



## Stainless steel TUBTARA® with Seal Inox®

Semi-hexagonal or knurled shank  
 Standard head types  
 Open or closed end

## Seal Inox® topcoat on stainless TUBTARA® prevents galling

### ● What is Seal Inox®?

Seal Inox® is a topcoat that makes it easier to assemble stainless steel threaded parts. The integrated lubricant additive in this topcoat prevents gripping during assembly, also called 'galling'. Galling is caused by adhesion of two sliding surfaces under increased friction and often occurs between stainless steel threaded connections

Characteristics :

- thin dry layer
- can be applied in single or two layers [to avoid any assembly problem, we recommend to use a (hex) hole tolerance of 0.05 -0.15 mm instead of 0 -0.1 mm]
- visually distinguishable grey treatment, other colours on request
- friction coefficient 0.09 – 0.14 (according to DIN EN ISO 16047)
- temperature resistance 180°C
- conforms to ELV and RoHS, Cr<sup>6+</sup> free

### ● Benefits of a Seal Inox® topcoat on stainless TUBTARA® blind rivet nuts

- reduces friction and prevents galling
- provides a higher clamping force
- reduces assembly time
- slows down contact corrosion
- protects against various chemicals e.g. chlorides, acids and oils
- can be applied on our different stainless steel qualities: 304, 316, 316Ti, 904L
- is preferentially applied on hexagonal or knurled Tubtara's since Seal Inox® will be present on both inside and outside surfaces, thus potentially reducing torque-to-turn for round Tubtara's.

Galling between a stainless bolt or screw and a stainless TUBTARA® can occur when the assembly is done with a power tool (often at high speeds), but also when the bolt or screw is assembled and tightened by hand.

### ● Availability

Seal Inox® is only applied to order (non-standard).  
 Prices and lead times available on request.

