Design and Manufacture of a Composite Punching Tool

Valiev A., Shibakov V., Pankratov D. Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016, Allerton Press, Inc.Proposals are made regarding the design and manufacture of a composite rod-type hole-punching tool by plastic deformation.

http://dx.doi.org/10.3103/S1068798X16020246

Keywords

broaching, complex workpiece, composite tool, design, punching tool, shaping, technological process