



High-tech spray for metal fittings

- 1. Product description:** **BRUNOX® ToP-LoCK®** is the high-tech spray for metal fittings. No gumming, no freezing, for a longer lock life.
- 2. Effect:** **BRUNOX® ToP-LoCK®** is a:
- Lubricant**
It forms a 1 to 2 microns thick, transparent, non-hardening lubricating film that displaces moisture.
- Penetrating oil**
BRUNOX® ToP-LoCK® has very good creep properties. Due to its capillary action, it is able to creep under gumming and makes locked precision mechanical components move again smoothly.
- Contacts Spray**
Thanks to its low surface tension and appropriate adhesion to metals, **BRUNOX® ToP-LoCK®** is an ideal contact spray. **BRUNOX® ToP-LoCK®** displaces moisture immediately in circuit boards, circuits and cable harnesses, thus preventing damaging creepage and it can even fix damage that has already been done.
BRUNOX® ToP-LoCK® dissolves dirt on contact surfaces, cleans and protects the contact material.
- 3. Field of application:** **BRUNOX® ToP-LoCK®** maintains, lubricates and protects locks, hinges and fittings up to -54°C.
BRUNOX® ToP-LoCK® does not contain any silicones, PTFE or graphite and is therefore ideal for the installation, maintenance or repair of master key systems, lock cylinders, fittings, locks, hinges, windows and doors.
If lock cylinders are already blocked, **BRUNOX® ToP-LoCK®** will help. It has very good creep properties; it will creep under gumming and dissolve it without any residue.
- 4. Chemicals resistance:** No impairment of non-ferrous metals, non-metallic materials, paint, rubber and almost all plastics.

Excluded are the following plastics: PPO, PBT & PPE

5. Application: Thanks to the 2-W-Click system, **BRUNOX® ToP-LoCK®** can be applied on the spot, i.e. in keyholes. It is also always helpful to spray the entire key; this is done with the Return-Click and the spray is directed to the key, which can subsequently be cleaned with a cloth. The spray is directed once more at the key before it is inserted into the lock. Immediately, it will move again like on the first day.

If master key systems or cylinders are very contaminated, possibly already corroded, the procedure must be repeated until the key can be turned with ease.

6. Unit sizes: **Spray:** 100 ml,

7. Technical data:

Appearance:	clear bluish
Density (20 °C):	0,83 ± 0,02 g/cm ³
Dynamic viscosity (20 °C):	6 mPas,
Flash point:	79 °C, DIN ISO 2592
Fixed point:	below -52 °C
pH value:	neutral
Film characteristics:	creeping
Film thickness:	1 to 2 µm
Consistency:	Film does not harden
Dielectric strength:	U _D : 45 KV eff - E _D : 182 KV eff/cm



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**BRUNOX AG, Tunnelstrasse 6, CH – 8732 Neuhaus/SG,
BRUNOX Korrosionsschutz GmbH, Postfach 100127, DE – 85001 Ingolstadt**

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