

DAFTAR PUSTAKA

- Aamir, M., Giasin, K., Tolouei-rad, M., & Vafadar, A. (2020). A review : *drilling performance and hole quality of aluminium alloys for aerospace applications*. *Integrative Medicine Research*, 9(6), 12484–12500. <https://doi.org/10.1016/j.jmrt.2020.09.003>
- Abas, M., Sayd, L., Akhtar, R., Khalid, Q. S., Khan, A. M., & Pruncu, C. I. (2020). Optimization of machining parameters of aluminum alloy 6026-T9 under MQL-assisted turning process. *Journal of Materials Research and Technology*, 9(5), 10916–10940. <https://doi.org/10.1016/j.jmrt.2020.07.071>
- Abell, V., & Pastor, C. V. (2024). *A Review of the Factors Influencing Surface Roughness in Machining and Their Impact on Sustainability*.
- Bhandari, B., & Park, G. (2021). *Noncontact Surface Roughness Evaluation of Milling Surface Using CNN-Deep Learning Models*.
- Camposeco-Negrete, C. (2015). Optimization of cutting parameters using Response Surface Method for minimizing energy consumption and maximizing cutting quality in turning of AISI 6061 T6 aluminum. *Journal of Cleaner Production*, 91, 109–117. <https://doi.org/10.1016/j.jclepro.2014.12.017>
- Dabees, S., Mirzaei, S., Kaspar, P., & Sobola, D. (2022). *Characterization and Evaluation of Engineered Coating Techniques for Different Cutting Tools — Review*. 1–40.
- Deepanraj, B., Raman, L. A., Senthilkumar, N., & Shivasankar, J. (2020). *Investigation and Optimization of Machining Parameters Influence on Surface Roughness in Turning AISI*. 383–390. <https://doi.org/10.5937/fme2002383B>
- Dudzik, K., & Labuda, W. (2025). The Influence of the Machining Parameters of AW-7020 Aluminum Alloy Shafts on the Surface Roughness, Cutting Forces, and Acoustic Emission Signal. *Materials*, 18(9). <https://doi.org/10.3390/ma18091992>
- Ghani, A. (n.d.). *Hard Turning Cutting Tool Materials used in Automotive and Bearing Manufacturing Applications – A review Hard Turning Cutting*

Tool Materials used in Automotive and Bearing Manufacturing Applications – A

review. <https://doi.org/10.1088/1757-899X/814/1/012005>

Gupta, M. K., Mikolajczyk, T., Giasin, K., & Kapłonek, W. (2021). *A Review of Indirect Tool Condition Monitoring Systems and.*

Gutema. (2022). *Minimization of Surface Roughness and Temperature during Turning of Aluminum 6061 Using Response Surface.*

Ismail Permana, D., & Yayat. (2019). *METAL: JURNAL SISTEM MEKANIK METAL: Jurnal Sistem Mekanik dan Termal Optimasi Parameter Permesinan Terhadap Tingkat Kekasaran Permukaan Aluminium Proses Pembubutan Dengan Metode Taguchi.*

Issue, V., Febrianton, A., Putri, I. P., Irwan, P., & Sihotang, P. (2024). *JUTIN : Jurnal Teknik Industri Terintegrasi Pengaruh Kedalaman Potong Menggunakan Insert Radius 0 , 4 mm cnmg 120404n Terhadap Kekasaran Permukaan (Surface Roughness) Baja Karbon S45C. 7(3), 3–9.* <https://doi.org/10.31004/jutin.v7i3.28567>

Javidikia, M., Sadeghifar, M., Songmene, V., & Jahazi, M. (2020). *On the Impacts of Tool Geometry and Cutting Conditions in Straight Turning of Aluminum Alloys 6061-T6 : An Experimentally Validated Numerical Study. 106, 4547–4565.*

Kumar, R., Singh, S., Singh, P., & Pruncu, I. (2021). *Revealing the benefits of entropy weights method for multi-objective optimization in machining operations : A critical review t a. 4.* <https://doi.org/10.1016/j.jmrt.2020.12.114>

Li, Y. T. S., & Lumintang, R. (n.d.). *Pengaruh Kecepatan Pemakanan Terhadap Kekasaran Permukaan Benda Kerja Pada Mesin Bubut Kent Usa Rml-1640t. 12, 25–36.*

Mahbubah, N. A., Nuruddin, M., Dahda, S. S., Andesta, D., & Ismiyah, E. (2022). *Optimization of CNC Turning Parameters for cutting Al6061 to Achieve Good Surface Roughness Based on Taguchi Method. 1(1), 1–9.*

Murray, J. W., Liao, Z., Speidel, A., Robles-linares, J. A., Axinte, D. A., Hardy, M. C., & Clare, A. T. (2021). *International Journal of Machine Tools and*

- Manufacture Surface integrity in metal machining - Part II : Functional performance. *International Journal of Machine Tools and Manufacture*, 164(December 2020), 103718.
<https://doi.org/10.1016/j.ijmachtools.2021.103718>
- Ogunsemi, B. T., Abioye, T. E., Ogedengbe, T. I., & Zuhailawati, H. (2021). A review of various improvement strategies for joint quality of AA 6061-T6 friction stir weldments. *Journal of Materials Research and Technology*, 11, 1061–1089.
<https://doi.org/10.1016/j.jmrt.2021.01.070>
- Pambudi, F. (2022). Analisis pengaruh kecepatan putaran spindle terhadap kekasaran permukaan benda kerja pada proses pengerjaan mesin bubut. 12(2), 137–143.
- Pimenov, D. Y. (2020). *Condition Monitoring System in Turning of AISI 5140*. Pimenov, D. Y., Kiran, M., Khanna, N., Pintaude, G., Vasco, M. C., da Silva, L.
- R. R., & Giasin, K. (2023). Review of improvement of machinability and surface integrity in machining on aluminum alloys. In *International Journal of Advanced Manufacturing Technology* (Vol. 129, Issues 11–12, pp. 4743–4779). Springer Science and Business Media Deutschland GmbH. <https://doi.org/10.1007/s00170-023-12630-4>
- Rizzo, A., Goel, S., Grilli, M. L., Iglesias, R., Jaworska, L., Lapkovskis, V., Novak, P., & Postolnyi, B. O. (2020). *The Critical Raw Materials in Cutting Tools for Machining Applications : A Review*.
- Saini, P., Singh, P. K., Fan, M., Zhou, X., Chen, S., Zhao, G., Zhao, B., & Ding, W. (n.d.). *Effect of Machining Parameters on the Surface Roughness for Different Type of Materials Effect of Machining Parameters on the Surface Roughness for Different Type of Materials*.
<https://doi.org/10.1088/1757-899X/530/1/012008>
- Siahsarani, A., Bayat, M., Alinaghizadeh, A., Azarhoushang, B., Bösinger, R., & Amini, S. (2025). Surface integrity optimization in milling of aluminum 1100: effects of supercritical CO₂ + MQL and emulsion cooling with various milling strategies. *International Journal of*

- Advanced Manufacturing Technology*, 137(11), 6139–6152.
<https://doi.org/10.1007/s00170-025-15540-9>
- Sonar, H., Saxena, V., Kshirsagar, V., & Deshpande, S. P. (2016). *process parameters optimization of cnc turning machine for aluminium alloy using taguchi method*. 2319–2322.
- Sousa, V. F. C., Jos, F., Silva, D., Pinto, G. F., Baptista, A., & Alexandre, R. (2021). *Characteristics and Wear Mechanisms of TiAlN-Based Coatings for Machining Applications : A Comprehensive Review*. 1–49.
- Tercan, H., & Meisen, T. (2022). Machine learning and deep learning based predictive quality in manufacturing : a systematic review. *Journal of Intelligent Manufacturing*, 33(7), 1879–1905.
<https://doi.org/10.1007/s10845-022-01963-8>
- Thoifur, M., Hardjito, A., Mesin, T., & Malang, P. N. (2024). *Jurnal teknik mesin*. 3(2), 310–317.
- Xu, W., Li, C., Zhang, Y., Ali, H. M., Said, Z., Liu, X., & Zhou, Z. (n.d.). *lubrication machining : from mechanism to Electrostatic atomization minimum quantity lubrication machining*