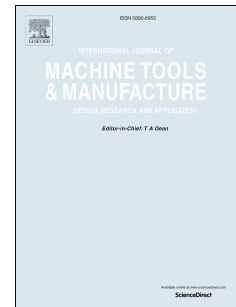


# Accepted Manuscript

Modelling of flow stress by correlating the material grain size and chip thickness in ultra-precision machining

M. Azizur Rahman, Mustafizur Rahman, A. Senthil Kumar



PII: S0890-6955(17)30117-7

DOI: [10.1016/j.ijmachtools.2017.08.001](https://doi.org/10.1016/j.ijmachtools.2017.08.001)

Reference: MTM 3280

To appear in: *International Journal of Machine Tools and Manufacture*

Received Date: 16 May 2017

Revised Date: 19 July 2017

Accepted Date: 4 August 2017

Please cite this article as: M.A. Rahman, M. Rahman, A.S. Kumar, Modelling of flow stress by correlating the material grain size and chip thickness in ultra-precision machining, *International Journal of Machine Tools and Manufacture* (2017), doi: 10.1016/j.ijmachtools.2017.08.001.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# **Modelling of flow stress by correlating the material grain size and chip thickness in ultra-precision machining**

M. Azizur Rahman<sup>1,\*</sup>, Mustafizur Rahman<sup>1</sup>, A. Senthil Kumar<sup>1</sup>

\* Corresponding author.

*E-mail address:* [mpemar@nus.edu.sg](mailto:mpemar@nus.edu.sg); [azizur777@gmail.com](mailto:azizur777@gmail.com)

<sup>1</sup>Department of Mechanical Engineering,  
National University of Singapore,  
10 Kent Ridge Crescent, S117576,  
Singapore.

Download English Version:

<https://daneshyari.com/en/article/5015681>

Download Persian Version:

<https://daneshyari.com/article/5015681>

[Daneshyari.com](https://daneshyari.com)