## REFERENCE

- AdvantEdge. 2002-2003. *Ultimate AdvantEdge V.1.5 User Guide Manual*. Third Wave Systems. Copyright Third Wave Systems
- Agnew P.J. What to Consider When Evaluating Solid Carbide End Mill Machining. Moldmaking Technology magazine. Mitshubishi Materials USA Corp. 2003
- Anderson, M. 2010. Integrating AdvantEdge with Knowledge and Product Development Process on Microsoft Platform. Process CIO R&D Sandvik Tooling at International Users Conference Third wave AdvantEdge
- Anonymous. 2009, 2010. *Catalog Products of K-2 Plus End Mill (End Mill Guides)*. YG-1. Co., Ltd. Bupyeong-Gu, Incheon, Korea
- Anonymous. *End Mill Training End Mill Design Criteria and Technical Features*. Melin Tool Company. 5565 Venture Drive, Claveland, Ohio 44130.
- Anonymous. Third Wave AdvantEdge Workshop Manual Version 6. www.thirdwavesys.com
- Arrazola, P.J. Ugarte, D. Montoya, J. Villar, A. Marya, S. *Finite Element Modeling of Chip Formation Process with Abaqus/Explicit<sup>TM</sup>*. VIII International Conference on Computational Plasticity 2005
- Avallone E.A., Baumeister T., Sadegh A.M. 2007. *Marks' Standard Handbook For Mechanical Engineers*. RR Donneley, McGraw-Hil Companies, Inc. USA. ISBN-13: 978-0-07-142867-5 ISBN-10: 0-07-142867-4
- Bathe. K.J. 2014. *Finite Element Procedures Second Edition*. Massachusetts Institute of Technology, USA. K.J. Bathe, Watertown, MA. ISBN: 978-0-9790049-7
- Buana, B.R. 2017. Analyze Tool Wear of Cemented Tungsten Carbide End Mill 2T, 3T, 4T for Output of Force and Temperature Data using Third Wave AdvantEdge Software Simulation. Mechanical Engineering Department, Wuxi Institute of Technology, Wuxi Jiangsu P.R. China
- Chockalingan P., Wee H. 2012. Surface Roughness and Tools Wear Study on Milling of AISI 304 Stainless Steel Using Different Cooling Conditions. Intenational Journal of Engineering and Technology. Vol.2, No.8, august 2012. Melaka Malaysia, Vol.2,No.8, pp.1386-1391, 2012
- DeGarmo, E.P., Black, J.T., Kohser, R.A. 2003. *Materials and Processes in Manufacturing Ninth Edition*. John Wiley & Sons. ISBN: 978-0470-05512-0
- Engin, S. & Altintas, Y. Generalized Modeling of Milling Mechanics and Dynamics: Part I - Helical End Mills. The University of British Columbia Department of Mechanical Engineering 2324 Main Mall, Vanocuver, B.C., V6T 1Z4, Canada

- Keshari A. 2010, 2011. Advanced Techniques for Monitoring, Simulation and Optimization of Machining Processes. PhD Thesis of Production Technology and Systems. Università Degli Studi Di Napoli Federico Ii
- Kim J.H., Park J.W., Ko T.J. 2007. *End Mill Design and Machining Via Cutting Simulation*. School of Mechanical Engineering, Yeungnam University, Republic of Korea. Computer-Aided Design, Vol.40, 324–333
- Ku H., Chia W.C. 2006. *Design of Multi-Purpose Carbide End Mill*. Journal of the Institution of Engineers, Malaysia. Faculty of Engineering and Surveying, University of Southern Queensland, Australia. Vol. 67, No. 2, June 2006
- Kumar V., Eakambaram A., Arivazhagan A. 2014. FEM Analysis to Optimally Design End Mill cutters for Milling of Ti-6Al-4V. 12th Global Congress on Manufacturing and Management, Gcmm 2014. Procedia Engineering 97 (2014) 1237 1246
- Kuttolamadom M. A. 2012. Prediction of the Wear & Evolution of Cuting Tools in a Carbide / Ti-6Al-4V Machining Tribosystem by Volumetric Tool Wear Characterization & Modeling. Dissertations of Materials Science & Engineering Clemson University.
- McGraw-Hill. 1983. *Tool and Manufacturing Engineers Handbook Fourth Edition*. Vol 1 Machining. McGraw-Hill Book Co. Society of Manufacturing Engineers
- Moore, D. 1997. *Machinability Study of Tool Steel through End Milling*. No.5 Page 37, Dublin City University. School of Mechanical and Manufacturing Engineering.
- Najiha M.S., Rahman M.M., Yusoff A.R. 2013. *Modeling of the End Milling Process for Aluminum Alloy AA6061T6 Using HSS Tool*. International Journal of Automotive and Mechanical Engineering. Universiti Malaysia Pahang. ISSN: 2229-8649 Vol.8, pp.1140-1150, July-December 2013
- Segebade E., Gerstenmeyer M., Zanger F., Schulze V. 2017. *Cutting Simulations Using a Commercially Available 2D/3D FEM Software for Forming*. 16th CIRP Conference on Modelling of Machining Operations. Elsevier B.V. Procedia CIRP 58 (2017) 73 78
- Singh, Y.K. 2006. Fundamental of Research Methodology and Statistics. 4835/24, Ansari Road, Daryaganj, New Delhi – 110002. New Age International (P) Limited. ISBN: 978-81-224-2418-8
- Varmma M. a/l Suparmaniam & Yusoff R.A. 2010. *Investigation of Surface Roughness and Tool Wear Length with Varying Combination of Depth of Cut and Feed Rate of Aluminium Alloy and P20 Steel Machining*. Faculty of Manufacturing Engineering, Universiti Malaysia Pahang, 26600 Pekan, Malaysia
- Walker, J.R. 2000. *Machining Fundamentals: from Basic to Advanced Techniques*. The Goodheart-Willcox Company, Inc. Tinley Park, Illinois. ISBN: 1-56637-662-9