

## DAFTAR PUSTAKA

- American Society for Testing and Materials, 2001, *Standard Guide for Preparation of Metallographic Specimens*, ASTM, E3-01.
- American Society for Testing and Materials, 2002, *Standard Test Methods for Microindentation Hardness of Material*, ASTM, E384-99.
- American Society for Testing and Materials, 2003, *Standard Test Methods for Tension Testing of Metallic Material*, ASTM, E8M-04.
- Askeland, Donald R., Phulé, Pradeep P., 2002, *The Science and Engineering of Materials*, Thomson-Engineering, U.S.A. to United Kingdom.
- ASM Handbook Vol 9, 2004, *Metallography And Microstructure*, ASM International.
- Babu, K.T., Kumar, P. K., Muthukumaran S., 2014, *Mechanical, Metallurgical Characteristics and Corrosion Properties of Friction Stir Welded AA6061-T6 Using Commercial Pure Aluminium as a Filler Plate*.
- Demir, Halil dan Gunduz, Suleyman, 2008, *The effects of aging on machinability of 6061 aluminium alloy*, *Materials and Design* Vol. xxx hal. xxx–xxx.

- Dirhamsyah, M.R., 2011, *Pengaruh Perubahan Parameter Permesinan Terhadap Sifat Mekanik Material AC4CH Pada Proses Friction Stir Welding (FSW)*, Tugas Akhir S-1, Teknik Mesin Universitas Indonesia, Depok.
- Esmaeili, A., Givi, M.K. Besharati., Rajani, H.R. Zareie., 2011, *A Metallurgical and Mechanical Study on Dissimilar Friction Stir welding of Aluminum 1050 to Brass (CuZn30)*.
- Grujicic, M., Yavari, R., Ramaswami, S., Snipes, J. S., and Galgalikar, R., 2015, *Computational Analysis of Inter-Material Mixing and Weld-Flaw Formation during Dissimilar-Filler-Metal Friction Stir Welding (FSW)*, *Multidiscipline Modeling in Materials and Structures*, vol. 11, no. 3, pp. 322-349, 2015.
- Irawan, Yudy Surya., 2008, *Material Teknik*.
- Kuang, B., Shen, Y., Chen, W., Yao, X., Xu, H., Gao, J., Zhang, J., 2014, *The Dissimilar Friction Stir Lap Welding of 1A99 Al to Pure Cu Using Zn as Filler Metal with "Pinless" Tool Configuration*.
- Kusuma, T.M., Tjitro, S., 2008, *Karakterisasi dan Peningkatan Kekerasan Material Cetakan Blow Molding*, Peper.
- Mandal, N.R., 2005, *Aluminium Welding*, 2nd., Narosa Publishing House Pvt, Ltd, New Delhi, India.
- Mishra, R.S., Kumar, N., dan De, P.S., 2014, *Friction stir welding and Processing: Science and Engineering*, Springer International, Swiss.

Okumura T. & Wiryosumarto H., 1996, *Teknologi Pengelasan Logam*, Pradnya Pramita, Jakarta.

Polmear, I. J., 1995, *Light Alloys*, Arnold.

Rahayu, Deden., 2012, *Analisis Proses Friction Stir welding (FSW) Pada Plat Tipis Aluminium*, Tugas Akhir S-1, Teknik Mesin Universitas Indonesia, Depok.

Rowe, C. E. D; Thomas, Wayne, 2006, *Advances in Tooling Materials for Friction Stir Welding*, TWI & Cedar Metal, Cambridge.

Schulz, Kurt C, (2000), *An Experimental and Analytical Study of the Properties of Precipitation Hardening Aluminum Alloys*, Of the School of Engineering Faculty at The University of the Pasific.

Sidhu, M. S., Chatha, S. S., 2012, *Friction Stir Welding – Process and its Variables*, Department of Mechanical Engineering, Yadavindra College of Engineering, Punjabi University Campus, Talwandi Sabo, Bathinda, Punjab-151302, India.

Sugito, B., Anggono, A. D., Prasetyana, D., 2016, *Pengaruh Kedalaman Pin (Depth Plunge) Terhadap Kekuatan Sambungan Las pada Pengelasan Gesek AL 5083*.

Surdia, T., Saito, S., 2005, *Pengetahuan Bahan Teknik*, PT. Pradya Paramita, Jakarta.

Triyoko, D., 2016, *Analisa Sifat Mekanik dan Struktur Mikro pada Sambungan Las Beda Properties Aluminium dengan Metode Friction Stir Welding*. Tugas Akhir S-1, Teknik Mesin Universitas Muhammadiyah, Surakarta.

Wijayanto, Jarot; Anelis, Agdha; 2010, *Pengaruh Feed Rate terhadap Sifat Mekanik pada Pengelasan Friction Stir Welding Alumunium 6110*, Jurnal Kompetensi Teknik Vol. 2, No.1, Novemberi 2010.

Wijayanto, J., 2012, *Pengaruh Feed Rate Terhadap Sifat Mekanik Pada Friction Stir Welding Aluminium*, Jurnal Prosiding Seminar Nasional Aplikasi Sains dan Teknologi (SNAST) Periode III, Yogyakarta.

William F. Smith, (1990), *Principles of Material Science and Enginering*, Second Edition, Mc Graw-Hill Publishing Company, New York, hal 285,508-585).

Winarto, 2008, *Rangkuman Diskusi Aluminium Properties Post Welding*. Diakses 10 Mei 206 dari migas-indonesia. <http://migas-indonesia.com/2008/08/14/rangkuman-diskusialuminium-properties-post-welding>.

Zainuri, A. M., 2008, *Kekuatan Bahan*, ANDI, Yogyakarta.

Zheng, Q., Feng, X., Shen, Y., Huang, G., Zhao, P., 2016, *Dissimilar Friction Stir Welding of 6061 Al to 316 Stainless Steel Using Zn as a Filler Metal*.