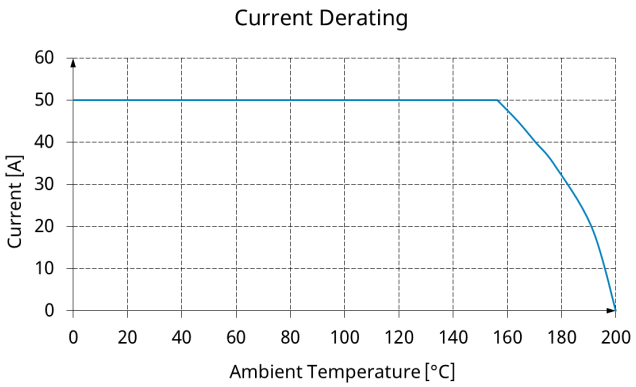
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