

WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts



Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

Technical Data

Colour	red	
Fluorescent	yes	
For thread connections up to	M 20 R ¾"	
Viscosity	500 nt mPa·s	
Gap bridging up to max.	0,15 mm	
Breakaway torque	28 - 35 Nm	
Prevail torque	50 - 65 Nm	
Shear strength Nmm ² (DIN 54452)	15 - 20 N/mm ²	
Handling strength	10 - 20 min.	
Final strength (100 % strength)	3-6 h	
Temperature resistance	-60°C to +150°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.	200 bar

Approvals / Guidelines

MIL-Spec	comply with	MIL-S-46163A Type I Grade K
----------	-------------	-----------------------------

Anaerobic Adhesives and Sealants

Surface pre-treatment

Clean surfaces to be sealed.

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

Shelf life: at least 24 months at room temperature (+20°C).

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

- 10017326 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 20 ml, red
- 10017886 WEICONLOCK® AN 302-71 Locking of Threads and Stud Bolts, 50 ml, red
- 10019980 WEICONLOCK® AN 302-71 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) 010 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