

Name: wear resistant coal hopper

Product Name	wear resistant coal hopper
Material	Q235/Q345+Chromium carbide overlay
Base metal	Q235/Q345 or customized
Hardfacing 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: 25-40 %
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
product Size	Customized sizes
Main thicknesses (base metal+overlayer)	Customized thicknesses.
Main Application:	Mining, Steel, Cement, Power, Port, Glass, Coal, etc.