

CRUSHER WEAR PARTS

SBM Blow Bars

Replacement bars for SBM impactors, cast to drawing or reverse-engineered from a worn sample.



OVERVIEW

Melco produces replacement blow bars for SBM impact crushers used across European and Middle Eastern aggregate operations. The bars are cast to the customer drawing where one is available, and reverse-engineered from a worn sample where it is not.

The alloy is chosen with the customer rather than defaulted. Clean abrasive quarry rock generally points to high chrome; mixed or recycled feed with tramp metal points to manganese or a martensitic grade.

Bars are supplied in weight-matched sets with chemical and hardness certificates for the heat.

APPLICATIONS

- SBM impact crushers, mobile and static
- Quarry aggregate and road base production
- Limestone and hard rock crushing
- Recycling and demolition waste processing

KEY FEATURES

- Cast to drawing or sample - A worn bar is enough to start. The mounting faces give us the original geometry.
- Alloy chosen with you - We discuss the feed and duty before recommending a grade rather than shipping a single default.
- Certificates with every heat - Spectrometer analysis and hardness results supplied as standard.
- Container-ready packing - Palletised, strapped and marked for sea freight without repacking.

MANUFACTURING SPECIFICATION

Parameter	Specification
Moulding	No-bake resin sand and green sand
Melting	Induction furnace, spectrometer-controlled
Piece weight	5 kg - 2,000 kg
Heat treatment	In-house, computer-controlled cycles
Dimensional control	Template and CMM check against drawing
Documentation	Chemical, hardness and dimensional report per heat

MATERIAL GRADES

Grade	Typical composition	Hardness	Suited to
ASTM A532 Cl. II Type B (15Cr-3Mo)	14-18% Cr, 2.5-3.5% Mo, 2.4-3.0% C	58-64 HRC	General high-abrasion impact crushing
ASTM A532 Cl. II Type D (20Cr-Mo)	18-23% Cr, 1.5% Mo max, 2.0-3.3% C	58-63 HRC	Abrasive limestone and secondary duty
Low-alloy martensitic steel	0.3-0.5% C, Cr-Ni-Mo alloyed	45-52 HRC	Mixed impact and abrasion
Martensitic / manganese composite	Hard martensitic face, austenitic Mn body	50 HRC face, tough core	Reinforced concrete and recycling

ENQUIRIES

Send a drawing, a sample or the machine model and we will confirm the fitment, recommend a grade and quote a firm price and delivery date.

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Web: <https://www.wearcastings.com/products/sbm-blow-bars>

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