

عنوان مقاله:

Experimental Study of Wire Electrical Discharge Machining of INCONEL 738LC

محل انتشار:

دومین کنفرانس بین المللی و هشتمین کنفرانس ملی مهندسی ساخت و تولید (سال: 1386)

تعداد صفحات اصل مقاله: 7

نویسندگان:

K.T Maralani - MSc. student of Urmia University

J Akbari - Associate Professor, School of Mechanical Engineering, Sharif University of Technology

M Sabet - Associate professor, Department of Engineering, Urmia University

خلاصه مقاله:

The experimental study presented in this paper aims to study the effects of WEDM (Wire Electrical Discharge Machining) cutting parameters on surface roughness. The experiments have been performed on an Inconel 738LC specimen cut from root of a turbine blade of thickness of 23mm. The experiments carried out on a wire electrical discharge machine where eight parameters have been changed based on Taguchi table. The surface roughness of the testpieces has been measured with a digital surface measuring device. The analysis of the results shows the effect of each parameter on the surface roughness.

کلمات کلیدی:

Wire electro discharge machining, Inconel 738 LC, surface roughness

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/81475>

