

### **Characterization of microstructure and mechanical properties of friction stir welded AlMg5-Al2O3 nanocomposites**

Babu, N. Kishore; **Kallip, Kaspar**; Leparoux, Marc Materials science and engineering : A 2016 / p. 109-122 : ill  
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### **Comparative study of adhesive wear for CoCr, TiC-NiMo, WC-Co as potential FSW tool materials**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 224-228 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.267.224> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Friction welding of electron beam melted Ti-6Al-4V**

Qin, P.T.; Damodaram, R.; Maity, Tapabrata; Zhang, W.W.; Yang, C.; Wang, Zhi; **Prashanth, Konda Gokuldoss** Materials Science and Engineering : A 2019 / art. 138045, 6 p. : ill <https://doi.org/10.1016/j.msea.2019.138045> [Journal metrics at Scopus](#) [Article at Scopus](#)  
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### **Microstructure evolution and mechanical properties investigation of friction stir welded AlMg5-Al2O3 nanocomposites**

Babu, N. Kishore; **Kallip, Kaspar**; Leparoux, Marc TMS 2016 : 145 Annual Meeting & Exhibition : supplemental proceedings 2016 / p. 729-736 : ill [http://dx.doi.org/10.1007/978-3-319-48254-5\\_87](http://dx.doi.org/10.1007/978-3-319-48254-5_87)

### **Performance of ceramic-metal composites as potential tool materials for friction stir welding of aluminium, copper and stainless steel**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt; Tarraste, Marek; Viljus, Mart** Materials 2020 / art. 1994, 18 p. : ill <https://doi.org/10.3390/ma13081994> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Wear behavior of ceramic-metal composites as tool material for FSW of copper**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt; Tarraste, Marek; Viljus, Mart** Solid state phenomena ; 320 2021 / p. 144–149 <https://doi.org/10.4028/www.scientific.net/SSP.320.144> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Wear of potential tool materials for aluminium alloys friction stir welding at weld temperatures**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** Proceedings of the Estonian Academy of Sciences 2019 / p. 198–206 : ill <https://doi.org/10.3176/proc.2019.2.12> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_2/proc-2019-2-198-206.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-198-206.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)