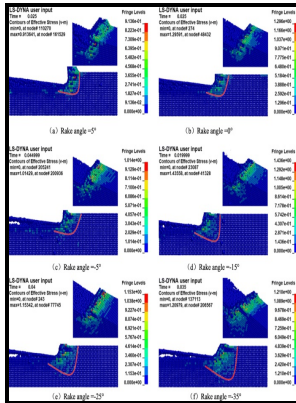


Influence of the critical rake angle in the machining of plastics.

- - Factors affecting tool life in machining processes



Description: -

-influence of the critical rake angle in the machining of plastics.

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Notes: Thesis (Ph.D.)--The Queens University of Belfast, 1978.

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Tags: #Study #on #the #critical #negative #rake #angle #of #the #negative #rake #angle #tool #based #on #the #stagnant #characteristics #in #micro

Study on the critical negative rake angle of the negative rake angle tool based on the stagnant characteristics in micro

THEORY OF METAL CUTTING Definitions Machining : Term applied to all material-removal processes Metal cutting : The process in which a thin layer of excess metal chip is removed by a wedge-shaped single-point or multipoint cutting tool with defined geometry from a work piece, through a process of extensive plastic deformation **MECHANICS OF CHIP FORMATION** The cutting itself is a process of extensive plastic deformation to form a chip that is removed afterward.

Study on the critical negative rake angle of the negative rake angle tool based on the stagnant characteristics in micro

Callahan DL, Morris JC 1992 The extent of phase transformation in silicon hardness indentations.

Study of Manufacturing Defects and Tool Geometry Optimisation for Multi

Geometries for soft plastics Soft plastics are routed by removing long, curly chips from the face of the material being machined. Back Rake is to help control the direction of the chip, which naturally curves into the work due to the difference in length from the outer and inner parts of the cut.

Study of Manufacturing Defects and Tool Geometry Optimisation for Multi

J Eng Mater Technol 125 3 :324.

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