

Abrasion Hardening Steel

Buffalloy has been specifically developed to dramatically extend wear life of replaceable wear surfaces in a wide range of industrial applications.

Features & Benefits:

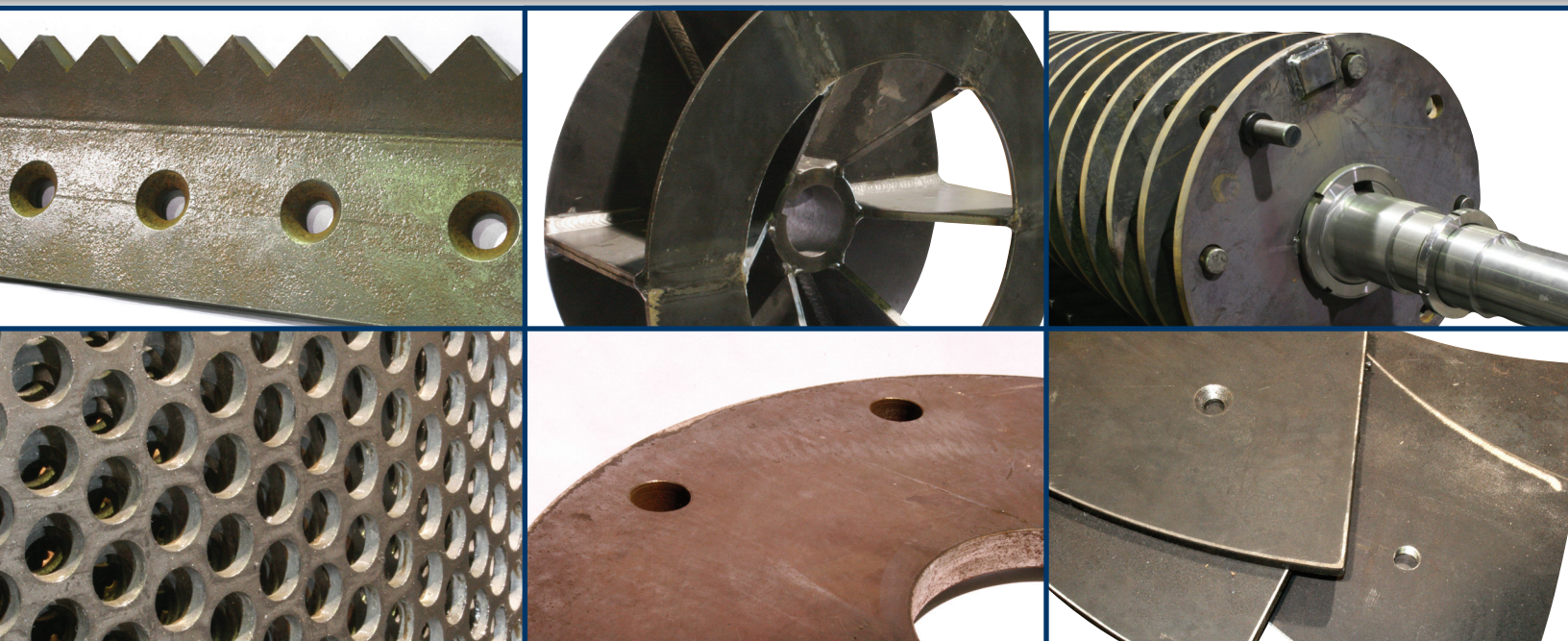
- The longer in use, the harder it gets
- Outperforms industry standard abrasion-resistant steels by up to 600%
- Dramatically reduces downtime
- Consistent hardness throughout – No soft spots
- Easy to machine, form, and weld
- Effective in high temperature applications

Wear-Resistant Material – Ideal For:

- Crushing and grinding equipment
- Replaceable wear surfaces
- Truck bed liners

A Wide Range of Applications:

- Mining
- Quarries
- Asphalt & Cement
- Wood Processing
- Paper & Pulp
- Feed & Grain
- Agricultural Processing
- Much More



Laboratory Tested:

Simultaneous testing* of Buffalloy against the leading abrasion-resistant steels conducted on a highly-abrasive material, pulverized in a sealed hammer mill.

Results show significantly less wear on the Buffalloy hammers.

**Independent testing conducted by Schutte-Buffalo Hammermill, an 80-year-old manufacturer of hammer mills and other grinding equipment, proved the benefits of Buffalloy in highly-abrasive environments. Testing showed that Buffalloy had a 17.2% increased wear life over Hardox 450, and a 24.8% increased wear life over conventional AR-400.*

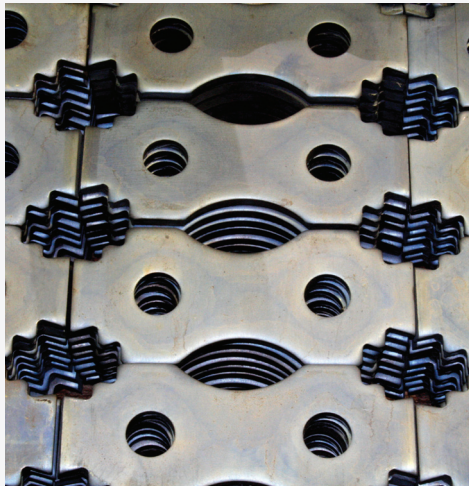


Pictured from left to right: Buffalloy, Hardox 450, AR-400.

"Our hammer rotation went from four days to six weeks after installing Buffalloy hammers, a 600% improvement."

Upstate New York Power Plant

Application: gritty green wood chips and bark



All **Buffalloy** products are precision fabricated to ensure perfect fit.

"The Buffalloy product has lasted just as long as the Hardox 600 in our hammer mill, where it is used as a bar grate for sizing coal. And, because it is available in thinner material, we are able to get more slots for the coal to pass through which has increased our production from 6.8 to over 8 TPH."

**Tom Reed, Plant Manager
American Colloid Co.**

Application: coal

BUFFALLOY

Less wear. Longer life.

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