

Chill

Aluminum coil casting is suitable for complicated details, preferably with multiple cores. It is possible to cast in details of other material. The casting method gives aluminum better strength properties than sand cast or casting molding. With a subsequent heat treatment, the part gets even better strength properties and machinability.

The process of casting

In casting molding, a permanent steel mold (steel mold) is used, with the ability to use both movable steel and sand and grain kernels. The method offers very low molding costs with good dimensional accuracy and repeatability. The machining may be less than sand forming and the surface finish will be even with fine dividing lines. Cookie molding fits well for robotized cleaning as well as machining in CNC machines.

