

BALL VS. ROCK

THE HEAVYWEIGHT CHAMPIONSHIP NEWS LIVE FROM DONHAD

"ROCK LOOKING TO CRUSH HIS OPPONENT"

NY TIMES



ROUND TWO



2009 FOOTY TIPPING COMPETITION

Think you're the office tipping guru? Prove it! Sign up for this year's Donhad Footy Tipping Competition for your chance to win fantastic weekly prizes and a shot at office glory.

Registrations are open now via the website donhad.com.au

Steel Market Update

As the steel industry feels the effects of the world economic downturn, it is not completely correct to assume that Australian steel prices will decline in the same manner as international prices.

Asian Pricing and Production

Certainly, international factors will affect domestic prices, such as Taiwan's largest steel-maker, China Steel, reporting that they plan to reduce their production volume by "at least 1 million [in 2009]" coupled with the reconditioning of another blast furnace and a planned shutdown bought forward to 1Q09.

Global Steel Production Cuts

De-stocking will also play a large role in the price of Australian steel. Broker Citigroup points out that inventory de-stocking continues to accelerate and that prices are currently below the production cost floor. Adding to this problem is a high level of excess inventory held by most steel-makers.

Barclays Capital forecasts that production cuts by steel makers, following a phase of de-stocking, will support price stability and price rises once demand growth returns.

GLOBAL STEEL PRODUCTION CUTS – SNAPSHOT OF RECENTLY REPORTED					
Date in Press	Company	Location	Detail	Product	Annualised (kt)
Dec 8	CSN	US & Europe	Cut 40% off production in US and 60% off production in Portugal.	Flat	
Sept 30	Severstal Wheeling	Nth America	Laying off staff and cutting production.	Flat	730
Sept 30	JSW Steel	India	Down 2,000 tpd to 7,000 tpd in past two weeks.	Flat	
Sept 30	Ispat	India	At least 1,000 tpd cut.	Flat	
Sept 30	Essar Steel	India	At least 1,000 tpd cut.	Flat	
Sept 29	Sahrq Sohar Steel	Oman	Complete production halved, no specifics given.	Flat	
Sept 29	Metinvest	Ukraine	Cut back from 350-370kt pm to 100-150kt pm.	Flat	2820

Long Term Outlook

Christophe Cornier (VP of ArcelorMittal), maintains that consumption in growing markets such as China remains strong. He states that "we are in a big depression but this is not an exceptional time. Good times will come back...the fundamentals in China remain solid and record de-stocking will lead to recovery."

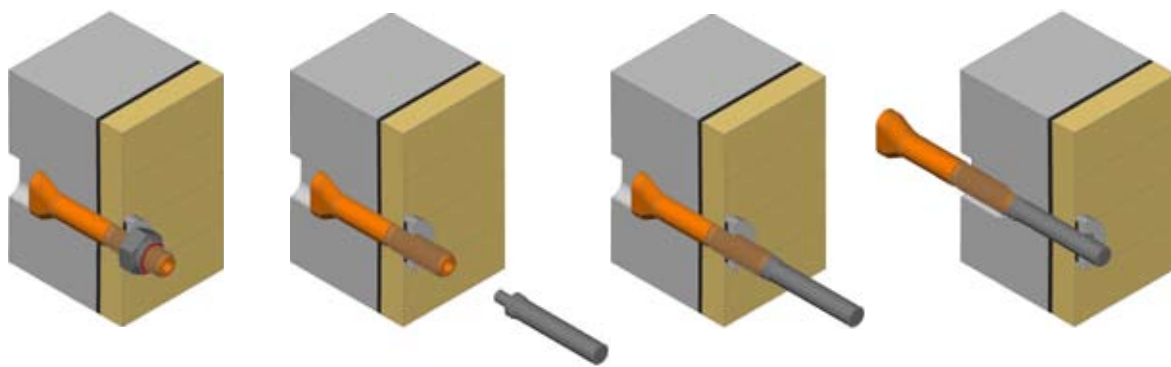
Globally, governments are trying to stimulate economies through enormous fiscal packages including infrastructure spending that will incite demand for long products. This demand, whilst not matching the previous high levels, will spur an increase in steel prices once more.

New Donhad Product – *Easy-OutBolts*

Patented *Easy-OutBolts* are designed to reduce the potential for personal injury, damage to equipment and liner change-out times.

The *Easy-OutBolts* design consists of a standard liner bolt which has been modified to be used in conjunction with a specially designedmoil fitted to any standard hydraulic or pneumatic hammers. Both the *Easy-OutBolts* andmoil are manufactured, designed and supplied by Donhad.

After removing the nut, themoil is inserted into the bolt end. Without the need to remove recessed or seal washers the bolt can be driven out of the liner and completely clear of the mill shell in one movement. Recent trials at a large copper concentrator have shown that bolt removal time was halved by using *Easy-OutBolts*. The positive location between themoil, or drift, and the bolt eliminates the risk of mill damage due to misalignment of hydraulic hammer moils or sledge hammer damage around bolt holes. The use of *Easy-OutBolts* also improves safety by removing the need for a man between the hammer and the mill.



Factors to consider when selecting grinding media

There are many different types of grinding media available. Some media types are best suited for specific grinding applications, however these areas of application often overlap, allowing a choice of more than one type of media for a given grinding application.

The main tools to evaluate grinding media are:

- The knowledge of wear mechanism
- The wear law
- The choice of reliable tests; and
- Correct relationships between wear test data and production.

The consumption of grinding media in the mineral processing industry represents a substantial cost to the comminution process. Second to energy, it is often the next highest consumable cost in the whole of mineral processing.

The cost effectiveness of grinding media is evaluated both in terms of **wear resistance** and **grinding performance**.

Wear resistance is a function of alloy selection and processing, mill operation procedures and mill environment (rod mills, tower mills, etc). A common method of inferring wear resistance is "weight consumption of media versus tons milled (or kWh)."

Grinding performance is a function of factors such as media size selection, shape characteristics and media quality. It is usually measured in terms of throughput, fineness of grinding and size distribution in the product.

It is the combination of a media's wear resistance and grinding performance in relation to its cost, which establishes the true cost effectiveness of the grinding media.

Talk to your local Donhad team about the most cost effective grinding media for your specific application.