

PRODUCT RANGE

For threads [metric]	Item no.
M6	0401977006
M8	0401977008
M10	0401977010
M12	0401977012
M14	0401977014
M16	0401977016
M20	0401977020
M24	0401977024

APPLICATION EXAMPLES



...MORE INFORMATION



WÜRTH | INDUSTRY

SMARTLOCK

Ribbed washers – Small washers
with great effect

W.TEC®

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SMARTLOCK

Ribbed washers – Small washers with great effect



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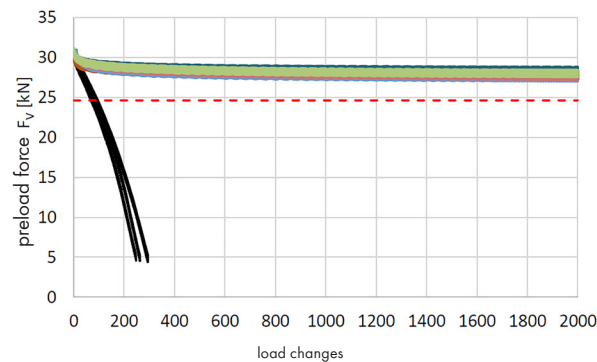
Würth Industrie Service GmbH & Co. KG
Industriepark Würth, Drillberg
97980 Bad Mergentheim
T +49 7931 91-0
productsupport@wuertth-industrie.com
www.wuerth-industrie.com

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Responsible for the content:
Ruben Link/PM
Editorial:
Kristin Rösch/PM

SMALL WASHERS WITH GREAT EFFECT

The ribbed washer from Würth Industrie Service combines simplicity with technical sophistication. The one-piece locking system secures your bolted connection against self-loosening. The locking effect of all dimensions was confirmed by an independent institute in a Junker test according to DIN 65151 and DIN 25201-4. The residual preload of the bolted connection was still at least 80% after the test.

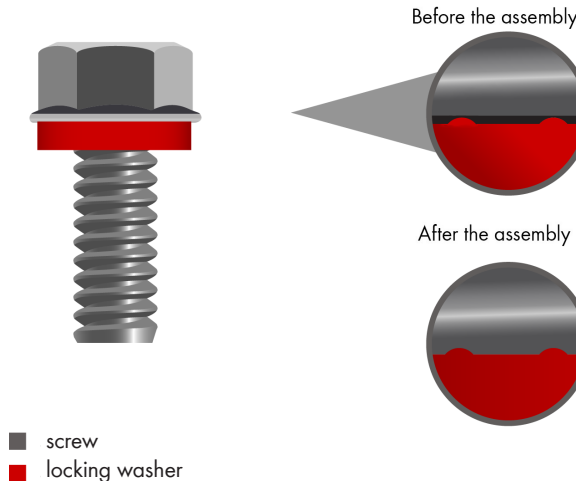
Junker test according to DIN 65151 and DIN 25201-4



■ Adjustment tests
 W.TEC® SMARTLOCK M12

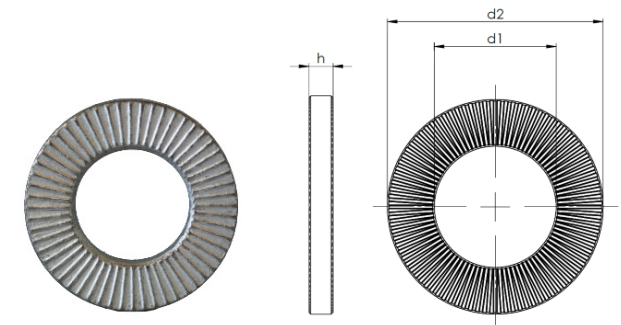
HOW IT WORKS

Due to the preload applied during assembly, the radial ribs of the W.TEC®SMARTLOCK washer press into the mating material. This process results in a form-fit connection of the respective contact surfaces. This form fit ensures reliable locking against loosening even under strong dynamic influences and vibrations.



TECHNICAL INFORMATIONEN

- Locking method: Unscrewing-proof
- Material: Steel
- Surface: Zinc flake



ADVANTAGES

- Very good locking effect
- Surface-friendly
- Easy assembly and disassembly
- Reusable
- For use up to property class 12.9
- Little space required