Product introduction

Wear Resistant Plate

Chromic carbide wear resistant composite steel plate of high hardness is formed by Q235 steel plate and wear resistant layer composition. The matrix of the wear resistant layer is metallurgical gold. The special visible arc flux cord welding rod of high hardness is applied for composition of one or two or more layers in an even manner. Even horizontal crack may occur on the surface due to stress releasing during the composition process. The composite wear resistant plate enjoys unique metallurgical structure which is of funicular distribution. The hardness degree is up to 56-62. However, cutting, bending, welding and other processing work can be done on the said plate. That is to say, parts which can be processed from steel plate can also be processed from wear resistant plate.

The wear resistant layer of Weikelai wear resistant plate is mainly composed by high chromium with other components as manganese, molybdenum, niobium and vanadium, etc. which forms the alloy arbide. The alloy arbide enjoys high stability under high temperature which can maintain higher hardness as well as good oxidation resistance. It can be normally used under 550℃.