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TITLE

Enhancing machining rate and geometrical accuracy in electrochemical micromachining of Co-Ni-Cr-W superalloy

E Rajkeerthi, P Hariharan, N Pradeep
Materials and Manufacturing Processes, 1-13

Effect of Heat Treatment on Strength of Aluminium Matrix Composites

E Rajkeerthi, CP Satyanarayan, M Jaivignesh, N Pradeep, P Hariharan
Materials Today: Proceedings

Scale effects and a method to evaluate similarity in electrochemical micromachining of Nitinol

B Mouliprasanth, P Hariharan
MATERIALS AND MANUFACTURING PROCESSES

Study and evaluation of process parameter on Nimonic 75 alloy by Electrochemical micromachining

CS Shamli, P Hariharan, N Yuvaraj, E Rajkeerthi
IOP Conference Series: Materials Science and Engineering 923 (1), 012021

Micro ED Milling of Ti-6Al-4V with SiC Nano Powder Mixed Dielectrics at Different Ranges of Discharge Energy

KVA Pillai, P Hariharan, RK Murthy
Silicon, 1-11

Scaling approach towards electrochemical micromachining: a method to evaluate similarity

B Mouliprasanth, P Hariharan
The International Journal of Advanced Manufacturing Technology 108 (9), 3231 ...

Experimental investigations on magnetic field-assisted micro-electric discharge machining of inconel alloy

P Sivaprakasam, P Hariharan, G Elias
International Journal of Ambient Energy, 1-8

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Surface characteristics of nano powder mixed micro-wire electrical discharge machining on inconel alloy

P Sivaprakasam, P Hariharan
Materials Today: Proceedings

Impact of Electrical Process Parameters in Electrochemical Micromachining of Nimonic 75 Alloy.

CS Shamli, P Hariharan, N Yuvaraj, E Rajkeerthi
International Journal of Vehicle Structures & Systems (IJVSS) 12 (2)

Multi-response optimization of electrochemical micromachining on masked SS304

N Krishnan, J Deepak, P Hariharan
Engineering Research Express 2 (1), 015041

Correlation of Three-Dimensional Roughness Parameters With the Crater Dimensions in μ ED-Milling of Cryogenic-Treated Tool and Workpiece

JM Jafferson, P Hariharan, J Ramkumar
Journal of Micro and Nano-Manufacturing 8 (1)

Role of nano-silica in tensile fatigue, fracture toughness and low-velocity impact behaviour of acid-treated pineapple fibre/stainless steel wire mesh-reinforced epoxy hybrid ...

T Dinesh, A Kadirvel, P Hariharan
Materials Research Express 6 (12), 125365

Thermo-Mechanical and Wear Behaviour of Surface-Treated Pineapple Woven Fibre and Nano-Silica Dispersed Mahua Oil Toughened Epoxy Composite

T Dinesh, A Kadirvel, P Hariharan
Silicon, 1-10

An Experimental Study on the Influence of External Vibrator Setup in Electrochemical Micromachining Characteristics of Titanium Grade 2 Alloy

J Deepak, B Mouliprasanth, P Hariharan
Materials Today: Proceedings 22, 1921-1931

Investigation of boring on gunmetal in dry, wet and cryogenic conditions

CC Sastry, K Gokulakrishnan, P Hariharan, MP Kumar, SR Boopathy

TITLE

Journal of the Brazilian Society of Mechanical Sciences and Engineering 42 ...

Influence of Graphite Nanopowder-Mixed Dielectric Fluid on Machining Characteristics of Micro Electric Discharge Milling

KV Arunpillai, P Hariharan

Advances in Unconventional Machining and Composites, 203-210

Development of a Bore Using Jet Electrochemical Machining (JECM) in SS316 Alloy

J Deepak, N Vivek, B MouliPrasanth, P Hariharan

Advances in Unconventional Machining and Composites, 461-471

Effect of Physical Vapour Deposition Coatings on High Speed Steel Single Point Cutting Tool

RRRM Vannan, TV Moorthy, P Hariharan, BK Gnanavel

Advances in Material Sciences and Engineering, 1-5

Measurement and analysis of thrust force and delamination in drilling glass fiber reinforced polypropylene composites using different drills

M Mudhukrishnan, P Hariharan, K Palanikumar

Measurement 149, 106973

Experimental investigations on nano powder mixed Micro-Wire EDM process of inconel-718 alloy

P Sivaprakasam, P Hariharan, S Gowri

Measurement 147, 106844

Using TOPSIS Approach

B Mouliprasanth, N Lakshmanan, P Hariharan

Advances in Micro and Nano Manufacturing and Surface Engineering ...

Development of a Bore Using Jet Electrochemical Machining (JECM)

J Deepak, N Vivek, B MouliPrasanth, P Hariharan

Advances in Unconventional Machining and Composites: Proceedings of AIMTDR ...

Influence of Graphite Nanopowder-Mixed Dielectric Fluid

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Advances in Unconventional Machining and Composites: Proceedings of AIMTDR ...

TITLE

Measurement of Performance and Geometrical Features in Electrochemical Micromachining of SS304 Alloy

B Mouliprasanth, P Hariharan
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Optimization and sensitivity analysis of drilling parameters for sustainable machining of carbon fiber–reinforced polypropylene composites

M Mudhukrishnan, P Hariharan, K Palanikumar, B Latha
Journal of Thermoplastic Composite Materials 32 (11), 1485-1508

Experimental investigation on boring of HSLA ASTM A36 steel under dry, wet, and cryogenic environments

CC Sastry, P Hariharan, M Pradeep Kumar, MA Muthu Manickam
Materials and Manufacturing Processes 34 (12), 1352-1379

Enhancement of material removal rate in magnetic field-assisted micro electric discharge machining of Aluminium Matrix Composites

P Sivaprakasam, J Udaya Prakash, P Hariharan
International Journal of Ambient Energy, 1-6

μED milling of Ti-6Al-4V using cryogenic-treated Wc tool and nano-graphene powder-mixed dielectric at different discharge energy regimes

KVA Pillai, P Hariharan, JM Jafferson
The International Journal of Advanced Manufacturing Technology 102 (9-12 ...

Experimental investigation of dry, wet and cryogenic boring of AA 7075 alloy

CC Sastry, P Hariharan, M Pradeep Kumar
Materials and Manufacturing Processes 34 (7), 814-831

Multiresponse Optimization of Electrochemical Micro-machining Process Parameters of Micro-dimple Using TOPSIS Approach

B Mouliprasanth, N Lakshmanan, P Hariharan
Advances in Micro and Nano Manufacturing and Surface Engineering, 115-127

Design and Development of Tool Electrode for Electrochemical Micromachining Using Reverse EMM Technique

S Sangeethakrishnan, E Rajkeerthi, P Hariharan, G Bhavesh
Advances in Micro and Nano Manufacturing and Surface Engineering, 339-347

TITLE

Delamination Analysis in Drilling of Carbon Fiber Reinforced Polypropylene (CFR-PP) Composite Materials

M Mudhukrishnan, P Hariharan, K Palanikumar
Materials Today: Proceedings 16, 792-799

Effect of Flushing on Electrochemical Micromachining of Copper and Inconel 718 Alloy

K Pooranachandran, J Deepak, P Hariharan, B Mouliprasanth
Advances in Manufacturing Processes, 61-69

Study on the influential process parameters in machining the austempered ductile iron

KM Kumar, P Hariharan, B Ramesh
Materials and Manufacturing Processes 33 (4), 414-421

INVESTIGATION ON A SOLAR WATER HEATER USING A DIFFUSE CORRUGATED REFLECTOR

PM Kumar, C Karthikeyan, S Gowtham, P Hariharan, MH Gobi

INFLUENCE OF PROCESS PARAMETERS IN ELECTROCHEMICAL MICROMACHINING OF HASTELLOY USING TOPSIS TECHNIQUE

R GOBINATH, P HARIHARAN
Journal of the Balkan Tribological Association Vol 24 (4), 796-806

Design of Electrocutaneous Tactile Display over Human Fingertip for Textural Applications in Space Manufacturing Feedback

R Dadi, P Hariharan
Procedia computer science 133, 684-690

Optimization of wear parameters for grey cast iron under different conditions using grey relational analysis

S Ananth, JU Prakash, TV Moorthy, P Hariharan
Materials Today: Proceedings 5 (2), 7346-7354

Tool materials influence on surface roughness and oversize in machining glass fiber reinforced polypropylene (GFR-PP) composites

M Mudhukrishnan, P Hariharan, K Palanikumar, B Latha
Materials and Manufacturing Processes 32 (9), 988-997

TITLE

Effect of physical vapor deposited bilayer (AlCrN+ TiAlN) coating on high-speed steel single point cutting tool

RRRM Vannan, TV Moorthy, P Hariharan, P Prabhu
Materials and Manufacturing Processes 32 (4), 373-376

An investigation of Drilling characteristics of Carbon-Carbon composites by Acoustic emission process

PS Kumar, P Hariharan
JOURNAL OF ADVANCES IN CHEMISTRY 13 (8), 6432-6437

Multi-objective optimisation of electrochemical micro drilling of titanium alloy

OV Mythreyi, P Hariharan, S Gowri
International Journal of Precision Technology 7 (2-4), 188-204

Prediction and investigation of surface roughness while turning SG iron with cubic boron nitride (CBN) and tungsten carbide inserts

KM Kumar, P Hariharan
Transactions of the Canadian Society for Mechanical Engineering 41 (1), 129-141

Analysis of Parameters in Drilling Process Aid of Mathematical Modeling with Inspired Optimization Techniques

PS Kumar, P Hariharan, L Vijayaraghavan
Asian Journal of Research in Social Sciences and Humanities 7 (3), 1310-1322

Drilling of Polymeric Nano Composite Laminates Analyzing using Optimal Neural Network

PS Kumar, P Hariharan, L Vijayaraghavan
Asian Journal of Research in Social Sciences and Humanities 7 (3), 1192-1212

Effect of non-electrical parameters in μ ED milling: an experimental investigation

JM Jafferson, P Hariharan, JR Kumar
The International Journal of Advanced Manufacturing Technology 85 (9-12 ...

Investigation on HSS single point cutting tool manufactured using physical vapor deposition coating process

R Malarvannan, TV Moorthy, P Hariharan, P Prabhu
NISCAIR-CSIR, India

TITLE

EFFECT OF MULTI-WALLED CARBON NANOTUBES ON SURFACE ROUGHNESS AND MATERIAL REMOVAL RATE IN DRILLING EPDXY/GLASS FABRIC COMPOSITE

S Ponnuvel, TV Moorthy, P Hariharan

JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION 22 (2), 1363-1375

Low Cost Portable Physiotherapy Machine with Passive Harmon Graph Programming Setup

D Ravikanth, P Hariharan

International Journal of Engineering Research & Technology 4 (26), 77-80

Review on Haptics technology and its modeling, rendering and future applications on texture identification

D Ravikanth, M Mishra, P Hariharan

2015 International Conference on Man and Machine Interfacing (MAMI), 1-6

Wet Sliding Wear Optimization of Gray Cast Iron using Taguchi Technique

S Ananth, JU Prakash, TV Moorthy, P Hariharan, R Magendran, ...

International Journal of Vehicle Structures & Systems 7 (4), 154

Investigation on the corrosion behavior of physical vapor deposition coated high speed steel

RRR Malarvannan, TV Moorthy, S Sathish, P Hariharan

Advances in Mechanical Engineering 7 (8), 1687814015599524

Examination of microstructure and mechanical properties of austempered ductile iron (ADI) as per austempering temperature and time

KM Kumar, P Hariharan, P Venkateshwaran, S Tamilarasan

Transactions of the Indian Institute of metals 68 (1), 67-71

Optimization of Wear Parameters for Gray Cast Iron Using Taguchi Technique

S Ananth, JU Prakash, TV Moorthy, P Hariharan

Journal of Mines, Metals & Fuels 1 (Special Edition), 118-1122

Modeling and analysis of Micro Electro Discharge Milling process of Aluminium Matrix Composites: A Response Surface Approach

P Sivaprakasam, P Hariharan, S Gowri

Conference Paper- May

TITLE

Enhancement of wear properties on high speed steel tool using PVD coating technique

R Malarvannan, TV Moorthy, P Hariharan, S Ravi
Applied Mechanics and Materials 812, 107-111

Characterization of glass fibre/carbon fibre hybrid thermoplastics composite laminates fabricated by film stacking method

M Mudhukrishnan, P Hariharan, SK Malhotra
Applied Mechanics and Materials 787, 518-522

Optimization of Wear Parameters at High Temperature for Gray Cast Iron Using Taguchi Technique

S Ananth, JU Prakash, TV Moorthy, P Hariharan, R Magendran, D Domnic, ...
International Journal of Applied Engineering Research 10 (51), 618-621