

# ACEblokCMZ™

**NEW  
PRODUCT**

**The next generation in wear billets, with a newly developed Chrome Molybdenum Zirconia toughened billet, setting a new benchmark in wear and impact resistance!**

Chromium – Molybdenum with Zirconia Toughened Alumina added to the toe of the billet for high a performance abrasion resistant white iron casting, **THE FIRST MAJOR BILLET ADVANCEMENT IN DECADES.**

With the ZTA particles cast onto the leading corner of the billet [the toe], the abrasion resistance can be increased by up to 50% over conventional CrMo billets.

Exceptional performance and wear life of ACEblokCMZ, over conventional white iron billets, extends the service life, reduces maintenance requirements and provides significant cost effective options.



## ACEblokCMZ™

Composition	
Carbon	2.9% - 3.4%
Silicon	0.3% - 1.0%
Manganese	0.5% - 1.2%
Chromium	14.0% - 18.0%
Molybdenum	1.5% - 3.0%
ZTA	Cast into toe
Microstructure	
Bulk Hardness	650-750 HV50
Carbide Hardness	>1200 HV0.5
Volume of Carbides	25% - 30%
Density	7500 kg/m <sup>3</sup>
Billets Dimensions	
Type 1	150 x 299 x 100
Type 2	150 x 222 x 100
Type 3	150 x 146 x 100



## ADVANTAGES

- Significantly longer wear life over conventional white iron billet castings
- High impact resistance
- Lower costs per tonne of ore mined
- Reduced maintenance, labour and downtime costs
- Available in standard and custom configurations

## For Additional Information

Call ACE on +61 8 9303 9944 or email [info@australce.com](mailto:info@australce.com)



**PROTECTING ASSETS  
ENHANCING EFFICIENCY**

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