



**TiC** Steel-bonded  
carbide

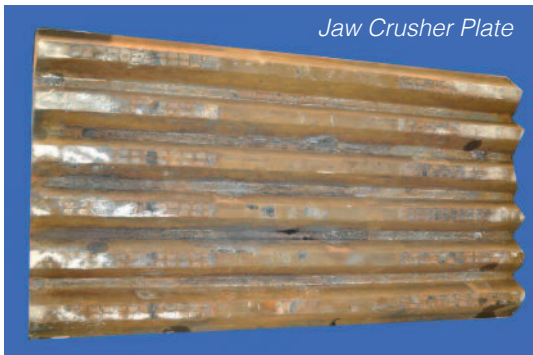


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**TiC Steel-bonded carbide** is a new type of cemented carbide developed on the basis of cemented carbide. Steel-bonded cemented carbide is a steel-based composite material prepared by powder metallurgy using steel as binder and hard compound as hard phase

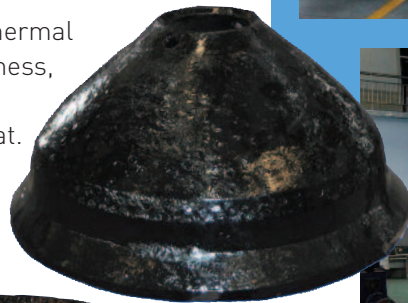
TiC steel bonded hard alloy has **high hardness** (3200HV), **high melting point** (3150°C) and **high temperature stability**, giving it high hardness, good adhesion resistance, wear resistance and heat resistance, etc. The steel bond phase provides process properties such as heat treatment, machining, forging, and welding of the hard alloy. These properties make the alloy widely used in making molds, tools, and wear parts.



*Jaw Crusher Plate*

This material has high hardness, high wear resistance, heat resistance, corrosion resistance and work hardening properties.

Its small density, good thermal conductivity, good toughness, will not be brittle due to quenching or sudden heat. Longer service life than high manganese steel liner.



*Concave and Mantle Liner*



## FEATURES

### TiC Steel-bonded carbide

- high hardness (3200HV)
- high melting point (3150°C)
- high temperature stability
- good adhesion resistance
- corrosion resistance

# TiC Steel-bonded carbide



## APPLICATION

### TiC Steel-bonded carbide

- Crusher Liner
- Chute/Wear Liner
- Jaw Crusher Plate
- Cone Crusher Liner
- Wear Plate

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