

DAFTAR PUSTAKA

- Afiatur R R, Pio R T N, & Kristina S. (2022). *Analisis Displacement Dan Partisipasi Massa Struktur Jembata Terhadap Beban Gempa. Vol.1.* [Http://Bajangjournal.Com/Index.Php/Jci](http://Bajangjournal.Com/Index.Php/Jci)
- Al, I. I., & Kadir. (2017). *Dinamika Jurnal Ilmiah Teknik Mesin Simulasi Tegangan Von Mises Dan Analisa Safety Factor Gantry Crane Kapasitas 3 Ton. 8(2).*
- Anky F W, Mas I P H, & Rochman R. (2019). *Analisa Faktor Intensitas Tegangan Dan Usia Siklus Pada Simulasi Perambatan Retak Komponen Poros Menggunakan Metode Smart Crack Growth. 08.*
- Ansari, I. A., & Datta, A. K. (2003). An Overview Of Sterilization Methods For Packaging Materials Used In Aseptic Packaging Systems. *Food And Bioproducts Processing, 81(1)*, 57–65. <https://doi.org/10.1205/096030803765208670>
- Arreola, J., Keusgen, M., Wagner, T., & Schöning, M. J. (2019). Combined Calorimetric Gas- And Spore-Based Biosensor Array For Online Monitoring And Sterility Assurance Of Gaseous Hydrogen Peroxide In Aseptic Filling Machines. *Biosensors And Bioelectronics, 143*. <https://doi.org/10.1016/j.bios.2019.111628>
- Asm Handbook. (1993). *Asm Handbook Vol 1.*
- Awali, J., & Asroni, T. (2013). *Analisa Kegagalan Poros Dengan Pendekatan Metode Elemen Hingga (Vol. 2, Issue 2).*
- Basri, H. H. (2024). *Penerapan Teknik Analisis Elemen Hingga (Fea) Dalam Rekayasa Mesin.*
- Dobrovolski, V., Zablonski, K., Mak, S., Radtckik, A., & Erlikh, L. (1974). *Elements De Machines (Mir Moscou (2023), Trans.).*
- Eka S, F., Agus R, M., & Darjat. (2016). *Perancangan Pengukur Kekuatan Genggaman Tangan Dengan Load Cell Berbasis Arduino Uno.*
- Gawande, S. H., & Bhojane, S. A. (2019). Numerical And Experimental Design Optimization Of Toggle Clamping Mechanism. *Iranian Journal Of Science And Technology - Transactions Of Mechanical Engineering, 43(4)*, 763–779. <https://doi.org/10.1007/S40997-018-0237-Y>
- Gea Group Aktiengesellschaft. (2013). *Regulating Valves. Gea.*
- Halim, R., Andika, W, P., & Wahyu, B, F. (2016). *Pengaruh Perlakuan Panas Terhadap Sifat Mekanis Dan Struktur Mikro Pada Baja Aisi 4340. Vol 4.*
- Halimi, A., Arif, S, W., Setiawan, D., & Ahsin, F, M. (2024). *Distribusi Ferrite Dan Sifat Ketangguhan Pada Pengaruh Media Quenching (Vol. 6, Issue 1).* <https://permadi.nusaputra.ac.id/index>

- Ismartaya, K., Wijaya, T. G., Purnomo, R., & Karyadi, G. B. (2024). Design And Manufacture Of Automatic Collet Clamping Systems For Sprocket-Cam Handling On Cnc Lathes. *Sintek Jurnal: Jurnal Ilmiah Teknik Mesin*, 18(2), 99–112. <https://doi.org/10.24853/sintek.18.2.99-112>
- Prayogo, J. (2015). *Pemodelan Konstruksi Portal Rangka Baja Berbasis Finite Element Method (Fem)*.
- Jaenal, A., Helmy, P., & Imam, S. (2017). *Engaruh Jenis Elektroda Terhadap Sifat Mekanik Hasil Pengelasan Smaw Baja Astm A36*.
- Jones, G. T., Solomon, C., Moaveni, A., Van Rij, A. M., Thomson, I. A., & Galvin, I. (1999). Venous Morphology Predicts Class Of Chronic Venous Insufficiency. In *Eur J Vasc Endovasc Surg* (Vol. 18).
- Kolundzija, B. M, Mrdakovic. B. Lj, Kostic. M. M, & Sumic. D.S. (2009). *Efficient Em Modeling Based On Conversion Of Triangular Mesh Into Quadrilateral Mesh*. I E E E.
- Maulana, N., Hermansyah, H., Teknik Mesin, J., Negeri Balikpapan, P., Sukarno Hatta Km, J., & Timur, K. (2021). Menggunakan Software Solidwork. *Jurnal Teknik Mesin*, 10(1), 38.
- Muhammad Ae Haziemill Akbar. (2024). *Studi Pengaruh Variasi Arus E420-13 Lokal Dan E6013 Impor Terhadap Sifat Mekanik Dan Struktur Mikro Pada Plat Astm A36 Dengan Metode Pengelasan Smaw*.
- Munir, M. M., & Winarso, R. (2019). Perancangan Dan Simulasi Punch Mesin Pres Batako. In *Jurnal Crankshaft* (Vol. 2, Issue 1). Online.
- Mustika D, N., Asep Y Y, & Rosidi. (2022). Konsep Desain Welding Fixture K Horizontal Bracing. In *Prosiding Seminar Nasional Teknik Mesin Politeknik Negeri Jakarta*. <http://prosiding.pnj.ac.id>
- Othman, M. A. K., Pan, X., Atmatzakis, G., Christodoulou, C. G., & Capolino, F. (2017). Experimental Demonstration Of Degenerate Band Edge In Metallic Periodically Loaded Circular Waveguide. *Ieee Transactions On Microwave Theory And Techniques*, 65(11), 4037–4045. <https://doi.org/10.1109/Tmtt.2017.2706271>
- Datseris, P., & Palm, W. (1985). Asme Mechanical Engineering Design. *Mechanical Engineering And Applied Mechanics Department, University Of Rhode Island, Kingston, RI 02881, Vol. 107*. <http://mechanicaldesign.asmedigitalcollection.asme.org>
- Park, S., Bae, J., Jeon, Y., Chu, K., Bak, J., Seo, T. W., & Kim, J. (2018). Optimal Design Of Toggle-Linkage Mechanism For Clamping Applications. *Mechanism And Machine Theory*, 120, 203–212. <https://doi.org/10.1016/j.mechmachtheory.2017.08.013>

- Pilargenta, H., Maharani, C. P., Daru Fathur, M. R., Ausin Al Qoroni, M., Ndaru Adyono, Dan, & Timur, J. (2024). *Analisa Faktor Keamanan Pada Desain Alat Die Cut Menggunakan Simulasi Finite Element Analysis*.
- Prasetyo, E., Hermawan, R., Ridho, M. N. I., Hajar, I. I., Hariri, H., & Pane, E. A. (2020). Analisis Kekuatan Rangka Pada Mesin Transverse Ducting Flange (Tdf) Menggunakan Software Solidworks. *Rekayasa*, 13(3), 299–306. <https://doi.org/10.21107/Rekayasa.V13i3.8872>
- Purbaningrum, S. P., Kurnia, I., Lianny, M., Solih, E. S., Arohman, A. W., & Satiman, B. (2023). Clamping Dies Design To Minimize Automotive Components Setup Time. *Jurnal Media Mesin*, 25(2).
- Purnama, R., Yuhas, D., Maladzi, R., Studi Teknologi Rekayasa Manufaktur, P., Teknik Mesin, J., Negeri Jakarta, P., A Siwabessy, J. G., & Studi Teknik Mesin, P. (2024). *Perancangan Alat Bantu Pelepas Dan Pemasangan 3 Phase Electrical Plug Ip44 And Connector Ip67 Dengan Metode Quality Function Deployment*. <http://prosiding.pnj.ac.id>
- Qistina, Nasrul, Muhammad, Jalaluddin, & Azhari. (2021). Simulasi Pengaruh Buka-an Valve Terhadap Pressure Drop Dan Kavitasi Pada Control Valve Tipe Ball Valve Dengan Menggunakan Software Autodesk Cfd (Computational Dynamics Fluid). In *Chemical Engineering Journal Storage* (Vol. 1, Issue 2).
- Rahmi, M., Suwandi, D., & Badruzzaman, B. (2019). Analisis Safety Factor Roda Gigi Payung Untuk Alat Pengerik Garam. *Simetris: Jurnal Teknik Mesin, Elektro Dan Ilmu Komputer*, 10(1), 99–106. <https://doi.org/10.24176/Simet.V10i1.2796>
- Rajeshshyam, R., Krishnaraj, V., & Thillairajan, K. (2020). An Experimental Investigation On Machinability Factors Of En Alloy Steels - A Comparative Study. *Materials Today: Proceedings*, 39, 1767–1774. <https://doi.org/10.1016/j.matpr.2020.06.519>
- Reason, J. (2000). Education And Debate Human Error: Models And Management. In *Bmj* (Vol. 320). www.bmj.com
- Restu, F., Hakim, R., & Saiful Anwar, F. (2017). Analisa Kekuatan Material Astm A36 Pada Konstruksi Ragum Terhadap Variasi Gaya Cekam Dengan Menggunakan Software Solidworks 2013. In *Jurnal Integrasi Article History* (Vol. 9, Issue 2).
- Robertson, G. L. (N.D.). *Ultra-High Temperature Treatment (Uht): Aseptic Packaging*.
- Sahala, D., Panggabean, P., Fauzan Zakki, A., & Arswendo, B. (2015). Perbandingan Penggunaan Material Isotropi Dan Orthotropi Pada Metode Elemen Hingga Untuk Analisa Kekuatan Kapal Fiberglass. In *Jurnal Teknik Perkapalan* (Vol. 3, Issue 2).
- Savaliya, M. G. (2016). *Toggle Clamp Linkages Design In Plastic Injection Moulding Machine*.

- Silva, K. H. S., Brito, P. P., Santos, I. B., Câmara, M. A., & Abrão, A. M. (2020). The Behaviour Of Aisi 4340 Steel Coatings On Low Carbon Steel Substrate Produced By Friction Surfacing. *Surface And Coatings Technology*, 399. <https://doi.org/10.1016/j.surfcoat.2020.126170>
- Stevanus B, Yohanes P, Agung Purwoko, & Andreas Edi Widyartono. (2023). *Technologic, Volume 12, Nomor 1. Rancang Bangun Alat Bantu Pemasangan Spring Piston Brake No 1 Pada Automatic Transaxle Dengan Metode Perancangan French*. [www.Polytechnic.Astra.Ac.Id](http://www.polytechnic.astra.ac.id)
- Tomita, Y. (1988). *Effect Of Microstructure On Plane-Strain Fracture Toughness Of Aisi 4340 Steel*.
- Verran-Whitehead-2005-Factors-Affecting-Microbial-Adhesion-To-Stainless-Steel-And-Other-Materials-Used-In-Medical*. (N.D.).
- Weriono. (2021). Analisis Kekuatan Material Karet 79 – 81 D Akibat Pengaruh Kelenturan. *Sainstek (E-Journal)*, Vol. 9 No. 1. <https://doi.org/10.21009/jkem.10.1.5>
- Wiradinata, T. A., Daryus, A., Sugiyanto, D., Nopryandi, & Ikhsan, M. (2025). Analysis Of Corrosion Rate In Low-Carbon Steel Astm A36 And Aisi 1020 In Sulfuric Acid Solution Using Heat Treatment Temperature And Immersion Time Variations. *Jurnal Konversi Energi Dan Manufaktur*, 44–52. <https://doi.org/10.21009/jkem.10.1.5>