

## DAFTAR PUSTAKA

- [1] P. Li and Z. Chang, "Numerical Modeling of the Effect of Cutting-Edge Radius on Cutting Force and Stress Concentration during Machining," *Micromachines*, vol. 13, no. 2, pp. 1–11, 2022, doi: 10.3390/mi13020211.
- [2] T. Özel and E. Zeren, "Finite element modeling the influence of edge roundness on the stress and temperature fields induced by high-speed machining," *Int. J. Adv. Manuf. Technol.*, vol. 35, no. 3–4, pp. 255–267, 2007, doi: 10.1007/s00170-006-0720-2.
- [3] K. Yang, Y. C. Liang, K. N. Zheng, Q. S. Bai, and W. Q. Chen, "Tool edge radius effect on cutting temperature in micro-end-milling process," *Int. J. Adv. Manuf. Technol.*, vol. 52, no. 9–12, pp. 905–912, 2011, doi: 10.1007/s00170-010-2795-z.
- [4] V. Ivanov, A. Evtuhov, I. Dehtiarov, and J. Trojanowska, "Fundamentals of Manufacturing Engineering Using Digital Visualization," *Springer Tracts Mech. Eng.*, vol. Part F3570, pp. 1–110, 2025, doi: 10.1007/978-3-031-74360-3.
- [5] L. Berglind and E. Ozturk, *Modelling of machining processes*. 2019. doi: 10.1007/978-3-030-02203-7\_4.
- [6] K. Vasilko and Z. Murčinková, "Modification of the Classical Theory of Metalworking," *Manuf. Technol.*, vol. 21, no. 3, pp. 405–412, 2021, doi: 10.21062/mft.2021.044.
- [7] C. Gavrus, N. V. Ivan, and G. Oancea, "Machining Parameters Optimization Based on Objective Function Linearization," *Mathematics*, vol. 10, no. 5, pp. 1–15, 2022, doi: 10.3390/math10050803.
- [8] M. Painuly, R. P. Singh, and R. Trehan, "A Review on the Effect of Process Parameters in Electrochemical Machining of Advanced Materials," *Mod. Manuf. Syst.*, vol. 3, no. 3, pp. 473–485, 2022, doi: 10.1201/9781003284024-36.
- [9] N. Baskar, R. Vaiysnavan, R. Prabhu, R. Prakash, and T. N. Kumar, "Optimization of Machining Parameters on EN8 Material Using Genetic Algorithm," *Int. J. Eng. Res. Technol.*, vol. 6, no. 7, pp. 2–6, 2018, [Online]. Available: [www.ijert.org](http://www.ijert.org)
- [10] M. N. Piranti and A. Sofiana, "Kombinasi Penentuan Safety Stock Dan Reorder Point Berdasarkan Analisis ABC sebagai Alat Pengendalian Persediaan Cutting Tools Integrating of Safety Stock and Reorder Point Based on ABC Analysis," *J. Tek. Ind.*, vol. 7, no. 1, pp. 69–78, 2021.
- [11] H. N. A. Bakar, J. A. Ghani, and C. H. Che Haron, "Influence of rounded cutting-edge radius and machining parameters on surface roughness and tool wear in milling AISI H13 steel under dry and cryogenic machining," *J. Tribol.*, vol. 24, no. October 2019, pp. 52–64, 2020.
- [12] A. N. N. Ismail, S. H. Tomadi, N. F. H. A. Halim, M. A. Hassan, and R.

Daud, "Effect of dry and MQL cutting condition on coated carbide cutting tool during the end milling of Ti-6Al-4V titanium alloy," *J. Tribol.*, vol. 41, no. December 2023, pp. 162–176, 2024.

- [13] Rahmatullah, K. Umurani, and M. A. Siregar, "Pengembangan Lintasan Pahat Pada Pengefraisan 'Umsu' Menggunakan Cnc Tu-3a," *J. Rekayasa Mater. Manufaktur dan Energi*, vol. 4, no. 1, pp. 8–15, 2021, [Online]. Available: <https://creativecommons.org/licenses/by-sa/4.0/>
- [14] A. Steel, Z. A. M. Tagiuri, T. Dao, A. M. Samuel, and V. Songmene, "A Numerical Model for Predicting the Effect of Tool Nose Radius on Machining Process Performance during Orthogonal," 2022.
- [15] M. Riza and E. Y. T. Adesta, "Cutting Temperature Investigation of AISI H13 in High Speed End Milling," *Int. J. Eng. Mater. Manuf.*, vol. 1, no. 1, pp. 27–34, 2016, doi: 10.26776/ijemm.01.01.2016.06.
- [16] M. A. Kiprawi, A. Yassin, S. T. Syed Shazali, M. S. Islam, and M. A. Mohd Said, "Study of cutting edge temperature and cutting force of end mill tool in high speed machining," *MATEC Web Conf.*, vol. 87, 2017, doi: 10.1051/mateconf/20178702030.
- [17] G. Le Coz and D. Dudzinski, "Temperature variation in the workpiece and in the cutting tool when dry milling inconel 718," *Int. J. Adv. Manuf. Technol.*, vol. 74, no. 5, pp. 1133–1139, 2014, doi: 10.1007/s00170-014-6006-1.
- [18] Y. Wang *et al.*, "Experimental and Numerical Study on Regulation of Cutting Temperature during the Circular Sawing of 45 Steel," *Coatings*, vol. 13, no. 4, 2023, doi: 10.3390/coatings13040758.
- [19] D. Tanikić, V. Marinković, M. Manić, G. Devedžić, and S. Randelović, "Application of response surface methodology and fuzzy logic based system for determining metal cutting temperature," *Bull. Polish Acad. Sci. Tech. Sci.*, vol. 64, no. 2, pp. 435–445, 2016, doi: 10.1515/BPASTS-2016-0049.
- [20] しゅふJOB総研, "【コロナ禍で、働く主婦が夫に求める‘家事・育児’に変化】 要望率増加1位『料理』2位『買い物』3位『子どもの宿題・勉強』 | 要望率減少の1位は『子どもの学校行事』," しゅふjob総研, vol. 7, no. 2, pp. 8552–8563, 2020, [Online]. Available: <https://www.bstylegroup.co.jp/news/shufu-job/news-20716/>
- [21] Z. Aich, K. Haddouche, K. Djellouli, and A. Ghezal, "Results in Engineering An improved thermomechanical modeling for orthogonal cutting of AISI 1045 steel," *Results Eng.*, vol. 17, no. September 2022, p. 100789, 2023, doi: 10.1016/j.rineng.2022.100789.
- [22] M. Afrasiabi *et al.*, "A Numerical-Experimental Study on Orthogonal Cutting of AISI 1045 Steel and Ti6Al4V Alloy : SPH and FEM Modeling with Newly Identified Friction Coefficients," 2021.

