High-current clamp, round contact

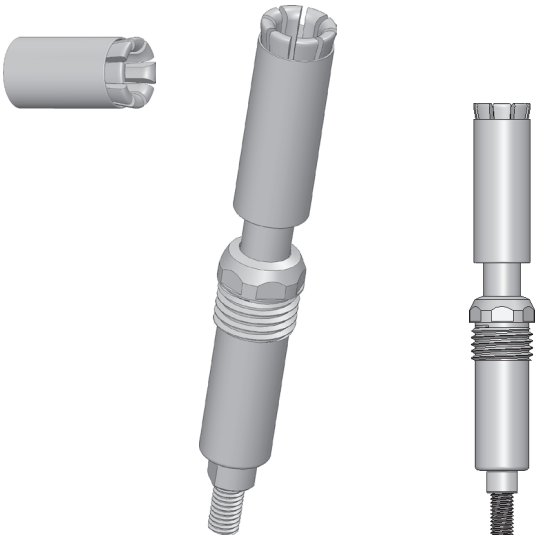
HKR-612 400 100 S 10003 M

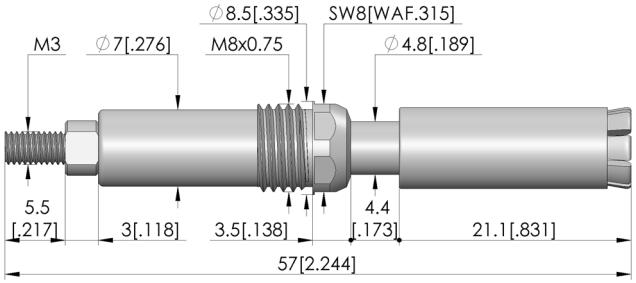
Item HKR-612-0002

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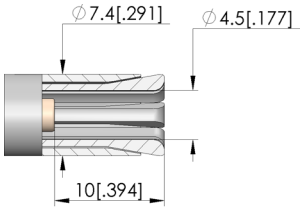
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- High-current clamp for scratch-free contacting of round posts and threads
- During the contacting process, the contact lamellae are pressed securely against the post without scratching it.
- Due to the probe design, they are particularly suitable for applications with vibrations, dirt, and longer test cycles, as well as for round contacts with shock-proof protection.

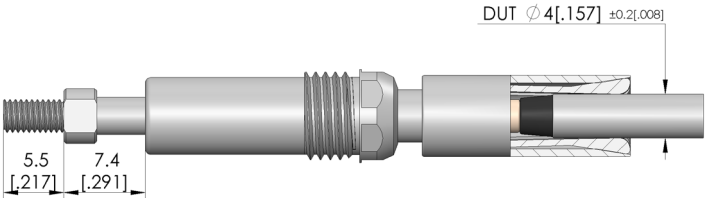








Example of contact at working stroke



General data

Product group:	High-current test probe
Sub-product group:	High-current clamps (flat/round)
Series:	HKR-612 M screw-in
Grid:	10.16 mm [400 mil]
Contacting from:	Post
Magnetic:	Yes
Installation type:	Screw-in
Quick-exchange system:	No
Type of test probe connection:	Thread connection
Adjustable installation height:	No
Non-rotating:	No
Continuous plunger:	M 3 x 0,5 x 5,5
Screw-in torque:	50 cNm [4.42 lbf·in]
Compatible receptacle(s):	KS-612 M-D04
Min. temperature:	- 100 °C [- 212 °F]
Max. temperature:	+ 200 °C [+ 392 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	30 A
Current rating, connection on plunger:	50 A
Typical resistance (Ri):	<10 mOhm
Typical resistance (Ri), connection on plunger:	<10 mOhm

Mechanical data

Total length:	57 mm [2.24 in]
Barrel diameter:	7 mm [.275 in]
Maximum stroke:	5.5 mm [.216 in]
Spring pre-load:	6.72 N [24.1 ozf]
Collar height:	03
Spring force at working stroke:	10 N [35.9 ozf]
Recommended working stroke:	4.4 mm [.173 in]

Tip style data

Tip style:	00 flat with bore
Tip diameter:	7.4 mm [.291 in]
Tip style surface:	S silver
Tip style material:	3 CuBe

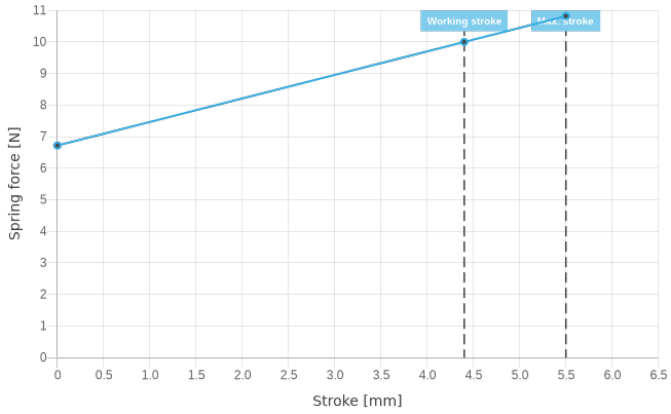
High-current clamp, round contact

HKR-612 400 100 S 10003 M

Item HKR-612-0002

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