

## Die Castings Manufacturer-china Die Castings-INNOVAW Casting

NINGBO INNOVAW MECHANICAL is a professional supplier for casting and machined part which is widely used for Automobile, Medical, earthmover, petroleum, electricity Industry. Dedicating in long-term business with foreign customers from North America and west Europe, we are exactly know what?; s the customer requirement when they provide drawings and material specification. And our engineering can suggest the best process and technology to make the component or any design changing if necessary. Most of our productsdie casting, casting, aluminium die casting, aluminum casting, sand casting, iron sand casting, investment casting, pressure die casting , gear housing, Quick Coupling Series , Precision CNC Machining Components , Valve Balls and Valve Industry, die casting, Pressure Die Casting, aluminum die casting, Investment Casting, Sand casting, Iron casting, CNC machining, alloy die casting, zinc die casting, low pressure die casting, aluminum pressure die casting, die casting machine, lost wax casting, high pressure die casting, permanent mold casting, stainless steel casting, aluminum casting foundry, green sand casting, aluminum investment casting, iron casting, aluminum lost wax casting, die casting for lighting industry, die casting Motorcycle Parts are exported to Canada, USA, and west Europe Germany, France, Italy, Norway, Finland, Switzerland, etc. and win good reputation among our customers.

### Die Castings



Pressure die casting(Aluminum alloy)

In the pressure die casting process the metal is forced into a high grade steel tool at high speed and pressure. The casting temperature is roughly 700°C when casting aluminum and 650°C when casting magnesium. The use of vacuum casting technique is a must in order to achieve superior quality for extremely light and thin walled components.

Pressure die casting is a competitive casting method when the components are needed at high volumes or when better tolerances and surface finish are required than can be achieved by gravity die casting. The need for machining is very low due to the close casting tolerances. Heat treatment of pressure die casting is not possible but due to the high rate of solidification the mechanical properties are good. The tooling costs are considerably higher than for gravity die casting.

Important applications are found in the components for mobile telephone base stations and certain mobile telephone applications. The more important reasons for using light metal casting are low weight, mechanical strength, stiffness and electrical properties. Other applications a