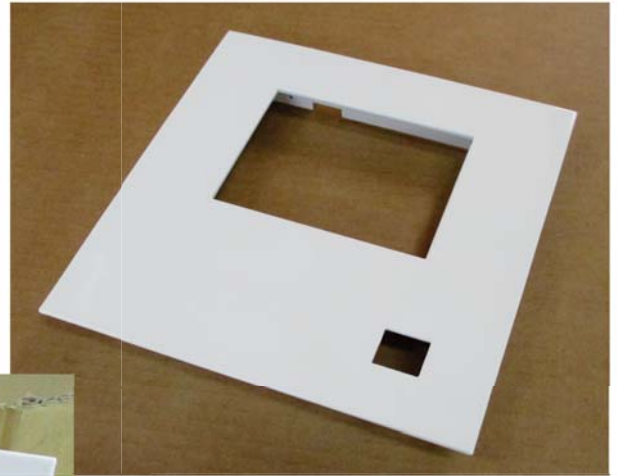


May 2020



Turret Forming, CNC Machining, and Laser Cutting?!

Very Flat, Very Smooth

Look carefully at the front of May's Featured Part. Do you see the rivet heads holding the angle brackets to the back of the part? Nope! This aluminum faceplate and bracket assembly is first punched on our turret press. We then closely control the countersink process to ensure the rivet heads sit flush with the top surface of the faceplate. After forming, the brackets are riveted to the faceplate and we again monitor the process closely to ensure that the flatness tolerance is met for the front surface of the part. Finally, the parts are powder coated, and all evidence of the rivets holding the brackets in place is gone.

Fun Facts:

What is the name of the Greek goddess whose return was believed to signal the start of spring?

- A. Demeter
- B. Persephone
- C. Maia
- D. Freya

Problem:

All three triangles are interconnected. Find the answer by deriving a relation between them.



*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:

**"Live as if you were to die tommow.
Learn as if you were to live forever"**
~ Mahatma Gandhi ~

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