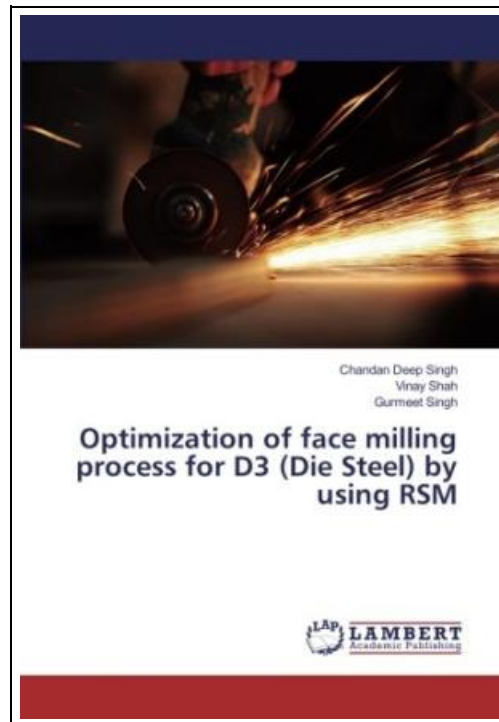


## Optimization of face milling process for D3 (Die Steel) by using RSM



Filesize: 2.21 MB

### **Reviews**

*It in one of my personal favorite publication. It is actually rally fascinating through reading through period of time. Its been printed in an extremely basic way in fact it is just after i finished reading through this ebook by which basically transformed me, change the way in my opinion.*

*(David Weber)*

## OPTIMIZATION OF FACE MILLING PROCESS FOR D3 (DIE STEEL) BY USING RSM

[DOWNLOAD PDF](#)

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | In present study an effort has been made to optimize the CNC milling parameters for D3 material using Response Surface Method (RSM) to maximize material removal rate (MRR) and minimize surface Roughness. As Speed (rpm), Feed (mm/min) and depth of cut (mm) are the main milling parameters to optimize includes operator skill, Tool used, work material, machining conditions, coolant used etc. as noise factors. Therefore considered parameters to optimize in present study are speed, feed and depth of cut. Surface Roughness (Ra) and material removal rate (Ra) are the considered responses. Machining has been done on kitamura 1992 model series CNC vertical milling machine with 4 flute carbide tool on the RSM matrix of input parameters. Further material removal rate (MRR) and surface roughness (Ra) are measured. Then analysis work has been done using regression test. After that we got optimized parameters for CNC milling to get maximum MRR and Minimum Ra. The optimum values of machining parameters - cutting speed, feed and depth of cut were determined as 2210.07 rpm, 850 mm/min and 0.237430 mm respectively. | Format: Paperback | Language/Sprache: english | 60 pp.

[Read Optimization of face milling process for D3 \(Die Steel\) by using RSM Online](#)[Download PDF Optimization of face milling process for D3 \(Die Steel\) by using RSM](#)

## Related Kindle Books

**It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em**

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating...

[Save Document »](#)

**Learn at Home: Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction)**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Learn at Home: Learn to Read at Home with Bug Club: Pink Pack Featuring Trucktown (Pack of 6 Reading Books with 4 Fiction and 2 Non-fiction), Catherine...

[Save Document »](#)

**A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half**

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

[Save Document »](#)

**Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values**

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

[Save Document »](#)

**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save Document »](#)