

Download Sand Casting Design Guide

Sand casting, also known as sand molded casting, is a metal casting process characterized by using sand as the mold material. The term "sand casting" can also refer to an object produced via the sand casting process. Sand castings are produced in specialized factories called foundries. Over 60% of all metal castings are produced via sand casting process. Sand casting is a type of expendable mold casting that utilizes expendable sand molds to form complex metal parts that can be made of nearly any alloy. Design optimization of gating and feeding system through simulation technique for sand casting of wear plate ? In sand casting which is also known as sand molded casting, an object is produced by sand mold. The process involves pouring of the molten metal in to the mold cavity.