

Accepted Manuscript

Effect of microstructure on mitigating tool wear in diamond turning of nitrided steels

Naomichi Furushiro, Tomomi Yamaguchi, Daisuke Hirooka, Masaya Shirakawa,
Shigehiro Matsuda, Yasuhiro Iwasa, Shuntaro Terauchi



PII: S0141-6359(18)30456-2

DOI: [10.1016/j.precisioneng.2018.07.008](https://doi.org/10.1016/j.precisioneng.2018.07.008)

Reference: PRE 6807

To appear in: *Precision Engineering*

Received Date: 22 March 2018

Revised Date: 29 June 2018

Accepted Date: 13 July 2018

Please cite this article as: Furushiro N, Yamaguchi T, Hirooka D, Shirakawa M, Matsuda S, Iwasa Y, Terauchi S, Effect of microstructure on mitigating tool wear in diamond turning of nitrided steels, *Precision Engineering* (2018), doi: 10.1016/j.precisioneng.2018.07.008.

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.

Title

Effect of microstructure on mitigating tool wear in diamond turning of nitrided steels

Authors and Affiliations

Naomichi Furushiro

Kansai University, 3-3-35 Yamate-cho, Suita, Osaka 564-8680, Japan

Tomomi Yamaguchi

Kansai University, 3-3-35 Yamate-cho, Suita, Osaka 564-8680, Japan

Daisuke Hirooka

Kansai University, 3-3-35 Yamate-cho, Suita, Osaka 564-8680, Japan

Masaya Shirakawa

Kansai University, 3-3-35 Yamate-cho, Suita, Osaka 564-8680, Japan

Shigehiro Matsuda

Osaka Yakin Kogyo Co., Ltd., 4-4-28 Zuiko, Higashiyodogawa, Osaka 533-0005, Japan

Yasuhiro Iwasa

Osaka Yakin Kogyo Co., Ltd., 4-4-28 Zuiko, Higashiyodogawa, Osaka 533-0005, Japan

Shuntaro Terauchi

Osaka Yakin Kogyo Co., Ltd., 4-4-28 Zuiko, Higashiyodogawa, Osaka 533-0005, Japan

Download English Version:

<https://daneshyari.com/en/article/10226528>

Download Persian Version:

<https://daneshyari.com/article/10226528>

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