

## REFERENCES

- [1] Parvizi J. High Yield Orthopaedics. Philadelphia (PA): Saunders Elsevier; 2010. Chapter 82, External Fixation; p. 171.
- [2] Gogheri M S, Kasiri-Asgarani M, Bakhsheshi-Rad H R, Ghayour H, Rafiei M. Mechanical properties, corrosion behavior and biocompatibility of orthopedic pure titanium-magnesium alloy screw prepared by friction welding. *Trans Nonferrous Met Soc China*. 2020 Nov;30(11):2952-66.
- [3] Kesemenli C C, Necmioglu S, Kayikci C. Treatment of refracture occurring after external fixation in paediatric femoral fractures. *Acta Orthop Belg*. 2005 Jan;70(6):540-4.
- [4] Zheng Y F, Gu X N, Witte F. Biodegradable metals. *Mater Sci Eng R: Rep*. 2014 Mar;77(1):1-34.
- [5] Nasution A K, Ulum M F, Kadir M R A, Hermawan H. Mechanical and corrosion properties of partially biodegradable bone screws made of pure iron and stainless steel 316L by friction welding. *Sci China Mater*. 2018 Jul;61(4):593-606.
- [6] Nasution A K, Murni N S, Sing N B, Idris M H, Hermawan H. Partially degradable friction-welded pure iron-stainless steel 316L bone pin. *J Biomed Mater Res B Appl Biomater*. 2015 Jan;103(1):31-8.
- [7] Nasution A K, Hermawan H. Degradable Biomaterials for Temporary Medical Implants. Switzerland: Springer; 2016. p. 127-60.
- [8] European Commission, Directorate-General for Research and Innovation, Larsson T, Vallés J, Martínez J M. Biomaterials for healthcare a decade of EU-funded research. Publications Office; 2010.
- [9] Shete N, Deokar S U. A Review Paper on Rotary Friction Welding. *Int J Recent Innov Trends Comput Commun*. 2017 Jun;5(6):1557-60.
- [10] Bhate S S, Bhatwadekar S G. A Literature Review of Research on Rotary Friction Welding. *Int J Innov Tech Res*. 2016 Jan;4(1):2601-4.
- [11] Ramesh A P, Subramiyan M, Eswaran P. Review on Friction Welding of Similar/Dissimilar Metals. *J Phys: Conf Ser*. 2019 Nov;1362(1):1-15.

- [12] Yang L. Modeling of The Inertia of Inconel 718 [dissertation]. Birmingham (GB): University of Birmingham; 2010.
- [13] Nayar A. Testing of Metals. New Delhi (IN): Tata McGraw-Hill; 2005.
- [14] Ridwan R, Prabowo A R, Muhayat N, Putranto T, Sohn J M. Tensile analysis and assessment of carbon and alloy steels using FE approach as an idealization of material fractures under collision and grounding. Curved Layer Struct. 2020 Oct;7(1):188-198.
- [15] Davis J R, editor. Tensile Testing. 2nd ed. Materials Park (OH): ASM International; 2004.
- [16] Sadiku E R, Phiri G, Jayaramudu T, Sudhakar K, Moropeng L, Khoathane M C, Adegbola T A, Kupolati W K. Design and Applications of Nanostructured Polymer Blends and Nanocomposite Systems. Oxford (GB): Elsevier; 2016. Chapter 16, Mechanism of Toughening in Nanostructured Polymer Blends; p. 366.
- [17] Wang K, Abdala A A, Khaleel M A, Hilal N, Khraisheh M K. Mechanical properties of water desalination and wastewater treatment membranes. Desalination. 2017 Jan;401(1):190-205.
- [18] Sim S, Quenneville E. Mach-1 - Extraction of Mechanical Parameters Following Bending Test. BIOMOMENTUM. SW186-SOP08-D v1. BMMT CC#2016-001 (Report); 2016.
- [19] Nasution A K, Gustami H, Suprastio S, Fadillah M A, Octavia J. Potential use of Friction Welding for Fabricating Semi-Biodegradable Bone Screws. Int J Automot Mech Eng. 2022 Jun;19(2):9660-7.
- [20] Standard Test Methods for Tension Testing of Metallic Materials. ASTM E8M-04. West Conshohocken (PA); 2016.
- [21] Standard Test Methods for Bend Testing of Material for Ductility. ASTM E290-14. West Conshohocken (PA); 2014.