



August

Featured Part

Tricky Forming? No Problem!

Our Featured Part for August is this tricky little aluminum bracket. When forming sheet metal with a press brake, the way to get the most accurate results is to have an edge to gauge against that is parallel to the bend line. The inset picture of the CAD model that was developed to make this part shows the bend lines in yellow. Since none of the bend lines had an edge that ran parallel, we added the outriggers held in by the narrow tabs. With these helpful additions to the flat we were now easily able to form this part. After the forming operation the part goes to the grinding room to have the tabs broken off and ground flush with edge. If you have tricky forming requirements let us quote them today!



Did You know?:

Google was originally named BackRub.

The name 'Google' is actually derived from the mathematical term 'googol' which is basically 1 with a 100 zeros following it.

Problem:



*Please be sure to check our NEW website for answers to all previous months Problems and Quizzes! Go to www.metalwork.com and click on FEATURED PART page.

Quote:

"Be yourself; everyone else is already taken."

~ Oscar Wilde ~

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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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