CRUSHER WEAR PARTS

CONE LINERS

Mantles and concaves in austenitic manganese steel, from 14% up to 24% Mn, matched to your crusher model, setting and rock.

BUILT FOR IMPACT

Cone liners take enormous impact stress. Hadfield-type manganese steel is solution-annealed and water-quenched to keep carbides in solution, so the liner face work-hardens in service while the austenitic core stays tough.

Our metallurgists match the manganese grade to your application. Every part is verified in Calgary by PMI, spectrographic analysis and hardness testing before it ships.

KEY FEATURES

- Mantles, concaves and bowl liners
- Matched to crusher model and rock type
- Reverse-engineered fits from worn liners

SPECIFICATIONS

ALLOY	Austenitic manganese steel (Hadfield-type)
MANGANESE CONTENT	14–24% Mn, matched to application
HEAT TREATMENT	Solution-annealed and water-quenched
FIT	Matched to OEM fit and dimensions
REVERSE ENGINEERING	Creaform 3D scanning and SolidWorks modelling

01 ENGINEER

Application review, wear analysis, alloy and heat-treatment specification.

02 PRODUCE

Made to our specifications by qualified partners or in our Calgary shop.

03 VERIFY

PMI, spectrographic, hardness and dimensional checks in Calgary.

04 SUPPORT

Machining, fabrication, wear-life monitoring and changeout planning.

VERIFIED IN CALGARY

PMI · Spectrographic analysis · Hardness testing · UT / MT / PT · Dimensional / CMM · Full traceability

CERTIFICATIONS

ISO 9001 · CSA W47.1 · COR · APEGA Permit

REQUEST A QUOTE

Send a drawing, part number or worn sample, and we will quote price and lead time.

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Typical data. Specifications are confirmed at quotation for each application.