



## October is Origami Month

October's Featured Part is quite the heavy weight. For October's Featured Part we got creative with our stainless steel flat pattern. For sure the two views of the finished part look nice, but the real story is told by the inset picture which shows the part prior to welding. In order to reduce the amount of welding, and therefore offer our customer a less expensive part, we figured out how to maximize the amount of forming that could be done. Once formed, the part is welded to a flat plate with a threaded inlet. The last stop is the grinding room to have the weld burn removed, and then this part is ready for its new life on a luxury yacht.



**Complete Assembly, Sheet Metal, Machined and Welded Components.**  
 > ISO 9001 certified quality management system  
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 > 100% in-process inspection  
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**Did You Know?:**  
 Most of the whales we see on our whale watches don't have teeth! Instead, they have baleen, plates that filter out small fish from water. They then swallow their food whole.

**Problem:**  
 Can you solve this scary puzzle?

?	-	?	=	9
+		+		
?	-	?	=	14
12		35		

**All CAD Formats:**  
 Solidworks (sldprt, sldasm),  
 AutoCAD (dwg, dxf), Inventor,  
 Pro/E, CATIA 4/5,  
 Unigraphics, Parasolid,  
 ACIS SAT, iges, step,

**Quote:**  
 "I believe every human has a finite number of heartbeats. I don't intend to waste any of mine."  
 ~ Neil Armstrong ~

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\* 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.