

DAFTAR PUSTAKA

- ASM International, 1995, ASM Metal Handbook Vol 16 – Machining 9th edition, *ASM International Inc.*
- Bhaduri, AQ 2018, Mechanical Properties and Working of Metals and Alloys, *Springer Series in Materials Science.*
- Brinksmeier, E., Preuss, W., 2012, Micro-machining, *Royal Society.*
- Boljanovic, Vukota, 2004, Sheet Metal Forming Processes And Die Design.
- DIN 8584-3, 2003. Manufacturing processes forming under combination of tensile and compressive conditions-Part 3: Deep drawing; classification, subdivision, terms and definitions.
- Colgan, M., Monaghan, J., 2003, Deep drawing process: analysis and experiment, *Journal of Materials Processing Technology* 132 (2003) 35–41.
- Dwivedia, Rashmi., Agnihotri, Geeta., 2017, Study of Deep Drawing Process Parameters, *Elsevier.*
- Fu, M. W., Chan. W. L., 2013 A review on the state-of-the-art microforming technologies, *Int J Adv Manuf Technol* 67:2411–2437.
- Gau, JT., Chen, CH., Yang, ZY., 2009, Studying The Micro Deep Drawing Process Through Drawing Brass Micro Cups.
- Gau, JT., Teegala, S., Huang, KM., Hsiao, TJ., Lin, BT., Using micro deep drawing with ironing stages to form stainless steel 304 micro cups.
- Gharib, H., Wifi, A.S., Younan, M., Nassef, A. 2006, Optimization of the blank holder force in cup drawing.
- Gong, F., Chen, Q., Yang, Z., Shu, D., Zhang, S., 2010, Micro deep drawing of C1100 conical-cylindrical cups.
- Gotoh, M., Yamashita, M., 2000, A study of high-rate Shearing of commercially pure aluminum sheet, *Elsevier Journal of Materials Processing Technology*
- Groover, M.P., 2010, Fundamentals of Modern Manufacturing: materials, processes, and systems, edisi ke-4, *John Wiley & Sons, Inc., United States.*
- Grunbaum, M., 1996, Influence of high cutting speeds on the quality of blanked parts, *Net Shape Manufacturing, Ohio.*

- Hadi,S, 2014, Micro deep drawing of Aluminium foils AA1235.
- Halil,ID., Esner,C., Yasar,M., vol. 206, pp. 152-160, 2008. Effect of the blank holder force on drawing of aluminum alloy square cup: Theoretical and experimental investigation, *Journal of Materials Processing Technology*.
- Hibbeler, R. C., 2011, Mechanics of Materials Eight Edition , *Pearson Prentice Hall, United States of America*.
- [Http://www.engineering-mechanical.blogspot.com/2007/03/tensile-test.html](http://www.engineering-mechanical.blogspot.com/2007/03/tensile-test.html), 20 Mei 2019.
- [Http://www.mubion.com/en/#our-projects](http://www.mubion.com/en/#our-projects), 20 Mei 2019
- Irthia, Ihsan Khalaf (2014) Process analysis and design in micro deep drawing utilizing a flexible die. *PhD thesis*.
- Jain, V.K., 2013, Micromanufacturing Processes, *International Standard Book Number 13: 978-1-4398-5291-0, Jakarta*.
- Mistri, J.N, Kothari, K.D., 2014, Gaurav Kumar Sharma, Experimental and Simulation study of deep drawing process-a review, *International Journal of Advance Engineering and Research Development (IJAERD) Volume 1, Issue 6*.
- Kalpakjian, S., Schmidt, S.R., 2009, Manufacturing Engineering and Technology, edisi ke-6, *Prentice Hall*.
- Kibe, Y., Okada, Y., Mitsui, K., 2007, Machining accuracy for Shearing process of thin-sheet Metals-Development of initial tool position adjustment sistem , *Elsevier International Journal of Machine Tools & Manufacture*.
- Levy, B.S., Tyne, C.J.V., 2011, Review of the Shearing Process for Sheet Steels and Its Effect on Sheared-Edge Stretching, *ASM International*.
- Luo.L, Jiang.Z, Wei.D, . Manabe. K.I, Sato.H, He.X, Li.P., 2015, An experimental and numerical study of micro deep drawing of SUS304 circular cups.
- Marciniak, Z. J.L. Duncan and S.J. Hu, 2002, Mechanics of Sheet Metal Forming, *Second Edition ed.: Butterworth-Heinemann*.
- Massalski, T.B, Binary Alloy Phase Diagram Vol1, *American Society for Metal*.
- Mogielnicki, Krzysztof, Numerical Simulation in Microforming for Very Small Metal Elements, *Bialystok University of Technology*.

- Niebel, W. Benjamin., 1989, *Modern Manufacturing Process Engineering, McGraw-Hill, Inc. Singapore.*
- Pranoto, S.H., Mahardika, M., 2017, *Desain Dan Manufaktur Micro Punch CNC Machine dan Analisis Kualitas Permukaan Sisi Potong Hasil Punching Dengan Sistem Pneumatik Pada Material Pure Titanium Sheet, Thesis, Universitas Gadjah Mada, Yogyakarta.*
- Pratama, J., Mahardika, M., 2017, *Studi Eksperimental Proses Punching Pada Bentuk Kompleks Dengan Material Pure Titanium Menggunakan Mesin Micro Punch CNC, Thesis, Universitas Gadjah Mada, Yogyakarta.*
- Qin, Y A. B. (2010). *Overview of manufacturing. In Micromanufacturing Engineering and Technology. Elsevier.*
- Razali, Akhtar Razul and Qin, Yi, 2013, *A review on micro-manufacturing, microforming and their key issues, Procedia Engineering 53 (2013).*
- Ristiawan, I., 2016, *Studi Eksperimental Pengaruh Parameter Blanking Terhadap Kualitas Sheared Edge Pada Pelat Titanium, Brass, dan Copper Dengan Menggunakan Mesin Micro Punch CNC, Thesis, Universitas Gadjah Mada, Yogyakarta.*
- Saotome.Y, Yasuda.K, Kaga.H., 2001, *Microdeep drawability of very thin sheet steels, Journal of Materials Processing Technology 113 641-647.*
- Saran, M.J., Schedin, E., Samuelsson, A., Melander, A., Gustafsson, C., vol. 112, pp. 272-277, 1990 *Numerical and experimental investigations of deep drawing of metal sheets, Journal of Engineering for Industry, Transactions of the ASME.*
- Seo, 2005, *Edge condition, diagram courtesy of ASM International, understanding blanked edge characteristics improves stamping.*
- Schey, J.A., *Introduction to Manufacturing Processes, 2000. Third Edition ed.: McGraw-Hill.*
- Sridhar .R., Inbarasan.S., Ramkumar.R., Shankar.S. *Review on micro deep drawing process for thin foil materials, International Journal of Innovations in Engineering and Technology (IJIET).*

- T, Masuzawa, State of the Art of Micromachining, *Institute of Industrial Science, University of Tokyo, Tokyo, Japan.*
- Vollertsen, F., Hu, Z., Niehoff, H., Schulze, H., Theiler, C., vol. 151, pp. 70-79, 2004, State of the art in micro forming and investigations into micro deep drawing, *Journal of Materials Processing Technology.*
- Vollertsen, F., Hu, Z., vol. 4, pp. 553-559, 2010/12/01 2010, Analysis of punch velocity dependent process window in micro deep drawing, *Production Engineering.*
- Wifi, A.S., Gharib, H., Younan, M., Nassef, A. vol. 18, p. 4, 2006., Optimization of the blank holder force in cup drawing, *Journal of Achievements in Materials and Manufacturing Engineering.*
- Wifi, A., Mosallam, A., vol. 24, pp. 315-323, 2007. Some aspects of blank-holder force schemes in deep drawing process, *Journal of Achievements in Materials and Manufacturing Engineering.*
- Wilson, J., 2005, Sensor Technology Handbook, *Elsevier Inc.*
- Xu, J., Guo, B., Wang, C., Shan, D., 2012, drawing clearance and grain size effects on micro deformation behavior and fracture in micro-blanking of brass foil, *Elsevier, International Journal of Machine Tools & Manufacture.*
- Yoshihara, S., Manabe, K I., dan Nishimura, H., vol. 170, pp. 579-585, 2005. Effect of blank holder force control in deep-drawing process of magnesium alloy shee, *Journal of Materials Processing Technology.*
- Zhang, Z., Chen, N., Furushima, T., Li, B., 2018, Deformation behavior of metal foil in micro pneumatic deep deep drawing process.