

NOVATION NEW INNOVATION NEW INNOVATION NEW INNOVATION NEW INNOVATION

**SEAL INOX™** makes it easy to assemble stainless steel parts. The integrated lubricant additive in this topcoat prevents seizure during assembly. The phenomenon of seizure occurs between stainless-steel threaded connections. In particular when these connections are machine-jointed, a high degree of friction is generated so that the threaded part, for example, of the bolt and nut fuse (this may however also occur in manual tightening).



**SEAL INOX™**

The phenomenon of seizure occurs in stainless steel threaded connections. In particular when these connections are machine-jointed, a high degree of friction is generated so that the threaded part, for example, of the bolt and nut fuse (this may however also occur in manual tightening). This is sometimes also the case with normal carbon steel. But certainly not to the same degree as with austenitic stainless steel. Anyway, the seizure effect can be prevented by applying a surface treatment on the tread of one of the two parts. Once this was done by zincplating the nuts. Nowadays it is far more interesting to opt for **SEAL INOX**, which provides a lower friction coefficient with a visually distinguishable surface treatment.

SEAL INOX comes as standard in silver-grey, but is also available in matt black. By applying one single layer (SEAL INOX) the friction coefficient is reduced. Provided that two layers (SEAL INOX+) are applied, the surface becomes completely evenly grey or matt black. In this way stainless steel parts can still be given a black colour.

In addition to the friction-reducing properties, SEAL INOX+ also provides chemical resistance (to chlorides for example). The chemical resistance ensures that stainless steel can be chosen, while it's normally avoided in combination with chemicals.

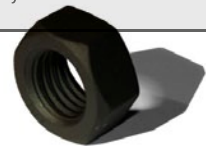
NOVATION NEW INNOVATION NEW INNOVATION NEW INNOVATION NEW INNOVATION NEW INNOVATION

## ■ Product characteristics

- Prevents seizure, gripping of stainless steel.
- Retards contact corrosion.
- Friction resistance according to DIN EN ISO 16047: 0.09 – 0.14  $\mu$
- Very thin layer 5  $\mu\text{m} \pm 2$ , ideal for fastening products.
- Protects from chemicals such as acids, bases, oils, petrol etc.
- Available in 8 different colours, standard silver-grey.
- Curing temperature < 220 °C => no warping, no loss of hardness.
- Meets ELV (2000/53/EC): free of chromium, cadmium, nickel, lead, mercury, molybdenum.
- Meets RoHS (2002/95/EC).

### SEAL INOX+ Black

Also available in matt black. Please pay attention to the name when ordering; the difference between Seal Innox and Seal Innox+ also always states the colour.



**SEAL INOX**



**SEAL INOX+**