

Design and Manufacturing of Die

Mr. Arvind Jagtap¹, Mr. Vivek Dalvi¹, Mr. Prajwal Gaikwad¹,

Mr. Tanmay Bavale¹, Prof. N. D. Ghorpade²

UG Students, Department of Mechanical Engineering¹

Professor, Department of Mechanical Engineering²

JSPM Rajarshi Shahu College of Engineering, Pune, Maharashtra, India

Abstract: Tool creating is one amongst the trades, which needs a close study, structural analysis and method coming up with before continuing with any sensible work. The success of any tool for the most part depends on the method analysis and style analysis of the tool. a scientific approach in tool creating is so terribly essential. This project report principally enlightens the assorted aspects of "Press Tool". Press tools area unit accustomed turn out a selected element in lots of abundance, out of sheet metals wherever specific element achieved depends upon press tool construction and its configuration. totally different the various styles of press tool constructions ends up in different operations particularly blanking, bending, piercing, forming, drawing, setting apart, parting off, embossing, coining, notching, shaving, lancing, perforating, trimming, curling etc. usually metals having thickness but 6 mm is taken into account as strip. Metals having thickness bigger than 6 mm is taken into account as plate. In Piercing and notching the desired form fringe is cut within the work piece material. The press tool used is for Piercing operation is named as Piercing tool. The application of press operations area unit wide utilized in several industries like food process, packing, defense, textile, automobile, craft and plenty of except for producing trade.

Keywords: Press Tool, Design, Pierce, Blanking

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