

ADDING VALUE TO YOUR PARTS – ROLLING FORM TOOL

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Issue: What can a **Rolling Form Tool** do to add value to my part?

Solution: Both Wilson Tool ([.wilsontool.com](http://www.wilsontool.com)) and Mate Precision Tooling ([.matept.com](http://www.matept.com)) provide Rolling Form Type tools. Although there are other specialty tools in this area, the typical tools produce ribs or offsets. The rolling tools take advantage of our machines' capability to lower the ram and move the X and Y table axes in a synchronized motion.

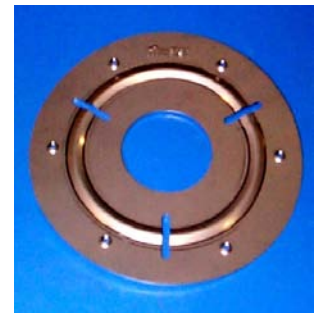
The forms created by these tools can be produced with special forming tools in a punching sequence, however, the results are often less than satisfactory and time consuming. The rolling tools generate smooth forms faster and without the nibble marks.

Most software CAM systems support these types of tools and generating machine code can be as easy as a couple of mouse clicks. Ribs can be produced for panel stiffening, allowing thinner, less costly material to be used. Offsets can produce raised flanges or oversized embosses that previously had to be produced in a secondary operation.

Murata supports the use of all wheel type tools in our machines.



Wilson Rolling Rib Tool



Rib Tool Example



Wilson Rolling Offset Wheel



Offset Example



Mate Roller Ball



Roller Ball Example