## Analysis of torque distribution in ball-screw mechanisms under extreme temperature conditions

**Penkov, Igor** Transport means 2018 : proceedings of the international scientific conference : part I 2018 / p. 33-36 : ill <a href="https://transportmeans.ktu.edu/wp-content/uploads/sites/307/2018/02/Transport-means-I-dalis-2018-09-25.pdf">https://transportmeans.ktu.edu/wp-content/uploads/sites/307/2018/02/Transport-means-I-dalis-2018-09-25.pdf</a>

## Axial displacements in ball screw mechanisms with two and four contact-point

Penkov, Igor; Aleksandrov, Dmitri International review of mechanical engineering 2011 / p. 1213-1218 <a href="https://www.researchgate.net/publication/289762576">https://www.researchgate.net/publication/289762576</a> Axial displacements in ball screw mechanisms with two and four contact-point

Deformations in round-profiled threads and their influence on the screw durability

Penkov, Igor; Strižak, Viktor; Sivitski, Alina International Review of Civil Engineering 2014 / p. 61-67

Design of stud ends and their influence on load of machine housings

Penkov, Igor Trans & motauto world 2017 / p. 98-101 : ill https://stumejournals.com/journals/tm/2017/3/98

Precision of thread manufacturing and its influence on durability of screws with different thread profiles

Strižak, Viktor; Penkov, Igor Machines, technologies, materials 2015 / p. 47-51 : ill <a href="http://stumejournals.com/mtm/Archive/2015/7-2015.pdf">http://stumejournals.com/mtm/Archive/2015/7-2015.pdf</a>