

Download Advanced Welding Systems Volume 3 Tig And Related Processes Vol

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool. Electron beam welding, despite a long history and widespread arc and laser technology, is still widely used in industry. The main applications for this high efficiency welding process are: automotive, electronics, electrical engineering, aerospace and mechanical engineering industry. E-Journal of Advanced Maintenance (EJAM) is a quarterly online journal published by Japan Society of Maintenance (JSM) to promote advanced maintenance practices and to ensure plant safety globally. (ISSN 1883-9894) The Mechanical Engineering Department is one of the oldest and finest Departments in the region. The workshops of the Department contain highly sophisticated machines presenting a unique and unparalleled quality.