When innovation takes place

Kest-Lock

Patent pending

kest technology

When evolution improves functionality

Kest-Lock, the unique quick snap connection

The Kest-Lock unites advantages of a traditional TC-clamp with an aseptic tank connection, in a new innovative design.

Kest-Lock with the unique quick coupling and the aseptic weld-in flange gives a flush surface inside the tank. It is developed for critical applications where aseptic design, easy and safe handlings are essential, such as SIP/CIP processes.

Kest-Lock is developed with focus on the aseptic demands and user friendliness. The operation of the Kest-Lock requires no tools for connect or disconnect equipment. The design of the snap-rings makes it easy to connect equipment with a safe and simple snap action.

Assembly

Kest-Lock consists of a weld-in flange, for tank or pipe mounting, along with a two-piece snap ring which is pre-mounted on the weld-in flange. To connect, insert the equipment between the snap-rings and tighten the locking screw. To disconnect, loosen the screw and extract the equipment.

An aseptic way to attach equipment, such as valves, transmitters, hoses etc, equipped with TC ferrule, flush to a tank. Kest–Lock makes is possible to connect and disconnect without the use of any tools. Snap on your TC connectable equipment directly into the Kest-Lock and tighten without tools in a safe aseptic connection.

Mount your component to the aseptic connection in only 10 seconds.

General
- Developed from customers demands
- Developed from long experience in pharmaceutical industry
- Built on existing design with TC groove
- Internal flush design
- No dead-leg
- Patent pending

Applications
Excellent design for frequent connection of equipment, such as:
- Mobile vessel
- Swing bend panels
- Docking connections
- Quick and safe connection for disposable units
- Sampling device
- Calibration instruments

Operating
- One hand operation
- External easy clean surfaces
- Quick connection
- Safe design
- No loose parts
- Easy maintenance
- The Kest-Lock is pre-mounted in the weld in part, when mounting your equipment, no parts are needed to detach.

Installation
- Easy weld in
- Minimum grinding after welding
- Tools for weld-in available
- Standard range of different heights
- Customized heights, diameter on request

Specifications:

Pressure vessel approved Stainless Steel material EN 1.4435 (ASTM 316L) PED
Other material are available on request
Documentation: Heat certificate 3.1 acc EN 10 204
Marked with heat no for full traceability
Surface finish internal: Ra ≤ 0,5 µm
Design temperature: -80 to 200 ° C
Design Pressure: -1 to 7 bar(g)
Pipe standard: SMS 3008, ASTM 269/270, DIN 11 850, ISO 1127
TC size: TC25; TC34; TC50,5; TC64; TC77,5; TC91

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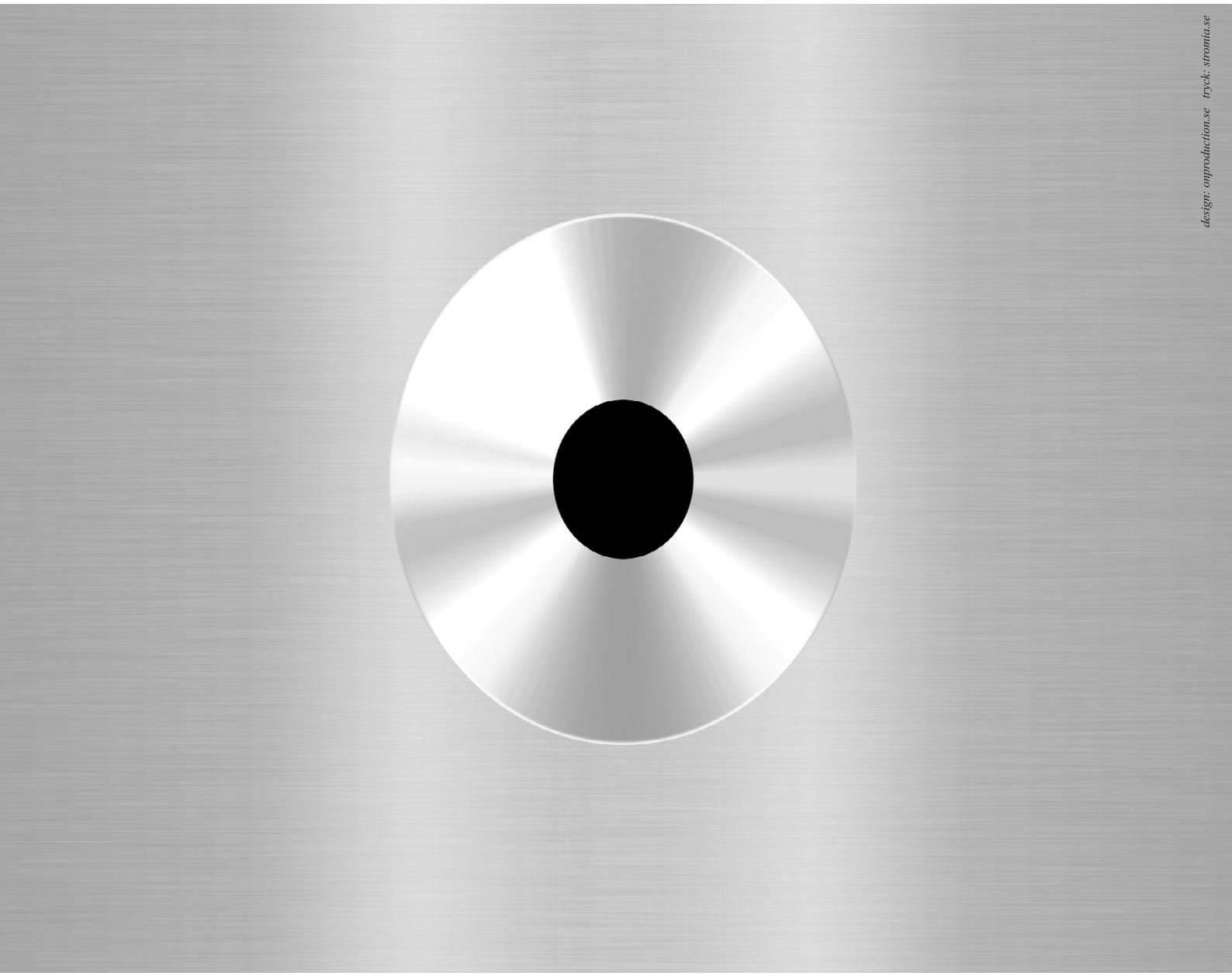

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Kest technology is an innovative company with long experience in the pharmaceutical industry. Our aim is to provide the pharmaceutical industry with aseptic components with focus on high performance and an user-friendly design.

New technologies influence the development of the next generation of aseptic products to the industry. Kest is dedicated to providing the highest level of technical support, in both components and applications.

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