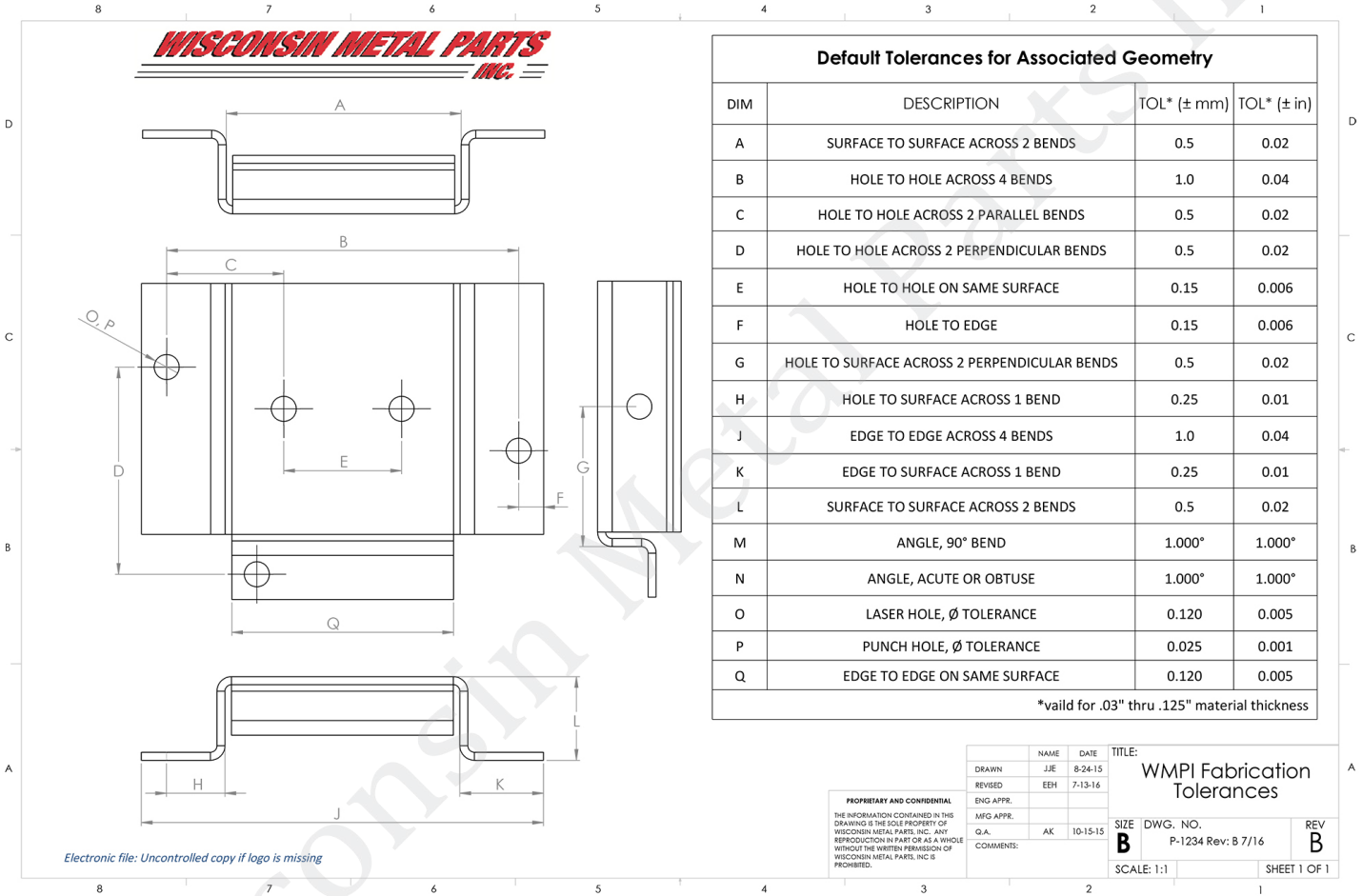




What tolerances can you hold for fabrication?

You know your products and their functions best, but WMPI is often asked what tolerances we can hold during the fabrication process. In this example, we define fabrication as using our fiber lasers or CNC punching to make the flat blanks, and a brake press to create the bends. The chart below shows general guidelines typically appropriate for fabrication of most materials up to .125" (3.17 mm) thick.



Tighter tolerances are possible but may require additional testing, set-up and inspection during the run. Part size also comes into play here. As parts get longer, have thicker material or become more complex, additional tolerance will likely be needed. A 12-foot-long part will need more tolerance than one that's 12 inches long.

This information is intended as reference only. Tolerances will always vary by individual part and materials used. Wisconsin Metal Parts also has CNC machining and metal stamping capabilities that can hold tighter and more consistent tolerances than fabrication can. Send us your drawings and let's talk. We'll help you find the most cost-effective solution for your needs and spend your money wisely.