

Tolerances

Technological advancements in high-speed robotic and bar feed machining equipment make Concast products essential in today's highly technical world.

Our ability to hold consistent tolerances with minimum variation makes our products ideal for CNC equipment. We are able to perform to this high standard by utilizing precisely machined in-house dies. Concast can hold variations of .006 inches, which is significantly better than sand, centrifugal, and other types of casting methods.

Straightness tolerances are also critical due to the increased speed capabilities of new generation CNC equipment. All of our bars and tubes are Medart® straightened enabling them to exceed ASTM B505 straightness requirements. As a result, our customers are able to utilize the optimum performance of their equipment, thus, increasing their competitive advantage.

Concast products can be ordered to the cast size or “to finish to” condition. Concast standard stock is produced oversized in the “to finish to” condition so the customer will be assured the size ordered will finish machine to that size with as little as .031 inches of material to be removed.

