Product information

PI 27/08/18/2026

Screw-Retainer Fine Mechanics



Description

Optimum thread locking product. Can be used on oiled surfaces and galvanized screws.

Properties

- resistant to stresses and vibrations
- prevents leaks
- can be used on oily surfaces
- rapid curing
- wide operating temperature range
- controlled torque/stress ratio

Technical data

Strength class	low strength
Thread sizes	up to M12
Breakaway torque	9 Nm DIN EN 15865
Prevailing torque	< M-LB DIN EN 15865
Chemical resistance	relatively well against oils, gasoline, antifreeze, water and brake fluid
Initial strength	2-15 min (active); 15-60 min (passive)
Functional strength	4-6 h
Final strength	12 h
Operating temperature range	-60 to +150 °C
Thread friction value	0,15
Compressed shear strength	7 N/mm² DIN EN 15337
Viscosity at -25 °C	200 - 500 mPas
Base	dimethacrylate ester
Density	1,1 g/cm³ DIN EN 542
Color / appearance	red
Odor	characteristic Brookfield
Shelf life in original sealed container	24 months
Recommended storage temperature	8 - 21 °C

Areas of application

For all commonly used bolt and nut sizes up to a maximum of M12 and all grades.

Comment

Due to the anaerobic properties, there must always be enough air in the bottle. Otherwise the adhesive could harden prematurely. The bottle should therefore only be filled up to about 1/3. However, the quantity always corresponds to the content indicated on the container.

Application

Apply the product uniformly to screws and nuts. The paste cures in the absence of air (anaerobic).

One must differentiate between active and passive materials during the curing time.

Active materials generally refer to metals with a high iron or copper content (e.g. iron, steel, copper, brass, bronze). Active materials ensure rapid curing.

Passive materials such as high-alloy (stainless) steel, zinc, aluminum or plastics only cure very slowly or only with the help of an activator.

Available pack sizes

10 g Blister	3812 DE

Our information is based on thorough research and may be considered reliable, although not legally binding.

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