

# TEC-CLAMP™ – VISUAL DIFFERENCES IN CLAMP HOUSING DESIGN

You may have noticed visual differences in the design of some of our **TEC-CLAMP™** housings. Tec-Clamps with an inside diameter less than 2 inches have a “smooth” housing, and clamps with an inside diameter of 2 inches or more have a series of “cut-outs” in the walls of the housings. This was done to help aid the injection molding process used to make these components.



Representative of 1.75” and smaller



Representative of 2.00” and larger

After raw plastic material is melted down and injected into a mold, the freshly molded part must cool at a relatively even rate across the entire part or else “sinking” or “warping” may occur in certain areas. This affects the shape of the item and may compromise the functionality of the finished good. As the size of an injection molded part increases, greater consideration must be given to prevent these phenomena because thicker parts are more prone to cooling unevenly. So we added these cut-outs into the housings of larger Tec-Clamps so they can cool at an even rate after they are molded, ensuring strong and uniform parts every time.

Does this affect how you can use them? No, the larger Tec-Clamps carry the same performance ratings as the smaller variants, so you can count on the same durability and high performance you are accustomed to.



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