

WEICONLOCK® AN 302-72 Locking of Threads and Stud Bolts



Locking of threads and stud bolts | high-temperature-resistant | DVGW- and drinking water approval

- higher viscosity
- high strength
- hard to disassemble

Technical Data

Colour	red
Fluorescent	no
For thread connections up to	M 56 R 2 ^m
Viscosity	6.000 - 15.000 mPa·s
Gap bridging up to max.	0,3 mm
Breakaway torque	20 - 30 Nm
Prevail torque	40 - 75 Nm
Shear strength Nmm ² (DIN 54452)	10 - 15 N/mm ²
Handling strength	20 - 40 min.
Final strength (100 % strength)	5-10 h
Temperature resistance	-60°C to +230°C
Compressive strength (free cutting steel / grub screw = 8.8)	
M_3x6	max. 1500 bar
M4x6	max. 1500 bar
M5x8	max. 1000 bar
M6x10	max. 700 bar
M8x12	max. 500 bar
M10x16	max. 300 bar

Approvals / Guidelines

Hygiene Institute UBA KTW-BWGL

Anaerobic Adhesives and Sealants

Surface pre-treatment

To achieve optimum results, the mounting parts should be degreased and cleaned, e.g. with WEICON Surface (roughen the surfaces, if required). WEICONLOCK can also be used on uncleaned surfaces, e.g. screws as delivered. However, the cleaner the surface, the better the results achieved.

Processing

WEICONLOCK is applied evenly straight from the Pen with the help of the dosing tip; avoid direct contact between dosing tip /metal. For sealing applications, apply WEICONLOCK to the thread in circles. Assemble parts and screw tight. Do not pour any WEICONLOCK back into the bottle that has already come into contact with metal. Even extremely small metal particles cause the adhesive to cure inside the bottle. Therefore, in serial production, the use of dosing devices is recommended.

Storage

WEICONLOCK has a shelf life of at least 24 months, when stored at room temperature in closed original container. Protect from heat sources and direct sunlight. The air contained in the Pen keeps WEICONLOCK liquid.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

- 10019901 WEICONLOCK® AN 302-72 Locking of Threads and Stud Bolts, 20 ml, red
- 10017889 WEICONLOCK® AN 302-72 Locking of Threads and Stud Bolts, 50 ml, red
- 10019982 WEICONLOCK® AN 302-72 Locking of Threads and Stud Bolts, 200 ml, red

To the product detail page:



Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz

WEICON GmbH & Co. KG
(Headquarters) Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON South East Asia Pte Ltd
Singapore
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.l.
Italy
phone +39 (0) 10 2924 871
info@weicon.it

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr