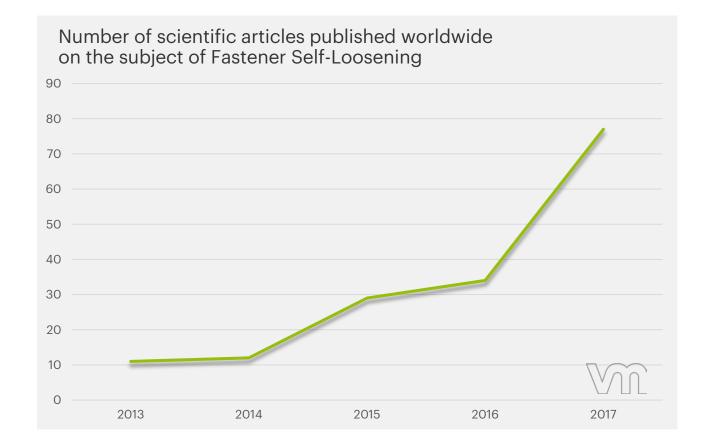


We are **Vibrationmaster s.à r.l.**

We believe in Test & Measurement Equipment to help build a safer world

Presenting Trends in published scientific papers related to Fastener Self-Loosening

RESEARCH ACTIVITY ON FASTENER SELF-LOOSENING IS AT AN ALL-TIME HIGH

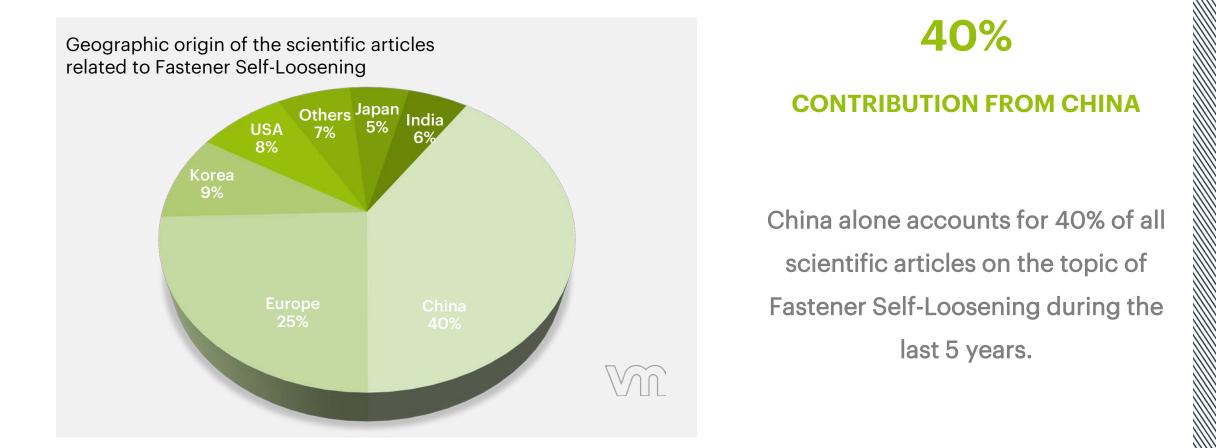


800%

GROWTH FROM 2013 TO 2017

There is a strong trend towards intensive research activity on Fastener Self-Loosening aiming at improving Fastener and bolted joint performance.

CHINA IS THE LEADING CONTRIBUTOR OF SCIENTIFIC ARTICLES



TEST & MEASUREMENT EQUIPMENT SOLUTIONS

Design safer and more reliable products with solutions from Vibrationmaster

TORQUE / TENSION

VIBRATION

JOINT INTEGRITY

Improve assembly quality

Improve in-service reliability

Reduce cost and weight

CONTACT US

Contact us to discuss how the trends presented in this document will impact your business



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Data sources : <u>www.researchgate.net</u> <u>https://link.springer.com/</u> <u>https://ci.nii.ac.jp/</u>

www.sciencedirect.com http://ieeexplore.ieee.org www.jstage.jst.go.jp

Selection of articles published in scientific journals from 2013 to 2017 on the subject of "Fastener Self-Loosening", "Junker test", "bolt loosening" and associated keywords