



Part of the Month

# April

## What is It?

For April's Part of the Month, we present this thingamajig. It's made out of stainless steel, that is for sure. We started with several fittings, couplings, and sections of pipe. But this wasn't enough. Our customer really wanted a wishbone type shape on top of this thing. So we turned to our trusty machine shop to fabricate a custom port splitter to go on top of the pipe. It was a success. Now we had everything we needed and welding could commence. After assembly it was on to our grinding room for final finishing and polishing. Even when something as strange as this comes through our shop, there is no fooling around. We get the job done right and to the quality that our customers have come to expect.

Send your inquiries today!

### 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



### Quiz:

"La primavera" or "Spring", is Concerto No. 1 in E Major which is part of "The Four Seasons" violin concertos. Who Composed "The Four Seasons"?

- A. Giacomo Puccini
- B. Antonio Salieri
- C. Antonio Vivaldi
- D. Gioachino Rossini

### Problem:

A block of wood in the form of a cuboid 5"x9"x14" has all its six faces painted blue. If the wooden block is cut into 630 cubes of 1"x1"x1", how many of these would have blue paint on them?

\*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:

"Vision without action is a daydream. Action without a vision is a nightmare."  
~ Japanese Proverb ~

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