

Hardfacing wear resistant steel plate

Product Name: wear-resistant steel plate serious

Model: HP100,HP200,HP300,HP400

HRC:50-65

Working Temperature: HP100,HP200,HP400>500°C HP300>800°C

Alloy Chemical Composition:C,Cr,Mn,Nb,etc.

Standard Size:1400mm*3000mm 2000mm*3000mm

Specification and Thickness:

4+4,5+5,6+5,6+6,8+5,8+6,8+8,10+5,10+6,10+7,10+8,10+10,12+5,12+6,12+7,12+8,12+10,12+12,1 4+6,14+8,14+10,16+4,14+8,14+10,16+4,16+6,16+8,16+10,16+12,etc.

Industry Application:

Power industry

Coal hopper lining plate, coal drop pipe liners, coal mill wear parts, ash pipeline, fan blade

Iron and steel industry

Bin liner, skip car liner, vibrating feeder lining, CDQ tank lining, coke-barrier car bottom plate, slag sluice lining

Cement industry

Raw mill lining, clinker chute lining, dust discharge pipe, guide vane, roller protection sleeve, slag mill wear parts

Glass industry

Blender mixer bottom plate, fan blade, fore and rear discs of fan impeller, quick-wearing wear parts

Mining industry

Excavator bucket liners, bucket-wheel excavator, scarper conveyer middle trough, elevator skip, hopper liner

Engineering machinery

Shield machine wear parts, boring machine shovel plate, loader shovel plate, dump truck body plate.

Port

Loading and discharging machine, wear-resistant pipeline, channel dredging, bin liner

we also customize various specification wear-resistant plate and wear parts according to customer requirement and drawings.

Processability:

Cutting: Hard-plate® wear-resistant steel plate can be cut into various shape according requirement by plasma, carbon arc and abrasive saw.

Bending: Hard-plate® wear-resistant steel plate can be bended and rolled by cold processing forming according to requirement.

Trepanning: plasma cutting can be used for large holes, spark-erosion drilling machine can be used for small holes, countersunk holes for assembly bolts can be cut by plasma and carbon arc.

Welding: basing on the excellent weldability of base metal, Hard-plate® wear-resistant steel plates can be jointed with each other and can also be welded on other steel structure.

Plug welding: plasma or carbon arc gouging can be used for trepanning on Hard-plate® wear-resistant steel plate, and plug welding is used for connecting with other steel structure.

Bolt fixing: the bolts can be welded on the base metal of wear-resistant steel plate by flash welding or melting welding, and then connecting with other workpiece. Or trepanning directly on the wear-resistant steel plate, and connecting other workpiece by bolt.

Surface processing: generally, the surface of Hard-plate® wear-resistant steel plate does not need processing, if it is necessary, only slightly grinding can be operated.

The use of welding rod and welding wire: welding rod and welding wire are often used at the construction site to fill installation gap, strengthen and repair worn parts. Hard-plate® provides Hard-plate® series wear-resistant welding wire and welding rod.