DAFTAR PUSTAKA

Anderson, T. L. (2005). *Fracture Mechanics: Fundamentals and Applications* (Third). CRC Press Taylor & Francis Group.

ASM International. (1998). ASM handbook volume 3: Alloy phase diagrams. In *ASM Handbook*.

ASTM E647−13. (2014). Standard Test Method for Measurement of Fatigue Crack Growth Rates. *American Society for Testing and Materials*, 1–50. https://doi.org/10.1520/E0647-13A.2

ASTM E8. (2010). ASTM E8/E8M standard test methods for tension testing of metallic materials 1. *Annual Book of ASTM Standards 4*, *C*, 1–27. https://doi.org/10.1520/E0008

ASTM G102. (2014). *Standard Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements*. *89*(Reapproved 2010), 1–7. https://doi.org/10.1520/G0102-89R15E01.2

Bard, A. J., & Faulkner, L. R. (2001). *Electrochemical Methods: Fundamentals and Applications* (2nd ed.). John Wiley & Sons, Inc.

Callister Jr., W. D. (2007). *An Introduction : Material Science and Engineering*. John Wiley & Son Inc.

Cetkin, E., Çelik, Y. H., & Temiz, S. (2019). Microstructure and mechanical properties of AA7075/AA5182 jointed by FSW. *Journal of Materials Processing Technology*, *268*(September 2018), 107–116. https://doi.org/10.1016/j.jmatprotec.2019.01.005

Devaiah, D., Kishore, K., & Laxminarayana, P. (2017). Effect of Welding Speed on Mechanical Properties of Dissimilar Friction Stir Welded AA5083-H321 and AA6061-T6 Aluminum Alloys. *International Journal of Advanced Engineering Research and Science*, *4*(3), 22–28. https://doi.org/10.22161/ijaers.4.3.4

Febriyanti, E., Priadi, D., & Riastuti, R. (2015). *Majalah metalurgi (2015) 3: 141-148*. *December*, 141–148.

Freeman, R. (2003). Friction Stir Welding (FSW). *TWI Bulletin*.

Gan, W., Kim, C., & Wagoner, R. H. (2008). *Properties of Friction-Stir Welded Aluminum Alloys 6111 and 5083*. *130*(July), 1–15. https://doi.org/10.1115/1.2931143

Gilang, J., Paksi, A., Cristian, I. A., & Indriansyah, R. (2021). Perancangan Struktur Road Bike Frame Menggunakan Alumunium 6063 Melalui Proses Optimalisasi Perlakuan Panas. *JURNAL TEKNIK MESIN – ITI*, *5*(2), 49–58.

Ilman, M. N., Widodo, A., & Triwibowo, N. A. (2022). Metallurgical, mechanical and corrosion characteristics of vibration assisted gas metal arc AA6061-T6 welded joints. *Journal of Advanced Joining Processes*, *6*(July), 100129. https://doi.org/10.1016/j.jajp.2022.100129

Jamasri, & Sulardjaka. (2017). *Pengelasan Paduan Aluminium*. Gadjah Mada University Press.

Jones. (1996). Principles and Prevention of Corrosion Second Edition. *Materials & Design*, *14*(3), 572.

Karkhin, V. A. (2019). Thermal Processes in Welding. In *Welding International*. http://www.tandfonline.com/doi/abs/10.1080/09507110009549302%0Ahttp://link.springer.com/10.1007/978-981-13-5965-1

Kermanidis, A. T., & Tzamtzis, A. (2017). An experimental approach for estimating the effect of heat affected zone (HAZ) microstructural gradient on fatigue crack growth rate in aluminum alloy FSW. *Materials Science and Engineering A*, *691*(January), 110–120. https://doi.org/10.1016/j.msea.2017.03.036

Kim, Y. G., Fujii, H., Tsumura, T., Komazaki, T., & Nakata, K. (2006). Effect of welding parameters on microstructure in the stir zone of FSW joints of aluminum die casting alloy. *Materials Letters*, *60*(29–30), 3830–3837. https://doi.org/10.1016/j.matlet.2006.03.123

López-Acosta, N. P., & Martínez-Hernández, E. (2018). Experimental data on the mechanical properties of individual caobilla wood cubes used on control pile systems. *Data in Brief*, *20*(August), 672–679. https://doi.org/10.1016/j.dib.2018.08.045

Mandal, N. R. (2005). *Aluminum Welding.* (Second). Narosa Publishing House Pvt. Ltd. https://doi.org/10.1201/9780203912591.ch9

Mathers, G. (2002). *The Welding of Aluminum and Its Alloy*. Woodhead Publishing Limited.

Messler, R. W. (2004). *Principles of Welding: Processes, Physics, Chemistry, and Metallurgy*. WILEY-VCH Verlag GmbH & Co. KGaA.

Milčić, M., Burzić, Z., Radisavljević, I., Vuherer, T., Milčić, D., & Grabulov, V. (2018). Experimental investigation of fatigue properties of FSW in AA2024-T351. *Procedia Structural Integrity*, *13*, 1977–1984. https://doi.org/10.1016/j.prostr.2018.12.220

Mishra, R. S., & Ma, Z. Y. (2005). Friction stir welding and processing. *Materials Science and Engineering R: Reports*, *50*(1–2), 1–78. https://doi.org/10.1016/j.mser.2005.07.001

Mutombo, K., & Toit, M. Du. (2011). Corrosion fatigue behaviour of aluminium alloy 6061-T651 welded using fully automatic gas metal arc welding and ER5183 filler alloy. *International Journal of Fatigue*, *33*(12), 1539–1547. https://doi.org/10.1016/j.ijfatigue.2011.06.012

Padmanaban, G., & Balasubramanian, V. (2009). Selection of FSW tool pin profile , shoulder diameter and material for joining AZ31B magnesium alloy – An experimental approach. *Materials and Design*, *30*(7), 2647–2656. https://doi.org/10.1016/j.matdes.2008.10.021

Raghavan, V. (2007). Al-Mg-Si (Aluminum-Magnesium-Silicon). *Journal of Phase Equilibria and Diffusion*, *28*(2), 189–191. https://doi.org/10.1007/s11669-007-9027-8

Satish Kumar, P., & Shiva Chander, M. (2020). Effect of tool pin geometry on FSW dissimilar aluminum alloys - (AA5083 & AA6061). *Materials Today: Proceedings*, *39*, 472–477. https://doi.org/10.1016/j.matpr.2020.08.204

Schijve, J. (2012). Fatigue predictions of welded joints and the effective notch stress concept. *International Journal of Fatigue*, *45*, 31–38. https://doi.org/10.1016/j.ijfatigue.2012.06.016

Selamat, N. F. M., Baghdadi, A. H., Sajuri, Z., & Kokabi, A. H. (2016). Friction stir welding of similar and dissimilar aluminium alloys for automotive applications. *International Journal of Automotive and Mechanical Engineering*, *13*(2), 3401–3412. https://doi.org/10.15282/ijame.13.2.2016.9.0281

Shimpi, R., Sandesh Kumar, C., Katarane, R., & Shukla, A. K. (2022). Investigation on effects of variation of tool pin profile in a Friction stir welding process by Finite Element approach for joining dissimilar materials. *Materials Today: Proceedings*, *xxxx*. https://doi.org/10.1016/j.matpr.2022.05.154

Soboyejo, W. (2003). *Mechanical Properties of Engineered Materials*. Marcel Dekker, Inc.

Trethewey, K. ., & Chamberlain, J. (1991). *Korosi untuk Mahasiswa Sains dan Rekayasa*. Gramedia Pustaka Utama.

Vargel, C. (2004). Corrosion of Aluminium. In *Corrosion of Aluminium*. https://doi.org/10.1016/B978-0-08-044495-6.X5000-9

Venkat Ramana, G., & Sanke, N. (2019). Effect of tool rotational speed and feed rate on similar and dissimilar Friction Stir welded joints of Al 5082 and Al 6061. *Materials Today: Proceedings*, *19*, 870–874. https://doi.org/10.1016/j.matpr.2019.08.228

Venkat Ramana, G., Yelamasetti, B., & Vishnu Vardhan, T. (2021). Effect of FSW process parameters and tool profile on mechanical properties of AA 5082 and AA 6061 welds. *Materials Today: Proceedings*, *46*, 826–830. https://doi.org/10.1016/j.matpr.2020.12.801

Wahid, M. A., Siddiquee, A. N., & Khan, Z. A. (2020). Aluminum alloys in marine construction: characteristics, application, and problems from a fabrication viewpoint. *Marine Systems and Ocean Technology*, *15*(1), 70–80. https://doi.org/10.1007/s40868-019-00069-w

Zens, A., Zaeh, M. F., Marstatt, R., & Haider, F. (2019). Friction stir welding of dissimilar metal joints. *Materialwissenschaft Und Werkstofftechnik*, *50*(8), 949–957. https://doi.org/10.1002/mawe.201900023

Zhao, Z., Liang, H., Zhao, Y., & Yan, K. (2018). Effect of Exchanging Advancing and Retreating Side Materials on Mechanical Properties and Electrochemical Corrosion Resistance of Dissimilar 6013-T4 and 7003 Aluminum Alloys FSW Joints. *Journal of Materials Engineering and Performance*, *27*(4), 1777–1783. https://doi.org/10.1007/s11665-018-3253-6