

Aluminum Sand Casting , China Aluminum Sand Casting

Manufacturers

A sand casting or a sand molded casting is a cast part produced by forming a mold from a sand mixture and pouring molten liquid metal into the cavity in the mold. The mold is then cooled until the metal has solidified. In the last stage the casting is separated from the mold. There are six steps in this process: (see sketch below):

Place a pattern in sand to create a mold.

Incorporate a gating system.

Remove the pattern.

Fill the mold cavity with molten metal.

Allow the metal to cool.

Break away the sand mold and remove the casting.

1) Material: aluminum alloy, based on standard of ASTM, BS, DIN, and JIS; 2) Weight: 0.05kg - 450kg; 3) Process: sand casting, die casting and investment casting; 4) Produced by OEM way, samples available within 15 days after receiving order;

