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Article

Latest Trends and Research Issues in Micro-Edm, A Review

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Abstract

Microstructure fabrication employing a non-traditional technology known as Micro EDM has sparked a lot of curiosity. Micro EDM evaluation is influenced by the thermometric energy between the work piece and a Tool electrode. Micro EDM is a recently developed technology for creating delicate pieces with diameters ranging from 50 to 100 meters. Due to its non-contact and warm cycle qualities, Micro EDM is a productive machining technology for generating a Micro metal opening with a number of advantages. In a small hole between the work piece and the terminal, a pulse discharge occurs, simultaneously removing the undesired material from the parent metal by softening and vaporization. The attributes, parameters of material removal rate, and tool wear rate that are vital in the Micro EDM measure are depicted in this study.

Keywords: Micro-EDM, Mechanism of EDM, Process Parameters of EDM, Micro-machining, Micro-EDM issues, Conclusion