

The analysis and selection of methods and facilities for cutting of naturally-deficit materials

Akhmetov I., Zakirova A., Sadykov Z.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The comparison of perspective methods is done in the article, such as laser, plasma and combined electro-diamond methods of hard processed materials cutting. There are the review and analysis of naturally-deficit materials cutting facilities. A new electrode-tool for the combined cutting of naturally-deficit materials is suggested. This electrode-tool eliminates electrical contact between the cutting electrode-tool and side surfaces of the channel of cutting workpiece cut, which allows to obtain coplanar channels of cut.

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