



When A Plan Comes Together

Made from 3003-H14 aluminum, our Featured Part for June is not made from an alloy of aluminum that we commonly see, but it is also not a problem for our experienced fabricators. This weldment touches many areas of our shop, including the machine shop, laser cutting, forming and rolling, and finally, welding. If you look closely you will see that many of the different components of this weldment have features that need to be accurately clocked with features on other components, and this is why the most care must be taken in the welding department for this assembly. We have devised custom fixtures to locating everything correctly and allow our welders to work quickly and accurately.



www.metalwork.com
**Come Visit Our
 New Website!**
 102D Park Drive
 Montgomerierville, PA
 P: 215.654.7778
 F: 215.654.7779
 E: potm@metalwork.com

Part of the Month June 2020

Fun Fact:

Dimples on a golf ball create a thin turbulent boundary layer of air that clings to the ball's surface. This allows the smoothly flowing air to follow the ball's surface a little farther around the back side of the ball, thereby decreasing the size of the wake.

Problem:

Find missing number in this tricky number sequence,

2	11	20
4	9	32
7	8	49
4	10	????

*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.

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

Quote:

"Before anything else, preparation is the key to success." ~ Alexander Graham Bell ~