

## Accepted Manuscript

Impact of intra-bond orbital hybridization and morphology of diamond coatings on machining performance of coated end mill cutters

I. Suresh Kannan, Amitava Ghosh



PII: S0263-4368(17)30357-8

DOI: doi: [10.1016/j.ijrmhm.2017.07.003](https://doi.org/10.1016/j.ijrmhm.2017.07.003)

Reference: RMHM 4473

To appear in: *International Journal of Refractory Metals and Hard Materials*

Received date: 4 June 2017

Revised date: 29 June 2017

Accepted date: 3 July 2017

Please cite this article as: I. Suresh Kannan, Amitava Ghosh , Impact of intra-bond orbital hybridization and morphology of diamond coatings on machining performance of coated end mill cutters, *International Journal of Refractory Metals and Hard Materials* (2017), doi: [10.1016/j.ijrmhm.2017.07.003](https://doi.org/10.1016/j.ijrmhm.2017.07.003)

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 Page

# Impact of intra-bond orbital hybridization and morphology of diamond coatings on machining performance of coated end mill cutters

Suresh Kannan I.<sup>a</sup> and Amitava Ghosh<sup>b\*</sup>

<sup>a,b</sup> Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai 600 036, India

\*Corresponding authors' email id: amitava\_g@iitm.ac.in

*Contact address of the corresponding author:*

**\*Dr. Amitava Ghosh**

MES, Department of Mechanical Engineering  
Indian Institute of Technology Madras  
Chennai 600036, India  
Phone: +914422574724; +919790886257  
Email id: amitava\_g@iitm.ac.in

Download English Version:

<https://daneshyari.com/en/article/5457933>

Download Persian Version:

<https://daneshyari.com/article/5457933>

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