

Process of Machining a Part in CNC Milling

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Abstract: Our project shows the machining of a work piece in order to obtain the g code used in CNC machines, this with the help of CAD programs such as CorelDraw, AutoCAD, SolidWorks and MasterCam. In CorelDraw part to only have the outline of it is vectorized, AutoCad support only serves to pass information from one program to another. In SolidWorks finishes end of the piece is designed and errors are corrected. And finally work and use MasterCam to simulate what would generate our code g of the work piece. Later in the content of this article will explain in detail the steps to follow to get the code g element in our case machined on a CNC milling machine.

Keywords: g code, CorelDraw, AutoCad, SolidWorks, MasterCam, CNC milling machine