

DAFTAR PUSTAKA

- [1] World Health Organization, “The Top 10 Causes Of Death,” www.who.int. [Online]. Available: <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death>
- [2] J. Lévesque, D. Dubé, M. Fiset, and D. Mantovani, “Materials And Properties For Coronary Stents,” *Advanced Materials and Processes*, vol. 162, no. 9, pp. 45–48, 2004.
- [3] S. Harselia, “Tindakan Percutaneous Coronary Intervention Pada Pasien Stenosis Arteri Koroner Kanan,” *ARKAVI [Arsip Kardiovaskular Indonesia]*, vol. 3, no. 1, pp. 186–191, 2018, doi: 10.22236/arkavi.v3i1.3687.
- [4] P. Poncin and J. Proft, “Stent tubing: Understanding the desired attributes,” *Medical Device Materials - Proceedings of the Materials and Processes for Medical Devices Conference 2003*, no. September, pp. 253–259, 2003.
- [5] A. Aziz, M. Yang, T. Shimizu, and T. Furushima, “Effect of Martensitic Transformation and Grain Misorientation on Surface Roughening Behavior of Stainless Steel Thin Foils,” *Eng*, vol. 2, no. 3, pp. 372–385, 2021, doi: 10.3390/eng2030024.
- [6] I. N. Jujur, S. E. Susilowati, S. Roseno, and A. H. S. Wargadipura, “The Effect of Niobium Addition on Mechanical Properties and Corrosion Resistance of a Medical Grade SS316L,” 2021. doi: 10.22146/ajche.63778.
- [7] A. Behera and S. Aich, “Characterisation and properties of magnetron sputtered nanoscale bi-layered Ni / Ti thin films and effect of annealing,” no. December, 2020, doi: 10.1002/sia.5777.
- [8] D. Sianipar *et al.*, “PENGARUH KEKASARAN STAINLESS STEEL TIPE 304 YANG DIGUNAKAN UNTUK KAWAT ORTODONTIK TERHADAP LAJU KOROSI PADA LARUTAN SALIVA,” vol. 12, no. 2, pp. 25–36, 2024.

- [9] A. Nasution, “APLIKASI BIOMATERIAL DALAM KARDIOLOGI: STENT KORONARIA,” 2012.
- [10] Y. Zheng and H. Yang, *Manufacturing of cardiovascular stents*. LTD, 2020. doi: 10.1016/B978-0-08-102965-7.00009-6.
- [11] Y. Dai, S. S. Chopra, M. Steinbach, S. Kneif, and M. Hünerbein, “Esophageal Stents for Leaks and Perforations,” *Semin Thorac Cardiovasc Surg*, vol. 23, no. 2, pp. 159–162, 2011, doi: 10.1053/j.semtcvs.2011.08.004.
- [12] Y. A. Klyachko, V. G. Starchak, R. K. Melekhov, and I. I. Vasilenko, “Effect Of Heat Treatment On The Corrosion Resistance And Mechanical Properties Of Steel 16gnma,” *Metal Science and Heat Treatment*, vol. 14, no. 11, pp. 1019–1021, 1972, doi: 10.1007/BF00652010.
- [13] A. J. Sinaga and C. Manurung, “Analisa Laju Korosi dan Kekerasan Pada Stainless Steel 316 L Dalam Larutan 10 % NaCl Dengan Variasi Waktu Perendaman,” *Sprocket Journal of Mechanical Engineering*, vol. 1, no. 2, pp. 92–99, 2020, doi: 10.36655/sprocket.v1i2.186.
- [14] S. H. Avner, *INTRODUCTION TO PHYSICAL Second Edition*. 1974.
- [15] A. Pramono, J. Teknik, M. Fakultas, T. Universitas, S. Ageng, and T. Cilegon, “Karakterisrik Mekanik Proses Hardening Baja Aisi 1045 Media Quenching Untuk Aplikasi Sprochet Rantai,” vol. 5, no. 1, pp. 32–38, 2011.
- [16] A. S. Ismy, “Hardening Pada Baja AISI C 1045,” *Politeknik Negeri Lhokseumawe*, pp. 217–222, [Online]. Available: <https://media.neliti.com/media/publications/313731-hardening-pada-baja-aisi-c-1045-a596d7b5.pdf>
- [17] Ariani Nurul and Mahmudah Liyati, “Recycle Of Aluminium Foil Waste From Packaging As Coagulant On Wastewater Treatment Liyati Mahmudah,” vol. 2, no. 2, 2017.
- [18] A. Aziz, M. Yang, T. Shimizu, and T. Furushima, “The Relationship Between Surface roughening and Resistance Heating in Austenitic Thin Metal Foils of SUS 304 and SUS 316 During Tensile Test,” no. 1, pp. 17–25, 2021.

- [19] T. Furushima, H. Tsunezaki, and Y. Hirose, “Fracture and surface roughening behaviors in micro metal forming,” *Procedia Manuf*, vol. 15, pp. 1481–1486, 2018, doi: 10.1016/j.promfg.2018.07.331.
- [20] A. L. Bement, *The Science and Engineering of Materials*, vol. 18, no. 1. 1987. doi: 10.1007/BF02658426.
- [21] R. D. Pravitasari, R. D. Mayasari, W. Rianti, and D. Gustiono, “VARIASI PARAMETER CHEMICAL ETCHING NaOH PADA SAMPEL INGOT SILIKON POLIKRISTAL TERHADAP PERMUKAAN MIKROSTRUKTUR,” *Prosiding Seminar Nasional Fisika (E-Journal)*, vol. 4, pp. SNF2015-VII, 2015.
- [22] B. Budiana, F. Nakul, N. Wivanus, B. Sugandi, and R. Yolanda, “Analisis Kekasaran Permukaan Besi ASTM36 dengan menggunakan Surftest dan Image –J,” *Journal of Applied Electrical Engineering*, vol. 4, no. 2, pp. 49–54, 2020, doi: 10.30871/jaee.v4i2.2747.
- [23] S. H. A. Alfatlawi, “Influence the Quenching and Tempering on the Microstructure, Mechanical Properties and Surface Roughness, of Medium Carbon Steel,” *the Iraqi Journal for Mechanical and Materials Engineering*, vol. 18, no. 1, pp. 125–135, 2018, doi: 10.32852/ijfmme.vol18.iss1.78.
- [24] A. Setiawan, A. Suprihanto, and Sulistyo, “Pengaruh kekasaran permukaan terhadap ketahanan korosi stainless steel 444 dalam cairan saliva buatan,” *Jurnal Teknik Mesin Indonesia*, vol. 16, no. 2, pp. 92–96, 2021.
- [25] F. Vollertsen, H. Schulze Niehoff, and Z. Hu, “State of the art in micro forming,” *Int J Mach Tools Manuf*, vol. 46, no. 11 SPEC. ISS., pp. 1172–1179, 2006, doi: 10.1016/j.ijmachtools.2006.01.033.
- [26] K. Osakada and M. Oyane, “On the Roughening Phenomena of Free Surface in Deformation Process,” *Chemical Pharmaceutical Bulletin*, no. 43, p. 2091, 2002, [Online]. Available: <http://www.mendeley.com/research/geology-volcanic-history-eruptive-style-yakedake-volcano-group-central-japan/>
- [27] Q. Zheng, T. Shimizu, T. Shiratori, and M. Yang, “Tensile properties and constitutive model of ultrathin pure titanium foils at elevated temperatures in

- microforming assisted by resistance heating method," *Mater Des*, vol. 63, pp. 389–397, 2014, doi: 10.1016/j.matdes.2014.06.039.
- [28] A. Aziz, M. Yang, T. Shimizu, and T. Furushima, "Constitutive Model of the Surface Roughening Behavior of Austenitic Stainless Steel," *Materials*, vol. 15, no. 12, 2022, doi: 10.3390/ma15124348.
- [29] W. Callister, "Materials Science and Engineering AN INTRODUCTION," in *Physical Basis of Plasticity in Solids*, 10th ed., L. Rosatone, Ed., WORLD SCIENTIFIC, 2011, pp. 13–37. doi: 10.1142/9789814374064_0002.
- [30] Ciptanto Lubis P, Budianto U, and Jokosisworo S, "Analisa Pengaruh Variasi Waktu Post Weld Heat Treatment Pada Pengelasan SMAW Baja A36 Terhadap Kekuatan Uji Tarik, Uji Impak dan Struktur Mikro," *Jurnal Teknik Perkapalan*, vol. 10, no. 3, p. 48, 2022, [Online]. Available: <https://ejournal3.undip.ac.id/index.php/naval>
- [31] Nizar, "Pengaruh Variasi Beban Indentor Vickers Hardness Tester Terhadap Hasil Uji Kekerasan Material Aluminium Dan Besi Cor," *Mer-C*, vol. 1, no. 10, pp. 1–5, 2018.
- [32] D. R. Askeland, *The Science and Engineering of Materials*, 6th ed. Stamford: Christopher M. Shortt, 2011.
- [33] A. Aziz and M. Yang, "Effect of Martensitic Transformation and Grain Size on the Surface Roughening Behavior in SUS 304 and SUS 316 Thin Metal Foils," *Eng*, vol. 1, no. 2, pp. 167–182, 2020, doi: 10.3390/eng1020011.
- [34] H. Perdana, MT. Andinnie Juniarah, ST., and Dr. Efendi, "Pengaruh Temperatur dan Waktu Tahan Tempering Terhadap Kekerasan, Struktur Mikro dan Laju Korosi Pada Baja Tahan Karat Martensitik 13Cr3Mo3Ni," *Jurnal Furnace*, vol. 03, p. 01, 2017.
- [35] M.- Rohmah, "Pengaruh Penempaan Dan Perlakuan Panas Terhadap Sifat Mekanik Dan Ketahanan Korosi Pada Modifikasi Baja Laterit a-588," *Metalurgi*, vol. 36, no. 1, p. 33, 2021, doi: 10.14203/metalurgi.v36i1.579.
- [36] J. Wang, Y. Kang, H. Yu, and W. Ge, "Effect of Quenching Temperature on Microstructure and Mechanical Properties of Q1030 Steel," *Materials*

Sciences and Applications, vol. 10, no. 10, pp. 665–675, 2019, doi: 10.4236/msa.2019.1010047.

- [37] V. K. Pal and L. P. Singh, “Effect of Varying Heat Treatment Regimes on Microstructure and Mechanical Properties of P92 Steel Welds,” *Journal of Mechanical Engineering*, vol. 25, no. 1, pp. 38–59, 2022, doi: 10.15407/pmach2022.02.038.