

DAFTAR PUSTAKA

- Amanov, A., Choi, J., Pyun, Y. (2021). *Effects of Pre- and Post-Carburizing Surface Modification on the Tribological and Adhesion Properties of Heat-Resistant KHR 45A Steel for Cracking Tubes*. Sun Moon University: Department of Mechanical Engineering
- Amstead, B. H., Ostwald, P. F., & Begeman, M. L. (1997). *Manufacturing Processes and Systems (9th ed.)*. Erlangga.
- Arabaci, Ugur. (2023). *The effects of oil-quenching and over-tempering heat treatments on the dry sliding wear behaviours of 25CrMo4 steel*. Gazi University: Department of Metallurgical and Materials Engineering.
- ASM handbook vol 4. (1991). *Heat Treating*. ASM International; USA. 721-748
- Callister, W. D. (2018). *Materials Science and Engineering - An Introduction (10th ed.)*. John Wiley & Sons, Ltd.
- Gunawan, Sigit. Harton, Sigit Budi. *Analisis Pengaruh Media Pack Carburizing Terhadap Keausan dan Kekerasan Sprocket Sepeda Motor*. STTNas Yogyakarta: Jurusan Teknik Mesin
- Guo, J., Deng, X., Wang, H., Zhou, L., Xu, Y., & Ju, D. (2021). *Modeling And Simulation Of Vacuum Low-Pressure Carburizing Process In Gear Steel Coatings*, 11(8). <https://doi.org/10.3390/coatings11081003>
- Herbirowo, S., Puspasari, V., Primatama, M., Hendrik, Adjiantoro, G., Pramono, A. (2020). *Pengaruh Perlakuan Panas Karburisasi Austemper pada Baja Laterit Paduan Cr-Mo Terhadap Sifat Mekanik dan Mikrostruktur*. Tanggerang Selatan: Pusat Penelitian Material dan Metalurgi, Lembaga Ilmu Pengetahuan Indonesia
- Herring, D. H. (2012). *A Case for Acetylene Based Low-Pressure Carburizing of Gears*. Thermal Processing, 3, 40–45.

- Ilham, A., Adzima, M., Heryanto,O., Ferdinand, F., Azmy, I. (2023). *Pengaruh Variasi Proses Perlakuan Panas Terhadap Mikrostruktur dan Sifat Mekanik Baja AISI 1018*. Politeknik Negeri Bandung
- Jung, M., & Son, Y. (2019). *Calculation of Jominy Hardenability Curve of Low Alloy Steels from TTT / CCT data*.
- K. P. Shah. (2012). The Hand Book on Mechanical Maintenance
- Kumar, Sachin., Abhishek Jain, Pramod Singh. (2012). Analysis of *Abrasive Wear Characterization and its Correlation with Structure for Low and Medium Carbon Steels*. International Journal of Emerging Technology and Advanced Engineering: Volume 2 December 2012
- Maulana, I. T., E. Surojo, N. Muhayat, and W. W. Raharjo. (2018). Frictional Characteristics of Friction Brake Material Using Cantala Fibers as Reinforcement. Tribology online (Japanese Society of Tribology): vol. 13, no. 4, pp. 188–194.
- Mochtar, Myrana A., Putra, W.N., Abraham, Martin. (2023). *Effect of tempering temperature and subzero treatment on microstructures, retained austenite, and hardness of AISI D2 tool steel*. Universitas Indonesia: Department of Metallurgy and Materials Engineering
- Pashangeh, Shima. Hamid Reza Karimi Zarchi, Seyyed Sadegh Ghasemi Banadkouki & Mahesh C. Somani. (2019). *Detection and Estimation of Retained Austenite in a High Strength Si-Bearing Bainite-Martensite-Retained Austenite Micro-Composite Steel after Quenching and Bainitic Holding (Q&B)*. Yazd University: Department of Mining and Metallurgical Engineering, Mining Technologies Research Center.
- Riyanto, R. (2015). *Analisa Perbandingan Material JIS SCM 415 Dan JIS SCM 420 Pada Proses Heat treatment*. Jurnal Teknik Mesin, 4(1), 31. <https://doi.org/10.22441/jtm.v4i1.1021>
- Roy, S., Sundararajan, S. (2016). *The effect of heat treatment routes on the retained austenite and Tribomechanical properties of carburized AISI 8620 steel*. Iowa State University: Department of Mechanical Engineering.

- Schonmetz, A., & Gruber, K. (1985). *Pengetahuan Bahan Dalam Pengerajan Logam. Angkasa.*
- Sekar, S.P., (2024). Pengaruh Variasi Media Quenching pada Proses Pack Carburizing Terhadap Nilai Kekerasan, Ketahanan Aus, dan Stuktur Mikro Baja S45C. UPN Veteran Yogyakarta: Program Studi Teknik Metalurgi.
- Smallman, R. E. R.J. Bishop (2000). *Modern Physical Metallurgy and Materials Engineering* (6th ed.).
- SteelGr. (2012). <https://www.steelgr.com/Steel-Grades/Karbon-Steel/scm415.html>
- Supriyanto, Y. (2018). *Analisis Sifat Kekerasan dan Mikrostruktur Baja AISI 4140 Hasil Karburasi Plasma dengan Variasi Tekanan.* Universitas Muhammadiyah Surakarta
- Thelning, Karl Erik. (1984). Steel and Its Heat Treatment, 2nd ed. Butterworths, London
- Totten, G. E. (2006). Dieter, *Steel Heat treatment.* 1–12.
- Wang, A. (2017). *Life Extension of High-Temperature Structural Alloys by Surface Engineering in Gas and Vacuum Carburizing Atmospheres.* Worcester Polytechnic Institute
- Zhao, Y. jun, Ren, X. ping, Hu, Z. Liu, Xiong, Z. ping, Zeng, J. min, & Hou, B. Yu. (2018). *Effect of Tempering on Microstructure and Mechanical Properties of 3Mn-Si-Ni Martensitic Steel.* Materials Science and Engineering: A, 711, 397– 404. <https://doi.org/10.1016/j.msea.2017.11.037>