



102D Park Drive Montgomeryville, PA 18936

P: 215.654.7778

F: 215.654.7779

E: potm@metalwork.com

Complete Assembly, Sheet Metal, Machined and Welded Components.

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- > 100% in-process inspection.
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All CAD Formats:

Including: dwg, dxf, slddrw, sldprt, sldasm, iges, step, Pro/E, ckd, prt, stl, CATIA 4/5, Unigraphics, Autodesk Inventor, Parasolid, Surface, ACIS SAT.

Quiz:

What 2 numbers (neither of which contain any zeroes) when multiplied together equal 1,000,000,000?

Problem:

Find the angle "a" in the diagram below (Solve this puzzle using just basic geometry, no sines or cosines allowed).



Three adjacent squares

December 2010 Answers:

Problem:

Use the following formula to solve for the radius of a circle inscribed in a right triangle.

$$(3-x)+(4-x)=7-2x \quad 7-2x=5 \quad -2x=-2 \quad x=1$$

(See website for detailed explanation)

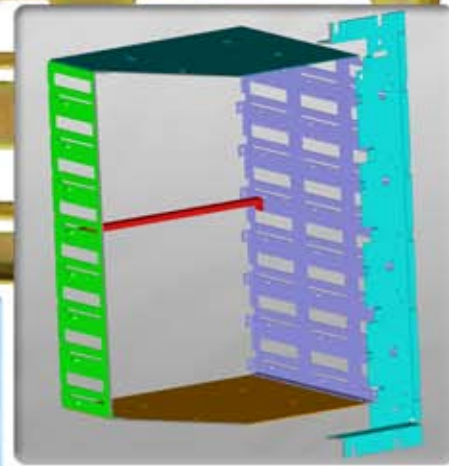
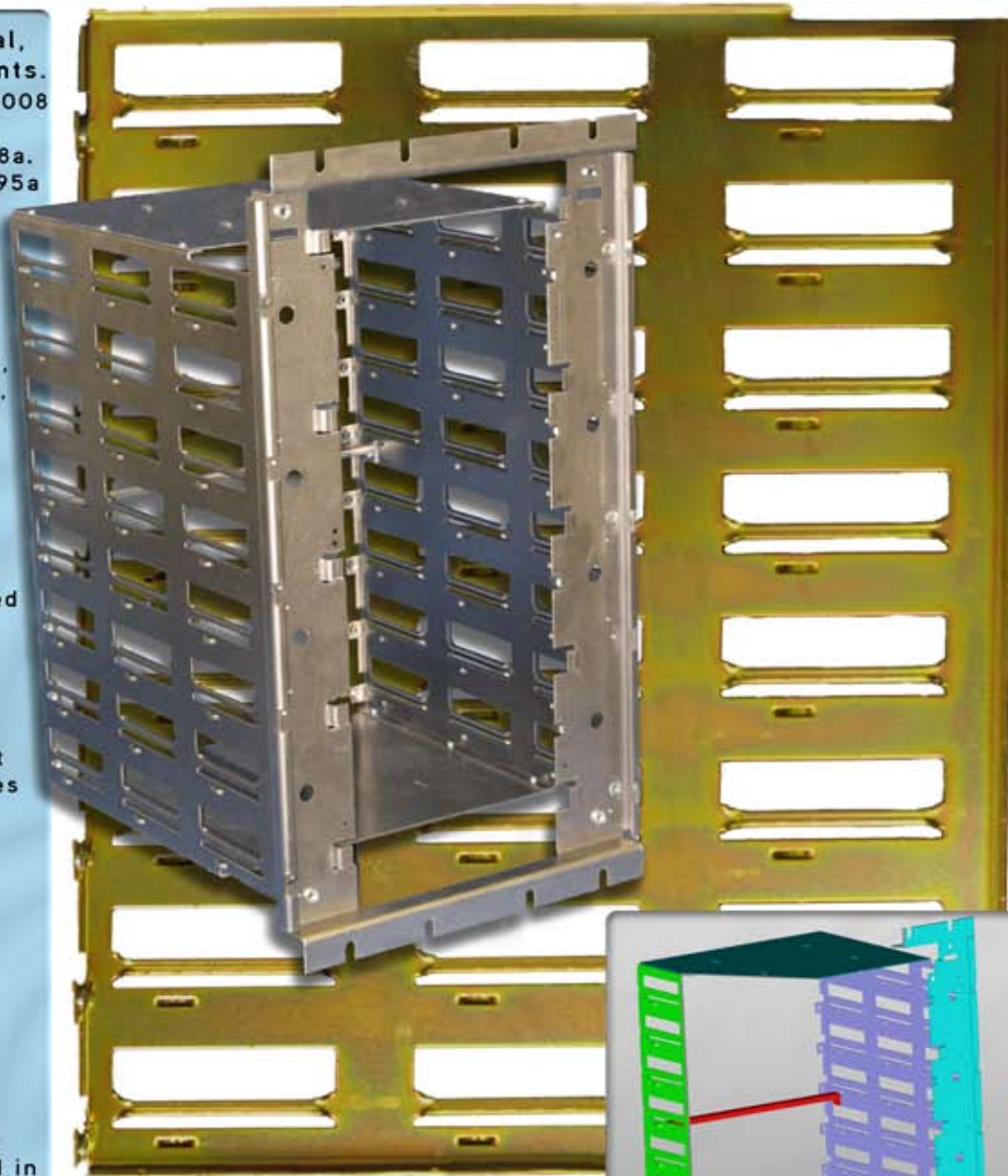
Quiz:

A Coffin

Quote:

"Be always at war with your vices, at peace with your neighbors, and let each new year find you a better man."

Benjamin Franklin



Six Piece Assembly

Featured this month is a six piece assembly which has been riveted together prior to shipping. In the back-

ground is one of the side panels. You can see the card guide and bridge lance features that were formed on our turret during punching. In the foreground is a picture of the completed assembly, as well as a cut-away CAD image.