

Journal of Manufacturing Science and Engineering

April,
2010 |
Volume
132 |
Issue 2

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Research Papers

Prediction of Minimum Bending Ratio of Aluminum Sheets From Tensile Material Properties

C. Iacono, J. Sinke and R. Benedictus

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Point Diamond Machining

Lei Li, Stuart A. Collins and Allen Y. Yi

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Erdem Ozturk and Erhan Budak

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Effects During Electrical-Assisted Forming

Michael S. Siopis and Brad L. Kinsey

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Its Application to Configuration Design

Hui Wang, Jeonghan Ko, Xiaowei Zhu and S. Jack Hu

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Manufacturing System

Lan Ren, Todd Sparks, Jianzhong Ruan and Frank Liou

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Optical Effects of Surface Finish by Ultraprecision Single

Dynamics and Stability of Five-Axis Ball-End Milling

Experimental Investigation of Grain and Specimen Size

A Complexity Model for Assembly Supply Chains and

Integrated Process Planning for a Multiaxis Hybrid

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Impact of Fiber Volume Fraction and Resin Viscosity With Die-Detached Tapered Chamber in Resin Injection Pultrusion

A. L. Jeswani and J. A. Roux

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Design of a Three-Axis Articulated Tool Head With

Parallel Kinematics Achieving Desired Motion/Force Transmission Characteristics

Xin-Jun Liu, Li-Ping Wang, Fugui Xie and Ilian A. Bonev

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Online Degradation Assessment and Adaptive Fault

Detection Using Modified Hidden Markov Model

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Three-Dimensional Modeling of Gas Metal Arc

Welding of Aluminum Alloys

H. Guo, J. Hu and H. L. Tsai

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Cutter Dynamics at Process Damping Speeds

M. Eynian and Y. Altintas

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Modeling of Single-Sided Piercing Riveting Process

Yuhong Liu, Shuxin Wang, Lianhong Zhang, Rui Zhou, Weijing Liu and P. C. Wang

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A Note on Ductile Fracture
Criteria in Metal Forming

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