

DAFTAR PUSTAKA

- [1] P. S. Lobo, J. Almeida, and L. Guerreiro, "Shape Memory Alloys Behaviour: A Review," *Procedia Eng.*, vol. 114, pp. 776–783, 2015, doi: 10.1016/j.proeng.2015.08.025.
- [2] J. Mohd Jani, M. Leary, A. Subic, and M. A. Gibson, "A review of shape memory alloy research, applications and opportunities," *Mater. Des.*, vol. 56, pp. 1078–1113, 2014, doi: 10.1016/j.matdes.2013.11.084.
- [3] H. Wen, T. D. Topping, D. Isheim, D. N. Seidman, and E. J. Lavernia, "Strengthening mechanisms in a high-strength bulk nanostructured Cu-Zn-Al alloy processed via cryomilling and spark plasma sintering," *Acta Mater.*, vol. 61, no. 8, pp. 2769–2782, 2013, doi: 10.1016/j.actamat.2012.09.036.
- [4] R. Dasgupta, "A look into Cu-based shape memory alloys: Present scenario and future prospects," *J. Mater. Res.*, vol. 29, no. 16, pp. 1681–1698, 2014, doi: 10.1557/jmr.2014.189.
- [5] G. Saha, M. Ghosh, A. Antony, and K. Biswas, "Ageing Behaviour of Sc-Doped Cu–Zn–Al Shape Memory Alloys," *Arab. J. Sci. Eng.*, vol. 44, no. 2, pp. 1569–1581, 2019, doi: 10.1007/s13369-018-3621-4.
- [6] P. K. Sekhar and V. Uwizeye, "Review of sensor and actuator mechanisms for bioMEMS," in *MEMS for Biomedical Applications*, Elsevier, 2012, pp. 46–77. doi: 10.1533/9780857096272.1.46.
- [7] "Shape Memory Alloys: Part One: Total Materia Article," 2008. <https://www.totalmateria.com/page.aspx?ID=CheckArticle&site=ktn&NM=207> (accessed Jan. 02, 2023).
- [8] Barnes; Clive, "Innovations: Shape Memory and Superelastic Alloys," *July*, 1999. <https://www.copper.org/publications/newsletters/innovations/1999/07/shape.html> (accessed Jan. 20, 2023).
- [9] S. Banerjee and K. Madangopal, "Shape memory effect," *Met. Mater. Process.*, vol. 8, no. 2, pp. 123–138, 1996.

- [10] D. Kopeliovich, "Die pressing of metallic powders [SubsTech]," *SubsTech (Substances & Technoogy)*, 2012. http://www.substech.com/dokuwiki/doku.php?id=die_pressing_of_metallic_powers
- [11] F. V. Lenel, *Powder metallurgy: principles and applications*. Princeton, New Jersey, 1980.
- [12] I. Kamenichny, *A Short Handbook Of Heat Treatment*. Peace Publishers Moscow, 1969.
- [13] George E. Totten, *ASM Handbook Volume 4E: Heat Treating of Nonferrous Alloys*. ASM International, 2016.
- [14] A. Schonmetz, K. Gruber, and T. Eddy D. (Eddy Djuhdy) Hardjapamekas, *Pengetahuan bahan dalam pengerjaan logam : pengerjaan benda-benda setengah jadi, pengertian dasar kimia, pengertian dasar fisika, unsur-unsur mesin/Alois Schonmetz, Karl Gruber*. Bandung: Angkasa, 1985.
- [15] S. Saito, *Pengetahuan Bahan Teknik*. Jakarta: Pradnya Paramita, 1999.
- [16] J. William D. Callister and David G. Rethwisch, *Materials Science and Engineering*, 10th ed. Wiley, 2017.
- [17] J. Epp, *X-Ray Diffraction (XRD) Techniques for Materials Characterization*. Elsevier Ltd, 2016. doi: 10.1016/B978-0-08-100040-3.00004-3.
- [18] ASTM E2860, "Standard Test Method for Residual Stress Measurement by X-Ray Diffraction," *ASTM International*, 2017. <https://www.astm.org/e2860-20.html> (accessed Jan. 29, 2023).
- [19] R. Hill, B. Storakers, and A. B. Zdunek, "A theoretical study of the Brinell hardness test," *Proc. R. Soc. London. A. Math. Phys. Sci.*, vol. 423, no. 1865, pp. 301–330, 1989, doi: 10.1098/rspa.1989.0056.
- [20] B. Sunendar, C. Sungkono, P. Dan, K. Paduan, and I. Bentuk, "PADUAN INGAT BENTUK Cu-Al-Ni," vol. 7, no. 3, pp. 98–102, 2006.
- [21] J. Gui, C. Luo, W. Hu, and R. Wang, "The effect of thermal treatment on the

structure and fine structure of Cu - Zn - Al martensite,” vol. 25, pp. 1675–1681, 1990.

- [22] L. R. Mavindra Ramadhani, Rochman Rochiem, “PENGARUH HOLDING TIME PROSES SOLUTION TREATMENT DAN VARIASI MEDIA PENDINGIN PADA CU-ZN-AL SHAPE MEMORY ALLOYS TERHADAP EFEK SHAPE MEMORY DAN STRUKTUR MIKRO,” no. Jurnal Teknik ITS, 2020, doi: 10.12962/j23373539.v9i1.52139.
- [23] N. Kayali, S. Özgen, and O. Adigüzel, “The influence of ageing on martensite morphology in shape memory CuZnAl alloys,” *J. Phys. IV JP*, vol. 7, no. 5, 1997, doi: 10.1051/jp4:1997550.

