HIGH-CHROMIUM CASTINGS

CYCLONE COMPONENTS

High-chromium white iron apexes, spigots, vortex finders and liners for classification cyclones.

HOLD THE CUT POINT LONGER

Cyclone apexes and spigots wear quickly in abrasive slurry, and as they open up, classification suffers. HCWI components hold their geometry longer, keeping your cut point stable between changeouts.

Every part is verified in Calgary by PMI, spectrographic analysis and hardness testing before it ships.

KEY FEATURES

- Apexes and spigots
- Vortex finders
- Cyclone liners

SPECIFICATIONS

ALLOY
High-chromium white iron, ASTM A532 Class III Type A

CHROMIUM CONTENT
24–29% Cr

MICROSTRUCTURE
M_7C_3 carbides in a martensitic matrix

FIT
Matched to OEM fit and dimensions

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.