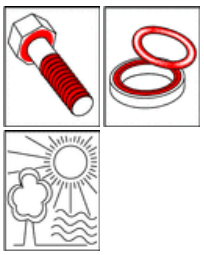
# OKS 1765 - Product Information

## OKS 1765

**Sliding Film for thread-forming Screws, water based concentrate**



**Fields of Application:**

Coating of threads of aluminium alloys, high-alloyed, galvanized and austenitic steels to reach controlled friction values during assembly and facilitate thread forming. Prevents cold-fretting.

**Advantages and Benefits:**

Economical through low consumption. Can be diluted with tap water. The coating can be checked easily through a fluorescendent ingredient. Tools and containers can be cleaned with water. Does not contain any toxic components and therefore is sanitary harmless. The water-soluble ingredients are biodegredable, the water-insoluble ingredients are ecologically neutral. Forms a colorless, adhesive and tack-free sliding film after drying. Includes an inhibitor, which prevents corrosion during the drying.

**Application:**

For best results clean the surface, first mechanically and then with OKS 2610/ OKS 2611 Universal Cleaner. The surfaces to be coated have to be metallic blank and dry. The dilution with water up to 1:5 depends on the desired friction value. Stir well before use. The best application can be reached through dipping or spraying, sometimes through brushing an evenly thin film on the prepared surface. Observe the drying times according to the following technical data. Protect the containers from frost. For additional questions please contact our Technical Department.

**Additional Information:**

Packaging:
- 5 l canister
- 25 l canister
- 200 l drum

Version:
E-05.1/17

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# Sliding Film for thread-forming Screws, water based concentrate

## Technical Data

| | Norm | Conditions | Measurment | Value |
|---|---|---|---|---|
| **Solid lubricants** | | | | |
| Type | | | | Synthetic wax |
| **Solvent** | | | | |
| Type | | | | Water, Isopropanol |
| Flash point | EN 22 719 | | °C | 42 |
| **Additives** | | | | |
| Type | | | | Corrosion protection inhibitor |
| **Film layer** | | | | |
| Application Temperature | | | °C | Room temperature |
| Drying time | | +20°C | min | 30 |
| Hardening Time | | | °C | max. 60 |
| Diluent | | | | Water |
| Dilution | | with water | | up to 1 : 5 |
| **Application Data** | | | | |
| Density | DIN EN ISO 3838 | +20°C | g/ml | 1.0 |
| Colour | | | | milky-white |
| pH- Value | | Concentrate | | approx. 8.5 |
| **Operation temperatures** | | | | |
| Upper Service Temperature | | | °C | 70 |
| Melting Temperature of the Wax | | | °C | 125 |
| **Friction Values** | | | | |
| Thread Friction Values | DIN EN ISO 16047 | Screw ISO 4017, M10-8.8, black<br>Nut ISO 4032 9 M10-10, black | | 0,06 - 0,15<br>depending on the dilution and the surface |
| Thread forming moment | EN ISO 7085 | Screw M 10 | Nm | < 20 |
| **Specification/Releases** | | | | |
| Minium shelf life | original closed container | cool, dry storage | Month | 6 |