

# BRADKEN

## PRODUCT APPLICATIONS

### Bradken's Cast Wear Solutions

Bradken is a leading manufacturer and supplier of cast, forged and consumable products. Bradken has distinguished itself as providing quality wear resistant products to the processing and mining sectors.

Bradken cast wear packages include billets, plates and 'cut to size' liners that can be made to the customers' specification or supplied from our range of stock sizes. This makes it the perfect material for chutes, drop boxes, bin and hopper liners.

The key advantages when considering Bradken's cast wear solutions, are the range of grades, our technical experience and the ability to tailor solutions to suit varied operating environments.

#### Material Specifications

Bradken can manufacture liners in a range of iron and steel grades including:

- NiHard 1, 2 & 4
- 27 Chrome Alloy
- 15/3 White Iron
- 20/1 White Iron

**'Bradken has the experience, knowledge and facilities to design and manufacture a cast solution to meet your wear application.'**



Bradken billets



Cast NiHard lining a spoon chute



White iron lined impact wall

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The benefits of using Bradken's Cast Wear Solutions:

- **Longer wear life:** Bradken Cast Wear Solutions will outlast Q & T steel.
- **Reduced downtime:** Bradken Cast Wear Solutions require less maintenance. This leads to an increase in productivity.
- **Supplied as kit:** Bradken Cast Wear Solutions can be supplied as kit or they can be attached to the hopper, bin or chute at one of Bradken's engineering workshops.
- **Easy to install:** Bradken Cast Wear Solution kits require no field trimming and can be attached by either bolting or studs.
- **Flexibility:** Bradken Cast Wear Liners can be supplied as standard sizes or cut to size. They can be attached with a special liner plate bolt.
- **Adaptability:** Bradken Cast Wear Solutions are proven wear resistant choices that are available in a wide range of grades and thickness to suit a wide range of operating conditions.

Solid Billet



Hollow Billet



Screen house combing Cast Wear Solutions with Duaplate®



Load out chute protected with NiHard liners



Typical chute with liners bolted into place

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