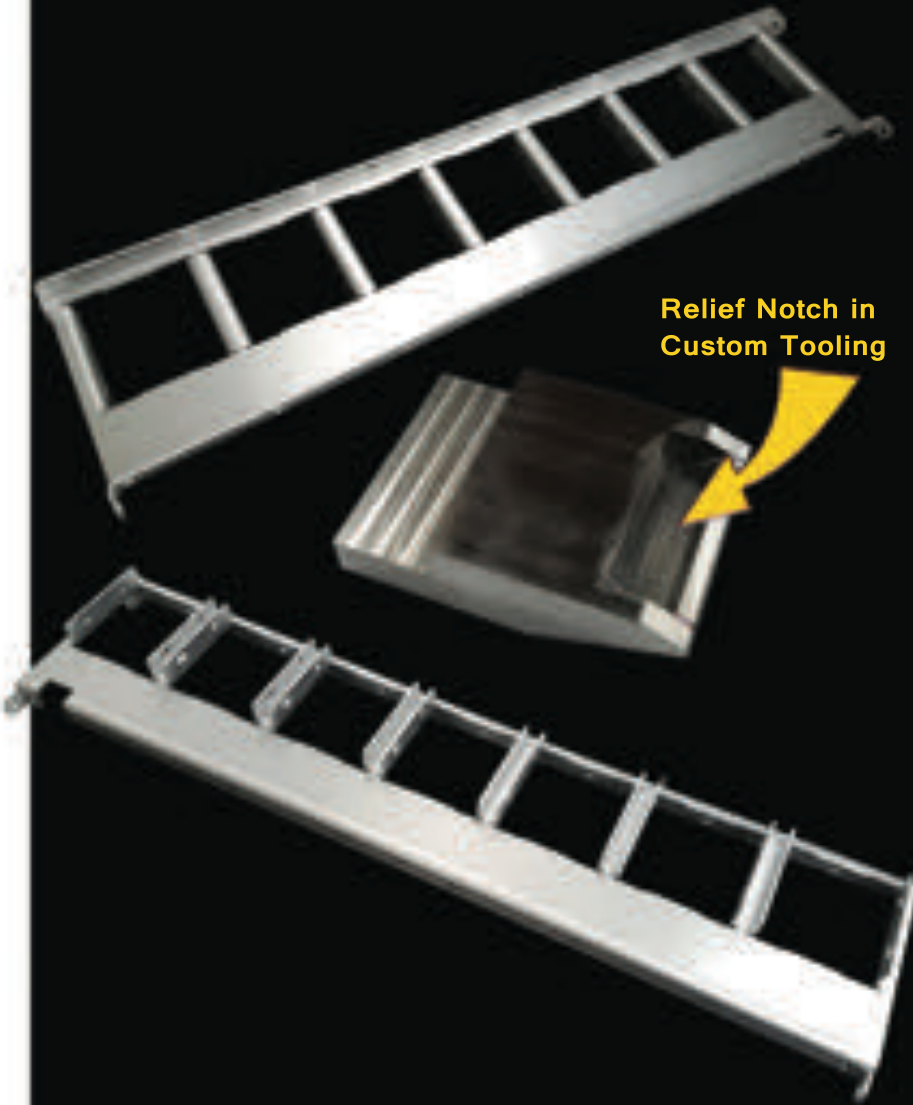


# April

## Featured Part

**COMPU**Craft  
Fabricators Inc.  
Precision Metal Components



Relief Notch in Custom Tooling

## Tool Close For Comfort

For April's Featured Part mailer we are fooling around with the part and tool shown to the left. This aluminum part has 20 separate bends, and if we didn't make a custom forming tool, our press brake operator would know we were joking when we asked him to start setting up his brake. Why, you ask? The pairs of flanges around the windows in this part are barely more than ¼" apart when formed up. Utilizing our vertical CNC milling capabilities we were able to create a forming tool with a relief notch to clear the first formed flange as the second flange of the pair is being formed. The ability to create custom tooling is one of the many things that sets Compucraft apart from our competition.

### Did You know:

You can round pi up to 4 if you need a quick approximation when calculating the perimeter/area/volume of a circle/cylinder/cone/sphere/etc.? Here's why:



### Problem:



• Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to [www.metalwork.com](http://www.metalwork.com) and click on Problem of the Month link.

### Quote:

"And though the lies may bite, the truth has all the teeth." ~ Tom Marshall ~

Complete Assembly, Sheet Metal, Machined and Welded Components.

- > ISO 9001 certified quality management system
- > Certified Welding to MIL-STD-1595a for process DTAW Group 1b, 1ia
- > 100% in-process inspection
- > Certified inspection reports

### All CAD Formats:

Solidworks (sldprt, sldasm), AutoCAD (dwg, dxf), Inventor, Pro/E, CATIA 4/5, Unigraphics, Parasolid, ACIS SAT, iges, step, ckd, prt, stl

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