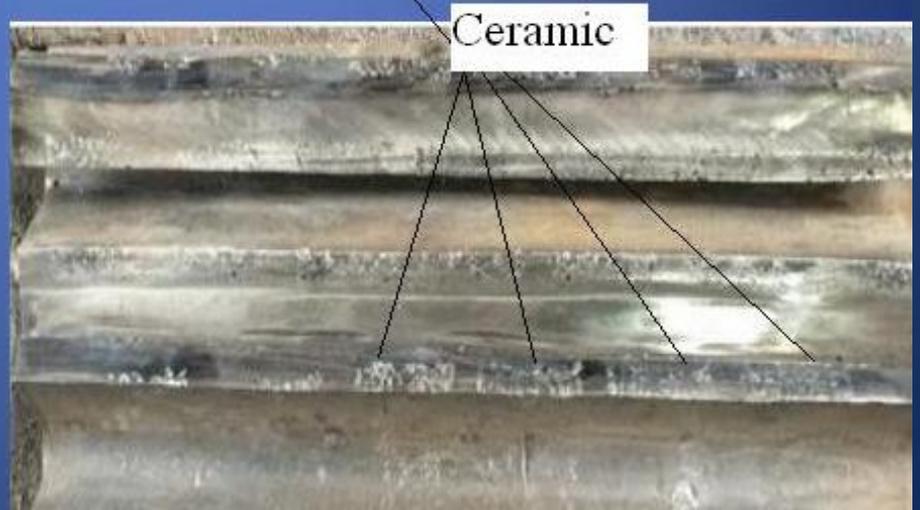


# 高锰钢陶瓷复合鄂碎齿板

## High Mn Steel Matrix ceramic composite jaw plate

DJM chooses high manganese steel as base material of the ceramic composite materials, which is plate basement with high manganese steel and then embed the high wear resistance With stiffener into the basement. Below keeping original work hardening of high manganese steel impact resistance performance and improving wear resistance strength at the same time.



# 高锰钢陶瓷复合鄂破齿板

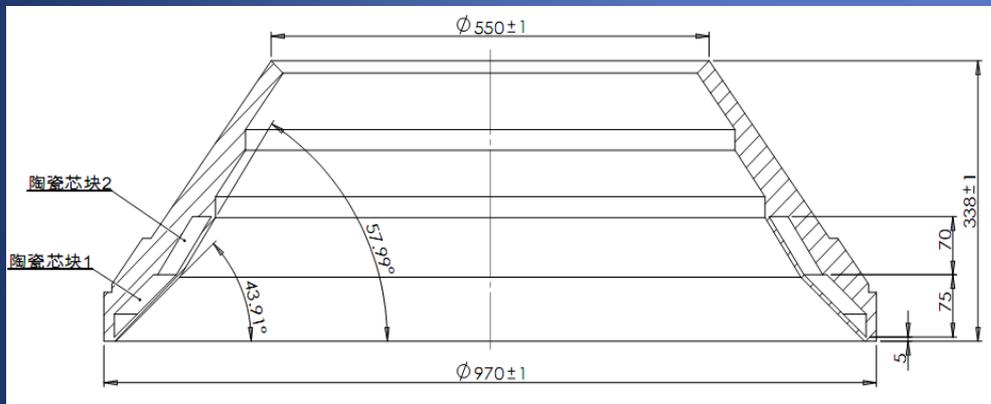
## High Mn Steel Matrix ceramic composite-jaw plate



# 高锰钢陶瓷复合破碎壁/扎臼壁

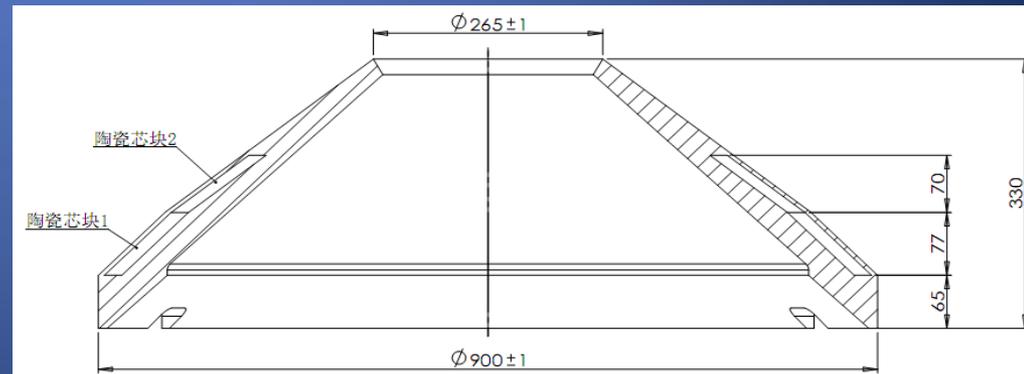
## High Mn Steel Matrix ceramic composite Cone/Mantle

DJM adopts composites of high-manganese steel substrate and ceramic, namely, the base material of the cone and mantle is high Mn steel, while the cast ceramic matrix embedded with high wear resistance shaped ribs, increase the wear resistance ability while maintaining the original impact resistance of high manganese steel.



Ceramic Pellet 1

Ceramic Pellet 2





# 反击破板锤 Blow Bars

- DJM chooses high-chrome cast iron (or martensitic steel) ceramic composite material to make the blow bar: in the high chromium cast iron (or martensitic steel) material embedded ceramic particles on the surface to form ceramic metal composite material layer, the wear resistance of the composite layer can be up to 3 to 4 times higher than the high Cr material, and the thickness of the composite layer can be made 1/3 of the thickness of the original part. Compared with common High Cr, the product life has been greatly improved.

附图-1-1 高 Cr 陶瓷复合板锤外观图

Picture 1-1 external view



附图-1-2 高 Cr 陶瓷复合板锤外观局部放大图

Picture 1-2 partial enlargement of appearance



# 立轴破(制砂机)蹄锤/抛头 Anvil/Shoe hammer of VSI Crusher

附图-2 高 Cr 陶瓷复合蹄形锤头外观图

Picture -2 external view



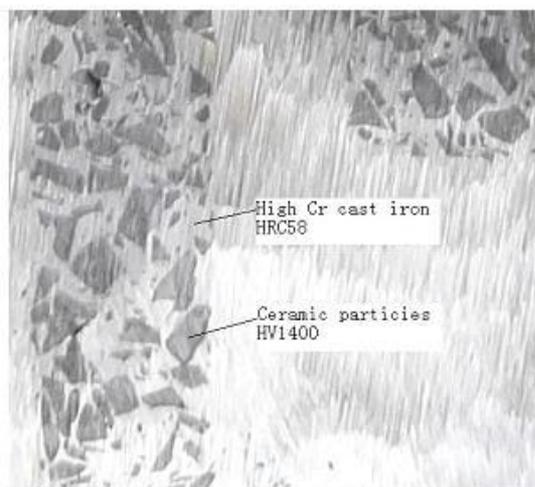
附图-3 高 Cr 陶瓷复合蹄形锤头外观局部放大图

Picture -3 partial enlargement of appearance



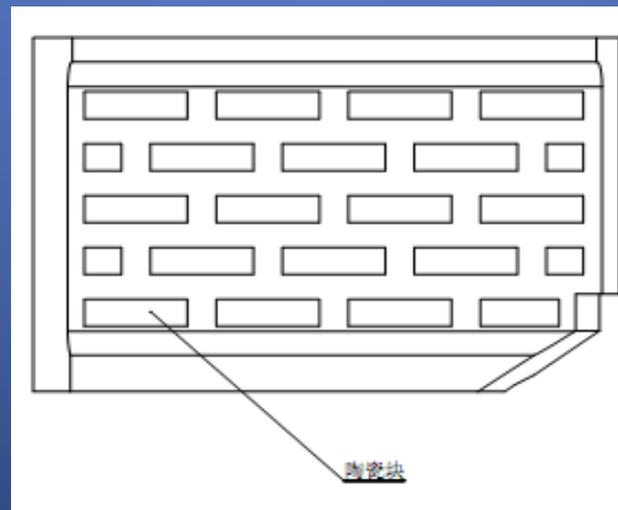
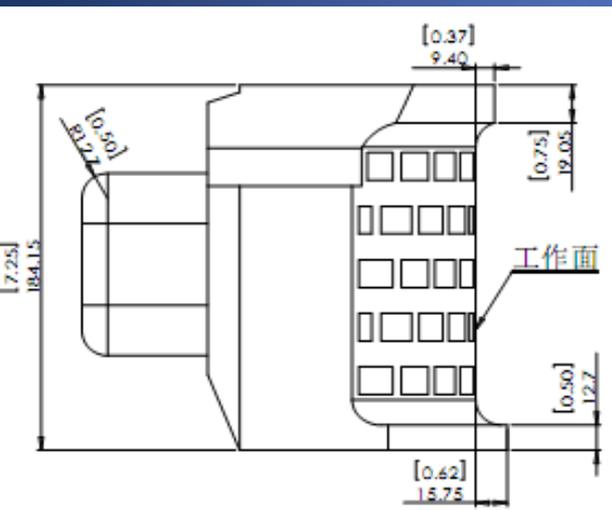
附图-1-4 高 Cr 陶瓷复合蹄形锤头局部解剖图

Picture 1-4 Part sectioned view



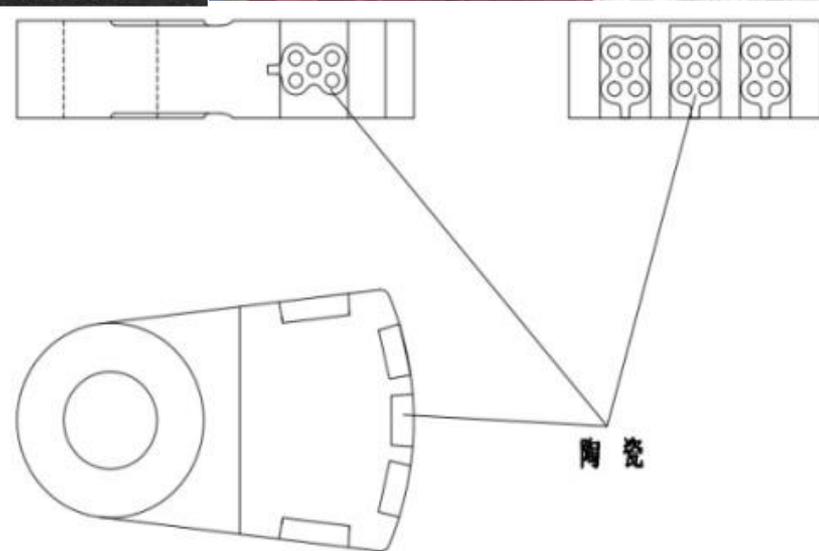
# 立轴破(制砂机)蹄锤/抛头 Anvil/Shoe hammer of VSI Crusher

In order to get a further improvement of the wear life, DJM selects high-Cr cast iron(or martensite steel)ceramic composite materials, which forms the ceramic metal composite reinforcement through injection of ceramic particles into the high-Cr material , the composite layer wear-resisting property is than high Cr material 3-4 times, at the same time, the composite layer thickness can be made to a third of the thickness of the original spare parts. Ceramic composite material blow bar life has been greatly improved.



# 金属陶瓷复合铸造锤头

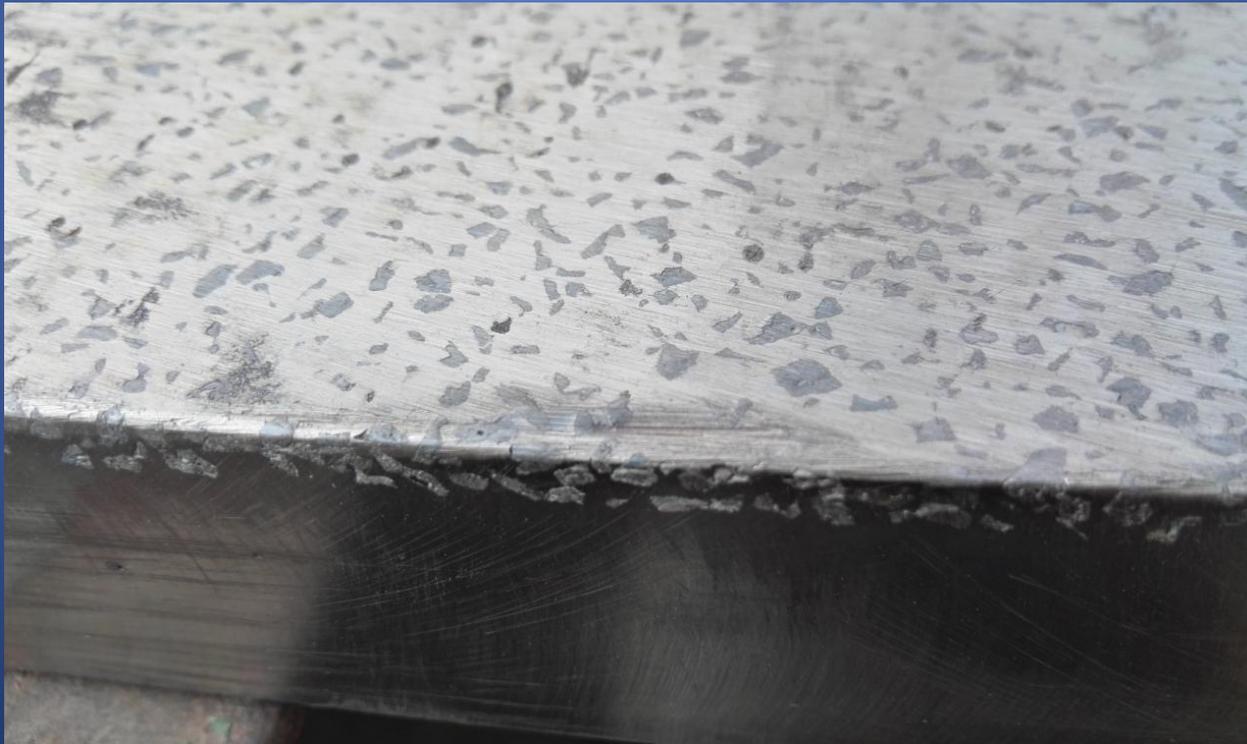
## Metal matrix ceramic composite Hammer



# 陶瓷金属复合板（可焊接全表面陶瓷板）技术介绍

## Martensite steel ceramic composite plate (entire surface ceramic and weldability wear-resistant plate)

Weldability wear-resistant plate is martensite steel and ZTA ceramic composite casting, the product life has been greatly improved. The wear-resistant plate has very good welding performance while bearing high impact. This product is very easy to use. It's easy to be cut and welded on curved surface without pre-heat or after heat treatment. It's easy to be transported as it's very small. It's an ideal small area repairing wear part without too much welding time.



金属陶瓷复合铸造可焊接耐磨条/板(修补焊接用)  
Martensite steel ceramic composite wear parts  
(weldability wear-resistant bar/liner)



# Metal ceramic composite weldable wear-resistant bar/liner instruction

- First, the "V" groove is cut on the surface of the wear plate and slotted at the opposite position to assist in the molding (Figure A)
- And then clean up the welding position, welding the end of the wear plate (according to the welding process) at least 3. (Figure 1)
- Outer arc surface: with soft hammer to beat the end of the wear plate is not welded, so the wear plate and the arc in close contact. (Figure 2)
- Inside the arc surface: with soft flat hammer beat in the middle of the wear plate, so that the wear plate and the arc in close contact. (Figure 3)

