



February

Part of the Month

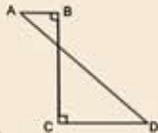


Extra Strength Hopper

This month we are featuring a stainless steel hopper. With flanges made from 3/8" thick stainless steel plate, and 1/8" thick stainless steel walls, this behemoth weighs in at an impressive 105lbs. After welding the inner walls are lined with 1/4" UHMW plastic, and then this hopper is ready to funnel anything. Crushed stone? No problem. A truck load of golf balls? Sure. All of the losing Powerball tickets? Welllll the top opening is only 35" x 20", so perhaps not.

Problem:

In the figure to the right if $AB=4$, $BC=24$, and $AD=26$, then $CD=?$



Quiz:

What was Henry Ford's first mass-produced car called?

- A. Model M
- B. Model N
- C. Model S
- D. Model T

*Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to www.metalwork.com and click on Problem of the Month link.

Quote:

"It is my belief that the best results in business come from a creative process, from the ability to see things differently from everyone else, and from finding answers to problems that are not bound by the phrase 'we have always done it this way.' "

~ Wayne Rodgers ~

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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