

Precision Casting

Precision molding (also known as wax digestion or lost wax) can handle geometrically complex components. With the method, the foundry can offer very good dimensional accuracy and repeatability with minimal processing. The result will be a very smooth surface finish with fine dividing lines.

THE PROCESS OF PRECISION CASTING

In precision casting, the foundry uses an aluminum or steel tool in which wax parts are manufactured which are mounted on a wax ingrowing system. For more complex components it is possible to assemble several wax parts. Metal, ceramic and / or wax cores can be used. The wax is covered by a pot of ceramics. When the shell has dried the wax is melted and then it is burnt into a single-use oven, poured off immediately.

