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Experimental study of TiN, TiAlN and TiSiN coated high speed steel tool

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:Outline





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Abstract

In the machining process, high-speed steel cutting tool is important for fabricate the any product in the manufacturing sector. However, highspeed steel is still unable to meet the requirements in some conditions. Coating is one of the methods used to enhance the cutting tool performance. Tool coating extends tool life, improves cutting quality, and increases tool durability. The deposition and properties of coated molybdenum High speed steel tools are described in this experimental investigation.





Keywords

Cutting tool; TiAlN and TiSiN; Magneto Sputtering

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