

# TB041 (Rev1) - Importing DXF files in MasterCAM

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## Overview

This document describes some difficulties that may be encountered when using DXF files with MasterCAM.

## The Version matters

MasterCAM will load DXF files that conform to the R12 format. If AutoCAD R14 is being used to draw the geometry, be sure to save the file in R12 format.

## Colors and Scaling

When a DXF file is loaded into MasterCAM, it may be that nothing is visible on the screen. One reason for this is that the original drawing is in the same color as the background of the screen. If this is the case, choose [S]creen, [E]ndpoints. This will draw all the points in white. The second problem that may be encountered is that the drawing is scaled so large or so small that it cannot be seen. Pressing **ALT+F1** will fit the drawing to the screen.

## Directories

When loading a DXF file, the default directory that MasterCAM looks for these programs is in C:\NC\DXF. Unless a directory has been created and/or has DXF files in it, the directory probably doesn't exist, and certainly does not contain any DXF files to load. Most of the time, the DXF file will be imported from a floppy, in which case the pathname of that file (example: a:\mydxf.dxf) can be specified. When the file is saved, it will be converted to a MasterCAM geometry (\*.ge3) file and placed in the C:\NC\GE3 directory. If a file is being converted to DXF and then saved, the default path is C:\NC\DXF. If the directory does not exist and the files need to be placed there, the directory will need to be created.

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## Document History

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