



Name: wear resistant grizzly bar

Product Name	wear resistant grizzly bar
Material	Q235/Q345+Chromium carbide overlay
Base metal	Q235/Q345 or customized
Hardfacing layer	Chromium carbide overlay
Chemical composition	C: 3.0-5.0 % Cr: 25-40 %
Hardness	HRC58-63
Microstructure	Carbide (Cr ₇ C ₃)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
Plate Size	Customized sizes
Main thicknesses (base metal+overlayer)	Customized thicknesses.

Grizzly bar is one of the main wear-resistant parts of the single-tooth roller crusher. Because its working temperature is as high as 800℃ and it can bear large thermal load and impact load at the same time, it is subjected to complex forces and serious wear. It can greatly improve the abrasion resistance and service life of grate plate by surfacing overlay welding.