

Name: wear resistant **Single Roller Crusher Teeth**

Product Name	Welding wear resistant single roller crusher teeth
Material	Q235/Q345+Chromium carbide overlay
Base metal	Q235/Q345 or customized
Hard facing layer	Chromium carbide overlay; 3+3,4+4,5+5,6+4,6+5,6+6,8+4,8+5,8+8,10+10,12+12,16+10,20+20,40+10,etc
Chemical composition	C: 3.0-5.0 % Cr: 25-32 %
Hardness	HRC57-63
Microstructure	Carbide (Cr7C3)volume fraction above 50 %
Wear resistance	High wear/abrasion resistance
Flatness tolerance	±3 mm/m
Thickness tolerance	uniform overlay thickness, with tolerance within 0-0.5 mm
Impact resistance	Medium
Technology	Hardfacing, open arc welding, submerged arc welding
product Size	Customized sizes
Main thicknesses (base metal+overlay)	Customized thicknesses.
Main Application:	Mining, Steel, Cement, Power, Port, Glass, Coal, etc.

Company: Hard-plate is a high-tech enterprise specializing in metal matrix hard-face wear resistant steel plate and wear resistant material manufacture .Relying on domestic institute ,Hard-plate researches and develops wear resistant material and hardfacing welding machine independently .Hard-plate also passed the ISO quality mangement system ,have dozens of own technologies .Now ,Hard-plate has become domestic famous enterprise.

Product: Our produce includes 4 series

- 1.Hard-plate hardfacing wear resistant steel plate series (HP100,HP200,HP300,HP400)
- 2.Hard-plate wear resistant pipe and elbow
- 3.Wear parts manufacture and repair (Grinding roller ,Grizzly bar, Single roller crusher teeth, Distributor chute)

4.wear resistant welding material series(Overlay flux code welding wire,Wear resistant overlay welding rod)

Application: Our product are widely used in various industries ,such as metallurgy,power plant,mining ,cement ,glass and etc.Besides domestic market ,the products also sold to America ,Canada,Australia,South Korea,Japan

Research and development ability (R&D ability): 1More than 50 national patents including patents 2.Well-equipped laboratory with high-end metallographic analysis,equipment,spark-optical emission spectrometer , Carbon sulfur analyzer, spectro- photometer,grain-abrasion testing machine,rockwell hardness apparatus,impact testing machine.