



**Crusher Hammer**

## **A Unique Titanium Carbide Alloy System for Wear-facing against severe Impact & Abrasion**

### **Typical Applications:**

Clinker breaker hammers, blow bars, roller press rolls, cane knives, shovel buckets, shredders, augers, scraper blades, tamping tools etc.

### **Outstanding Features:**

- Finely dispersed titanium carbides in martensitic matrix.
- Crack-free multilayer deposit.
- Consistency in hardness irrespective of number of layers.
- High resistance to impact, pressure & abrasion.
- Ideal for thick, multi-pass, protective coatings.

### **Recommendation:**

Unique Martensitic Ti-C alloy designed for surfacing of carbon steel and manganese steel components, subjected to high impact combined with severe pressure and abrasion in service conditions.

### **Procedure:**

Remove all damaged and fatigued metal and clean the weld area. Maintain short to medium arc length. Use stringer beads to deposit.

### **Recommended Amperages:**

Size (mm)	I - Range
3.15	70-100
4.00	100-130
5.00	120-160

**Hardness:** 52-60 HRC