

DAFTAR PUSTAKA

- [1] P. Mulidrán, M. Šiser, J. Slota, E. Spišák, and T. Sleziak, “Numerical prediction of forming car body parts with emphasis on springback,” *Metals (Basel)*, vol. 8, no. 6, 2018, doi: 10.3390/met8060435.
- [2] B. Billade and P. S. Dahake, “Design and Analysis of Draw Bead Profile in Sheet Metal Forming Of Reinf-Rr End Upr-Lh / Rh for Safe Thinning,” vol. 7, no. 7, pp. 1–10, 2021.
- [3] H. Zein and O. M. Irfan, “Optimization and mapping of the deep drawing force considering friction combination,” *Appl. Sci.*, vol. 11, no. 19, 2021, doi: 10.3390/app11199235.
- [4] A. Taşkın and C. G. Dengiz, “Experimental and numerical optimization of deep drawing process parameters for square medical container design with the Taguchi method,” *Int. J. Adv. Manuf. Technol.*, vol. 132, no. 5–6, pp. 2643–2659, 2024, doi: 10.1007/s00170-024-13477-z.
- [5] D. C. Montgomery, *Design and Analysis of Experiments*, 10th ed. 2020.
- [6] A. Handayani, “Sistem Prediksi Preventive Maintenance Pada Mesin Stamping,” *Perpust. UNTIDAR Repos. Mhs. Untidar*, 2022.
- [7] M. Albano *et al.*, “Advanced sensor-based maintenance in real-world exemplary cases,” *Automatika*, vol. 61, no. 4, pp. 537–553, 2020, doi: 10.1080/00051144.2020.1794192.
- [8] A. Sunanta, W. Julsri, and S. Suranuntchai, “Optimization of Forming Process Parameters for Automotive Advanced High Strength Steel Parts Using the Taguchi Method,” *Eng. J.*, vol. 28, no. 10, pp. 25–46, 2024, doi: 10.4186/ej.2024.28.10.25.
- [9] R. S. Theryo, *Teknologi press dies : panduan desain*. Penerbit Kanisius, 2009.
- [10] R. Tehel, T. Päßler, R. Kurth, M. Nagel, W. Reichert, and S. Ihlenfeldt, “Virtual Tryout: Case Study on Simulation-Based Design and Die Spotting of Forming Tools †,” *Eng. Proc.*, vol. 26, no. 1, 2022, doi: 10.3390/engproc2022026009.
- [11] V. Boljanovic, *Sheet Metal Forming Processed and Die Design*. 2014.

- [12] E. Glorieux, *Multi-Robot Motion Planning Optimisation for Handling Sheet Metal Parts*, no. 10. 2017.
- [13] R. S. Theryo, *Teknologi Press Dies*. 2009.
- [14] V. Galkin, A. Kurkin, G. Gavrilov, I. Kulikov, and E. Bazhenov, "Investigation of the Technological Possibility of Manufacturing Volumetric Shaped Ductile Cast Iron Products in Open Dies," 2023.
- [15] M. Muro, I. Aseguinolaza, and G. Artola, "Die material selection criteria for aluminum hot stamping," *J. Manuf. Mater. Process.*, vol. 5, no. 1, p. 15, 2021.
- [16] H. Zhang, W. Wei, S. Long, M. Zhou, and C. Li, "Optimization of Stamping Process Parameters for Sustainable Manufacturing: Numerical Simulation Based on AutoForm," *Sustain.*, vol. 17, no. 1, pp. 1–16, 2025, doi: 10.3390/su17010341.
- [17] S. Wahyanti, "Studi Perilaku Wrinkling Dan Thinning Pada Proses," 2020.
- [18] Yuhuai Wang, "A Novel Algorithm for Thickness Prediction in Incremental Sheet Metal Forming," 2022, doi: <https://doi.org/10.3390/ma15031201>.
- [19] E. Spišák, J. Majerníková, P. Mulidrán, J. Hajduk, and F. Ruda, "Springback Analysis and Prediction of Automotive Steel Sheets Used in Compression Bending," *Materials (Basel)*, vol. 18, no. 4, pp. 1–15, 2025, doi: 10.3390/ma18040774.
- [20] M. Groover, "Fundamentals of Modern Manufacturing Materials, Processes and Systems," *John Wiley Sons*, p. 493, 2010.
- [21] S. L. Semiatin, *Introduction to Sheet-Forming Processes*, vol. 14. 2006. doi: 10.31399/asm.hb.v14b.a0005100.
- [22] K. Bouchaâla, M. F. Ghanameh, M. Faqir, M. Mada, and E. Essadiqi, "Numerical investigation of the effect of punch corner radius and die shoulder radius on the flange earrings for AA1050 and AA1100 aluminum alloys in cylindrical deep drawing process," *Heliyon*, vol. 7, no. 4, 2021, doi: 10.1016/j.heliyon.2021.e06662.
- [23] B. Jiang, J. Huang, H. Ma, H. Zhao, and H. Ji, "Multi-Objective Optimization of Process Parameters in 6016 Aluminum Alloy Hot

- Stamping Using Taguchi-Grey Relational Analysis,” *Materials (Basel)*., vol. 15, no. 23, 2022, doi: 10.3390/ma15238350.
- [24] X. Z. Wang, S. H. Masood, and M. Dingle, “Numerical Simulation and Optimisation of Sheet Metal Forming for Auto-Body Panel Using AutoForm Software,” *Mater. Sci. Forum*, vol. 561–565, pp. 1911–1914, 2007, doi: 10.4028/www.scientific.net/msf.561-565.1911.
- [25] M. Murugesan, J. H. Yu, K. S. Jung, S. M. Cho, K. S. Bhandari, and C. W. Lee, “Optimization of Forming Parameters in Incremental Sheet Forming of AA3003-H18 Sheets Using Taguchi Method,” *Materials (Basel)*., vol. 15, no. 4, pp. 1–16, 2022, doi: 10.3390/ma15041458.