

DAFTAR PUSTAKA

- , A. S. M. I. H. C. T. A.-T. T. (2000). *ASM handbook. Volume 8, Mechanical testing and evaluation* (NV-). ASM International. <https://doi.org/LK> - <https://worldcat.org/title/648977882>
- AHMADI, N. (2014). *Pengaruh Deformasi Dingin Dan Surface Mechanical Attrition Treatment (Smat) Terhadap Kekerasan, Struktur Mikro, Dan Ketahanan Korosi Baja Tahan Karat AISI 316L*. Universitas Gadjah Mada.
- Ahmed, A. A., Mhaede, M., Basha, M., Wollmann, M., & Wagner, L. (2015). The effect of shot peening parameters and hydroxyapatite coating on surface properties and corrosion behavior of medical grade AISI 316L stainless steel. *Surface and Coatings Technology*, 280, 347–358.
- Ashby, M. F., & Jones, D. R. H. (2012). *Engineering materials 1: an introduction to properties, applications and design* (Vol. 1). Elsevier.
- Bahri, A. S. (2016). *Pengaruh Durasi Dan Diameter Steel Ball Pada Proses Shot Peening Terhadap Sifat Fisis, Mekanis Dan Pengaruh Media Korosif Terhadap Ketahanan Korosi Material AISI 316L*. Universitas Gadjah Mada.
- Bhushan, B., Bhushan, B., & Baumann. (2007). *Springer handbook of nanotechnology* (Vol. 2). Springer.
- Borruto, A., Crivellone, G., & Marani, F. (1998). Influence of surface wettability on friction and wear tests. *Wear*, 222(1), 57–65.
- Callister Jr, W. D., & Rethwisch, D. G. (2018). Characteristics, Application, and Processing of Polymers. In *Materials Science and Engineering - An Introduction*.
- Callister, W. D., & Rethwisch, D. G. (2007). *Materials science and engineering: an introduction* (Vol. 7). John Wiley & sons New York.
- Chateauminois, A. (2000). ASM Handbook: Surface Engineering (Vol 5). *Tribology International*, 33(1), 67. [https://doi.org/10.1016/s0301-679x\(00\)00006-2](https://doi.org/10.1016/s0301-679x(00)00006-2)
- Cho, K. T., Song, K., Oh, S. H., Lee, Y.-K., Lim, K. M., & Lee, W. B. (2012). Surface hardening of aluminum alloy by shot peening treatment with Zn based

- ball. *Materials Science and Engineering: A*, 543, 44–49.
- Dai, K., Villegas, J., Stone, Z., & Shaw, L. (2004). Finite element modeling of the surface roughness of 5052 Al alloy subjected to a surface severe plastic deformation process. *Acta Materialia*, 52(20), 5771–5782.
- Dieter, George E, & Bacon, D. (1988). MECHANICAL METALLURGY SI Metric Edition McGraw-Hili Book Company. In *Mechanical Metallurgy*.
- Dieter, George Ellwood. (2011). Mechanical metallurgy. In *Mechanical metallurgy*. <https://doi.org/10.5962/bhl.title.35895>
- FAQIHUDIN, A. (2017). *Pengaruh Durasi dan Jarak Tembak pada Proses Shot Peening terhadap Sifat Fisi, Mekanis, Wettability, dan Ketahanan Korosi Sumuran Material Stainless Steel 316 L*. Universitas Gadjah Mada.
- Iii, W. P. R. (2006). ASM Handbook Volume 14B Metalworking: Sheet Forming. In *Metalworking: Sheet Forming* (Vol. 14).
- Ishaka, F., Santoso, T. D., & Pohan, G. A. (2020). Pengaruh Ukuran Pasir Pada Perlakuan Sandblasting Yang Memanfaatkan Pasir Besi Terhadap Wettability Baja Tahan Karat 316L. *Jurnal Mesin Material Manufaktur Dan Energi*, 1(1), 9–13.
- Iswanto, P. T., Maliwemu, E. U. K., Malau, V., Imaduddin, F., & Sadida, H. M. (2020). Surface roughness, hardness, and fatigue-corrosion characteristic of AISI 316L by shot peening. *Metalurgija*, 59(2), 183–186.
- Lee, H., Kim, D., Jung, J., Pyoun, Y., & Shin, K. (2009). Influence of peening on the corrosion properties of AISI 304 stainless steel. *Corrosion Science*, 51(12), 2826–2830.
- Lely Susita, R. M., Siswanto, B., Aziz, I., & Anggraini, A. (2016). Pengaruh Dosis Ion Nitrogen Pada Ketahanan Korosi, Struktur Mikro Dan Struktur Fase Biomaterial Stainless Steel Austenitik 316l. *GANENDRA Majalah IPTEK Nuklir*, 19(1), 47–54.
- Los, U. M. D. E. C. D. E. (1998). Metals Handbook Desk Edition. *Metals Handbook Desk Edition*. <https://doi.org/10.31399/asm.hb.mhde2.9781627081993>
- Mahardika, M., & Saputra, Y. (2014). Peningkatan Kualitas Permukaan Pada Stainless Steel 316l Dengan Metode Cold Working. *Jurnal Teknologi*, 7(2),

141–145.

- Maleki, E., & Unal, O. (2021). Optimization of Shot Peening Effective Parameters on Surface Hardness Improvement. *Metals and Materials International*, 27(9), 3173–3185. <https://doi.org/10.1007/s12540-020-00758-x>
- Materials, T., & Company, I. (n.d.). *ASM Handbook Volume 04: Heat Treating*. <http://www.asminternational.org/portal/site/www/AsmStore/ProductDetails/?vgnnextoid=fec410a74e0f8110VgnVCM100000701e010aRCRD>
- Meyers, M. A., & Chawla, K. K. (2008). *Mechanical behavior of materials*. Cambridge university press.
- Narayan, R. (2012). ASM Handbook, Volume 23, Materials for Medical Devices. *Materials Park: ASM International*.
- Nuhgraha, Y. A. (2019). Studi Karakteristik Pelat Tembaga Terhadap Pengerolan Dingin. *Jurnal TEDC*, 9(2), 81–89.
- Perren, S. M., Mathys, R., & Pohler, O. (2000). *1.3 Implants and materials in fracture fixation*.
- Ratner, B. D., Hoffman, A. S., Schoen, F. J., & Lemons, J. E. (1996). BIOMATERIALS SCIENCE An Introduction to Materials in Medicine Edited by. In *Chemical Engineering*.
- Respati, S. M. B. (2010). Bahan Biomaterial Stainless Steel Dan Keramik. *Momentum*, 6(1), 5–8.
- RIFQI, M. (2017). *Pengaruh Durasi Pada Proses Shot Peening Terhadap Sifat Fisis, Mekanis, Wettability Dan Ketahanan Korosi Sumuran Material Stainless Steel 316L*. Universitas Gadjah Mada.
- Rosales-Leal, J. I., Rodríguez-Valverde, M. A., Mazzaglia, G., Ramón-Torregrosa, P. J., Díaz-Rodríguez, L., García-Martínez, O., Vallecillo-Capilla, M., Ruiz, C., & Cabrerizo-Vílchez, M. A. (2010). Effect of roughness, wettability and morphology of engineered titanium surfaces on osteoblast-like cell adhesion. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 365(1–3), 222–229.
- Saputro, H. (2010). Model matematik untuk memprediksi kekasaran permukaan hasil proses cnc bubut tanpa pendinginan. *Traksi*, 10(1).

- Sivaraj, D., & Vijayalakshmi, K. (2018). Enhanced corrosion resistance and antibacterial activity of Zn-HA decorated MWCNTs film coated on medical grade 316L SS implant by novel spray pyrolysis technique. *Journal of Analytical and Applied Pyrolysis*, 134, 176–182.
- Sunardi, Iswanto, P. T., & Mudjijana. (2015). Peningkatan Ketahanan Korosi Pada Material Biomedik Plat Penyambung Tulang SS 304 Dengan Gabungan Metode Shot peening dan Electroplating Ni-Cr. *Jurnal Ilmiah Semesta Teknika*, 18(2), 160–167.
- Tayyab, K. Bin, Farooq, A., Alvi, A. A., Nadeem, A. B., & Deen, K. M. (2021). Corrosion behavior of cold-rolled and post heat-treated 316L stainless steel in 0.9 wt% NaCl solution. *International Journal of Minerals, Metallurgy and Materials*, 28, 440–449.
- Vandersluis, E., Lombardi, A., Ravindran, C., Bois-Brochu, A., Chiesa, F., & MacKay, R. (2015). Factors influencing thermal conductivity and mechanical properties in 319 Al alloy cylinder heads. *Materials Science and Engineering A*, 648, 401–411. <https://doi.org/10.1016/j.msea.2015.09.091>
- Wilson, C. J., Clegg, R. E., Leavesley, D. I., & Percy, M. J. (2005). Mediation of biomaterial–cell interactions by adsorbed proteins: a review. *Tissue Engineering*, 11(1–2), 1–18.
- Yaqin, R. I. (2017). Pengaruh Durasi Shot Peening Terhadap Struktur Mikro Dan Kekerasan Permukaan Pada Aisi 316L. *Conference SENATIK STT Adisutjipto Yogyakarta*, 3, 0–4. <https://doi.org/10.28989/senatik.v3i0.120>