Implementation of Statistical Model in the Machining of Superalloys

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Abstract: Machining processes have now become very important processes in the manufacturing industry, but also the technological advances and the demands of the current industry, they have required much more advanced and precise processes, which has led to the development of new machining methodologies to meet current requirements.

From its beginnings to the present, the machining processes have had great advances and technology has played an important role in this and the current requirements have undoubtedly been an important factor in their progress. With the development in large part of the aerospace, automotive and other industries, manufacturing processes require even greater advances, so the development and research in them are a priority in today's industry.

The current machining processes have changed significantly compared to years ago, to develop processes that allow us to have a better product with shorter machining times and the same quality, they are important factors in the investigation and it is sought to advance with it.

Keywords: Milling Process, Superalloys, Statistical Model