**Name：wear resistant grinding table**

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| ****Product Name**** | **wear resistant grinding table** |
| ****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 (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**** | **Cusomized sizes** |
| ****Main thicknesses****  ****(base metal+overlayer)**** | **Customized thicknesses.** |
| * **Main Application:** | * **Mining, Steel, Cement, Power, Port, Glass, Coal, etc.** |

During the use of the vertical grinding roller body and the wear-resistant table lining, the rolling pressure of the roller, the supporting force of the material, and the frictional resistance between the material and the grinding roller lining will increase the severe abrasion between the body and the lining, the liner will crack or even break. Our company adopts chromium carbide bimetallic composite material to carry out hard surface wear-resistant overlay welding on the surface of the roller body, or repair the surface of the tires that have been worn, to solve the problem satisfactorily.