

THREAD LOCK * THREAD LOCK * THREAD LOCK *
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CLAMPING THREAD LOCK

Clamping thread locks can be executed as spot or all-over coating on internal or external threads. They provide protection against loss of screws and nuts, can be used as 360° coating to seal against different media or serve as an assembly aid. This partially applied chemical thread-locking coating creates an **inhibiting effect** during screwing by filling the axial play between screw thread and mating thread with the locking agent. A high surface pressure between opposite thread flanks can be achieved as a result. The clamping thread lock is a cost-effective way of counteracting the self-loosening and loss of screws and threaded parts even under dynamic stress, and thus effectively preventing the loss of the screw. The connections thus secured can be released at any time without losing their reliability, even after repeated screwing and unscrewing.

CLAMPING THREAD LOCK

PROCESS FLOW

The locking products, which are powdery or liquid when unprocessed, are hot-dipped on the threads or applied to them as a spot or all-over coating. The non-reactive products are immediately ready for use after cooling or curing.

CHARACTERISTICS

- clamping coating as protection against loss
- application temperature up to 150 °C
- assembly aid using different colours possible
- additional sealing effect of 360° coating
- multiple use possible
- immediate locking effect after screwing (no reaction time required)
- can be stored almost indefinitely
- meets technical delivery requirements of the automotive industry and EN ISO DIN 267 (Part 28)
- products used: BETEO S-Lok, BETEO VC-3, omniTECHNIK precote 4/5/6/9, and others



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