

## DAFTAR PUSTAKA

- [1] *Peraturan Badan Pengawas Obat dan Makanan Nomor 19 Tahun 2019 tentang Pedoman Cara Produksi yang Baik untuk Pangan Steril Komersial yang Diolah dan Dikemas Secara Aseptik*, 2019. [Online]. Tersedia: [https://standarpangan.pom.go.id/dokumen/peraturan/2019/PBPOM\\_Nomor\\_19\\_Tahun\\_2019\\_tentang\\_Pedoman\\_Aseptik.pdf](https://standarpangan.pom.go.id/dokumen/peraturan/2019/PBPOM_Nomor_19_Tahun_2019_tentang_Pedoman_Aseptik.pdf) [Diakses: 24 Feb. 2025].
- [2] A. Fatkhurrohman dan S. Subawa, "Penerapan kaizen dalam meningkatkan efisiensi dan kualitas produk pada bagian banbury PT Bridgestone Tire Indonesia," *Jurnal Administrasi Kantor*, vol. 4, no. 1, pp. 14–31, 2016.
- [3] D. Z. B. Ardhi, *Optimasi sprocket, link plate dan pallet hanger pada main chain vertical rotary parking dengan menggunakan simulasi elemen hingga*, Disertasi Doktor, Institut Teknologi Sepuluh Nopember, 2017.
- [4] J. Zhou, Y. Lin, dan Z. Zhou, "Optimization design of FSAE racing car sprocket based on ANSYS," dalam *Journal of Physics: Conference Series*, vol. 2338, no. 1, p. 012037, Sep. 2022. IOP Publishing.
- [5] P. Nikam dan R. Tanpure, "Design optimization of chain sprocket using finite element analysis," *International Journal of Engineering Research and Applications*, vol. 6, no. 9, pp. 66, 2017.
- [6] M. Harnesswala dan S. Jha, *Design and analysis of a sprocket-hub assembly*, Dept. of Mechanical Engineering, Sinhgad Academy of Engineering, Pune, India, 2020.
- [7] Catalog perusahaan, *Spare Part Catalog (SPC) TFA 50*, n.d.
- [8] R. Towolom, "Sprocket: Pengertian sprocket," *Academia.edu*. [Online]. Tersedia di: [https://www.academia.edu/30592555/Sprocket\\_Pengertian\\_Sprocket](https://www.academia.edu/30592555/Sprocket_Pengertian_Sprocket). [Diakses: 10 Jan. 2025].

- [9] R. Smith dan R. K. Mobley, *Rules of Thumb for Maintenance and Reliability Engineers*. s.l.: Butterworth-Heinemann, 2008.
- [10] N. Gunantara, *Teknik Optimasi (Teori, Konsep, dan Aplikasi)*, 2018.
- [11] D. D. Planchard and M. P. Planchard, *the Fundamentals of SolidWorks 2007*, Schroff Development Corporation, 2007.
- [12] P. M. Kurowski, *Engineering Analysis with SolidWorks Simulation 2015*, Schroff Development Corporation, 2015.
- [13] J. Fish dan T. Belytschko, *A First Course in Finite Elements*, vol. 1. Chichester: John Wiley & Sons Limited, 2007.
- [14] O. C. Zienkiewicz and R. L. Taylor, *The Finite Element Method: Volume 1*, Oxford, UK: Butterworth-Heinemann, 2000.
- [15] J. H. Fergizer and M. Peric, *Computational Methods for Fluid Dynamics*, Berlin, Germany: Springer, 2002.
- [16] F. P. Incropera and D. P. DeWitt, *Fundamentals of Heat dan Mass Transfer*, Hokoben, NJ: Wiley, 2002.
- [17] A. K. Chopra, *Dynamics of Structures: Theory and Applications to Earthquake Engineering*, Upper Saddle River, NJ: Pearson, 2012.
- [18] P. P. Silvester and R. L. Ferrari, *Finite Elements for Electrical Engineers*, Cambridge, UK: Cambridge University Press, 1996.
- [19] M. Taylor, "Finite Element Analysis in Biomechanics," *Journal of Biomechanics*, vol. 36, no. 1, pp. 1-14, 2003.
- [20] T. L. Anderson, *Fracture Mechanics: Fundamentals and Applications*, Boca Raton, FL: CRC Press, 2005.

- [21] Z. Abidin dan B. R. Rama, "Analisa distribusi tegangan dan defleksi connecting rod sepeda motor 100 cc menggunakan metode elemen hingga," *Jurnal Rekayasa Mesin Universitas Sriwijaya*, vol. 15, no. 1, pp. 30–39, 2015.
- [22] R. C. Hibbeler, *Mechanics of Materials*. Canada: Pearson Prentice Hall, 2008.
- [23] B. Hastomo, *Analisis pengaruh sifat mekanik material terhadap distribusi tegangan pada proses deep drawing produk end cup hub body maker dengan menggunakan software Abaqus 6.5-1*, Disertasi Doktor, Universitas Muhammadiyah Surakarta, 2009.
- [24] R. Hill, "A theory of the Yielding and Plastic Flow of Anisotropic Metals," *Proceedings of the Royal Society of London*, vol. 193, no. 1033, pp. 281–297, 1948.
- [25] O. C. Zienkiewicz and R. L. Taylor, "The Finite Element Method for Solid and Structural Mechanics," Elsevier, 2005.
- [26] B. Sulaeman, "Modulus elastisitas berbagai jenis material," *PENA TEKNIK: Jurnal Ilmiah Ilmu-ilmu Teknik*, vol. 3, no. 2, pp. 127–138, 2018.
- [27] M. Rutheravan, *Summary of Safety Criteria in Design*. Pahang: Universitas Malaysia Pahang, pp. 1, 2016.
- [28] V. Dobrovolsky, K. Zablonsky, S. Mak, A. Radchik and L. Erlikh, *Machine Elements*, Moscow: Peace Publisher, 1978.
- [29] A. Fatemi, *Chapter 4: Fatigue Tests and Stress-Life (S-N) Approach*, University of Toledo, [n.d.].
- [30] G. E. Totten, Ed., *ASM Metals Handbook, Volume 19: Fatigue and Fracture*, 10th ed. Materials Park, OH, USA: ASM International, 1996.

- [31] Lamineries Matthey, "Steel 1.4301 - Lamineries Matthey." [Online]. Tersedia di: [https://www.matthey.ch/fileadmin/user\\_upload/downloads/fichetechnique/EN/1.4301\\_C.pdf](https://www.matthey.ch/fileadmin/user_upload/downloads/fichetechnique/EN/1.4301_C.pdf). [Diakses: 15 Jan. 2025].
- [32] MakeItFrom, "EN 1.4301 (X5CrNi18-10) stainless steel material properties." [Online]. Tersedia di: <https://www.makeitfrom.com/material-properties/EN-1.4301-X5CrNi18-10-Stainless-Steel>. [Diakses: 15 Jan. 2025].
- [33] [1] A. H. Shigley and R. G. Budynas, *Mechanical Engineering Design*, 10th ed., McGraw-Hill, 2015.
- [34] M. R. Hibbeler, *Mechanics of Materials*, 10th ed., Pearson, 2016.
- [35] H. Rahman, A. F. M. Arif, and M. A. Maleque, "Stress Analysis of Finite Steel Plate with a Rectangular Hole Subjected to Uniaxial Stress using Finite Element Method," *Journal of Material Sciences & Engineering*, vol. 6, no. 254, 2017.
- [36] S. Suresh, *Fatigue of Materials*, 2nd ed., Cambridge University Press, 1998.
- [37] A. F. M. Arif, "Fatigue behavior of materials: Microstructural aspects and influence of defects," *International Journal of Fatigue*, vol. 28, pp. 145–158, 2006.
- [38] H. A. Elsayed and A. M. Abd Elaziz, "Fatigue Behavior and Life Estimation of Composite Materials: A Review," *Journal of Materials Science Research and Reviews*, vol. 7, no. 4, pp. 43–59, Sept. 2021. [Online]. Available: [https://www.researchgate.net/figure/A-typical-S-N-curve\\_fig3\\_354327123](https://www.researchgate.net/figure/A-typical-S-N-curve_fig3_354327123)