GET & BUCKETS

BLADE AND RIPPER PRODUCTS

Our Innovation. Your Advantage.

BRADKEN

OUR GLOBAL BUSINESS

Bradken is a global supplier of differentiated products for the resources, freight rail and energy markets. With more than 90 years experience in the foundry business, our wealth of knowledge enables us to design, manufacture and maintain innovative products for improved operational outcomes and safer work practices.

Bradken has been manufacturing Ground Engaging Tools (GET) and buckets for the Australian, New Zealand and Papua New Guinea markets for more than 55 years and we are committed to the production of high quality, differentiated products for the global mining and construction industry.

Our mining sector product lines consists of:

Undercarriage Components

Bradken offers a full range of undercarriage componentry that is sold to original equipment manufacturers and mining operations globally. Our products include crawler shoes, sprockets, idlers and rollers for mining class electric shovels and hydraulic excavators.

Ground Engaging Tools (GET) and Buckets

Bradken produces a series of comprehensive ground engaging tools (GET), associated wear parts, buckets and dragline rigging components to fit front-end loaders, hydraulic excavators and dragline machines. With a number of fabrication and maintenance workshops in key mining regions, we are well equipped to provide comprehensive aftermarket support.

Mineral Processing

Bradken offers high quality mill and crusher products for the mineral processing and quarrying industries as well as complete wear liner solutions to increase performance and lower operational costs.

Fixed Plant

Bradken's wear solutions are tailored to meet specific wear environments for the protection of fixed and mobile plant equipment, including clad plate, bimetallic, ceramic and chrome wear products. Our extensive range of products ensures a perfect fit can be tailor made for your wear application.

We are a leading manufacturer of differentiated wear products and are well equipped to support your site with the Bradken 'Advantage'.

ADVANTAGE

Bradken has been servicing the Australian market for more than 55 years, supporting and responding to the demands of the growing mining industry.

As we continue to broaden our global presence, our already comprehensive range of services will continue to expand.

Your mine site can count on Bradken to provide*:

- Design and Engineering Resources
- Refurbishment Facilities
- On-site Part Monitoring
- Distribution Networks

**Contact your local Bradken representative or request a copy of the 'Advantage' flyer for further information on services that are offered in your region.*

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Scarifiers and Shanks

Bradkens range of scarifier points and shanks have been designed and engineered to provide improved wear characteristics and wear rates, compared to competitiors product offerings.

Ripper Points

Product	Part No.	Machine	Size	Attributes
	BKS2000		12G ⇓ 24M	Universal general duty
	BKS2009		12G ⇓ 24M	Heavy Duty
	BKS2001		12G ⇓ 24M	Centreline
	BKS2002		12G ⇓ 24M	Below Centreline

KEY — Grader

12G | 12H | 12M | 14G | 14H | 14M | 16G | 16H | 16M | 24G | 24H | 24M

Features	Advantages	Benefits
Material distributed where required	Additional wear material	Increased wear life
Design to suit ESCO® DRP point style	Increased wear life Reduced required inventory	Reduction in overhead costs
Centreline and Below Centreline point styles	points to suit a great range of digging conditions	Improved machine efficiency with reduced down time

Bradken Ripper Points

Bradken's range of ripper points have been designed and engineered to provide improved wear characteristics and wear rates compared to competitor's product offerings.

Bradken's point profiles are designed to improve the ripping characteristics and increase effectiveness when ripping rock and compacted materials..

Bradken can also design site specific points to suit your digging conditions. Your local Bradken representative can talk to you about customising products for your site's needs.

Features	Advantages	Benefits
Point retention	Minimal point movement that reduces fit wear	Reduced maintenance Reduced downtime costs
Penetration profile	Improved wear life	Reduced operating costs Reduced downtime costs
Bradken superior materials	Wear resistance and strength properties	Reduced downtime costs

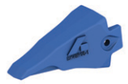
DRP Ripper Points & Shrouds

Bradken manufacture a range of CAT®, ESCO® and Komatsu® DRP ripper points and ESCO and CAT DRP shrouds to suit existing fitments at your mine site. The points are cast in Bradken superior materials, ensuring improved wear resistance and strength properties when ripping the grounds surface.

The point designs are available in centreline, below centreline, reversible and self sharpening, to ensure there is a design to suit your site requirements. The points are highly economical and have the added option of having hard facing applied to increase the wear life.

Features	Advantages	Benefits
Bradken superior materials	Wear resistance and strength properties	Reduced downtime costs

Ripper Points

Product	Part No.	Machine	Size	Attributes
	BK49R18-1		D10	Below centreline HD Penetration Short point
	BK49R19		D10	Centreline Strength/long wear Intermediate point Self Sharpening
	BK49R19P		D10	Centreline Penetration Slim line Intermediate point
	BK49R21		D10	Centreline Strength/long wear Long point
	BK59-5R22VA		D11	Below centreline Penetration Abrasion Intermediate point
	BK59-5R25HDP		D11	Centreline Strength/long wear Heavy duty Long point
	BK4T4502		D10 D10N/R D10T D9L	Centreline Strength/long wear Intermediate point
	BK4T4503		D10 D10N/R D10T D9L	Centreline Strength/long wear Long point
	BK4T5501		D10 D10N/R D10T D9L	Below centreline Penetration Short point
	BK4T5502		D10 D10N/R D10T D9L	Below centreline Penetration Intermediate point
	BK4T5503		D10 D10N/R D10T D9L	Below centreline Penetration Long Point
	BK9W4551		D11	Centreline Strength/long wear Short point

Ripper Points

Product	Part No.	Machine	Size	Attributes
	BK195-78-21331		D275A-2 D355A-3 D455A-1	Centreline Penetration
	BK195-78-71320		D375A-1 D375A-2	Below centreline Penetration
	BK198-78-21340		D475A-1 D475A-2	Below centreline Penetration

Ripper Shrouds

Product	Part No.	Machine	Size	Attributes
	BK49RSL		D10	Optimised design Superior Bradken alloys
	BK59-5RSHL		D11	Optimised design Superior Bradken alloys
	BK59-5RSXL		D11	Optimised design Superior Bradken alloys Additional wear
	BK1U3644		D10 D10N/R D10T D9L	Superior Bradken alloys
	BK6Y8960		D10 D10N/R D10T D9L	Superior Bradken alloys
	BK9W8365		D10 D10N/R D10T D9L	Superior Bradken alloys
	BK9W8365A		D10 D10N/R D10T D9L	Superior Bradken alloys Extended length Extra wear protection
	BK9N4621		D11	Superior Bradken alloys

KEY Dozer

D10 | D10N | D10R | D10T | D9L | D11

RIPPER POINTS & SHROUDS

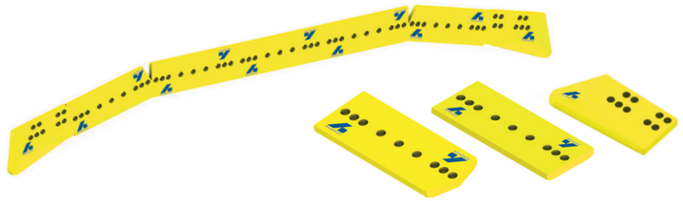
Bradken Blades

Dozer

Bradken dozer blades offer a complete product line of edges for all makes and models, from the smallest utility class up to the most current mining series machines.

Bradken blades have been designed and engineered to suit your specific applications and can be manufactured to suit your specific site requirements.

Blades are available in standard, heavy-duty and extra heavy-duty alloys along with Bradken's Quadra™ hardfacing option.



Loader

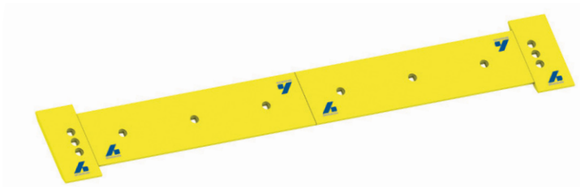
Bradken offers a complete line of weld-on blades, in both straight and arrowhead profiles for the replacement of worn or cracked edges or when buckets are being rebuilt.

Bradken Loader blades are available in:

Hi Carbon Steel - this is non-heat treated and designed for use in high abrasion, low impact general purpose applications

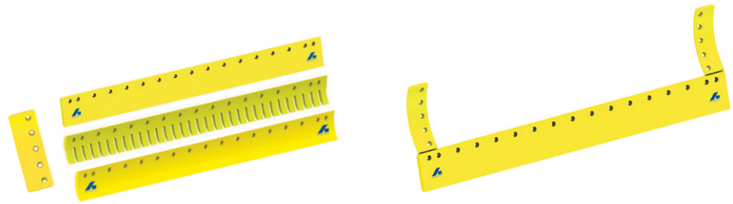
Boron Steel - this alloy is through-hardened and heat-treated steel used in high impact, high wear site applications.

Bradken supplies weld-on edges, bolt-on edges, segments, skid and wear plates and side cutters as part of its loader blades product offering.



Grader

Bradken grader blades offer an option for every make and model machine with their complete line of curved double bevel (CDB) cutting edges. The blades are recommended for use in low impact conditions with serrated grader blades available when working in hard packed ground conditions.

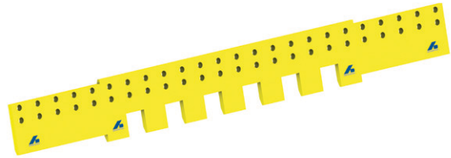


Scraper

Bradken scraper blades offer a complete product line of edges for all makes and models.

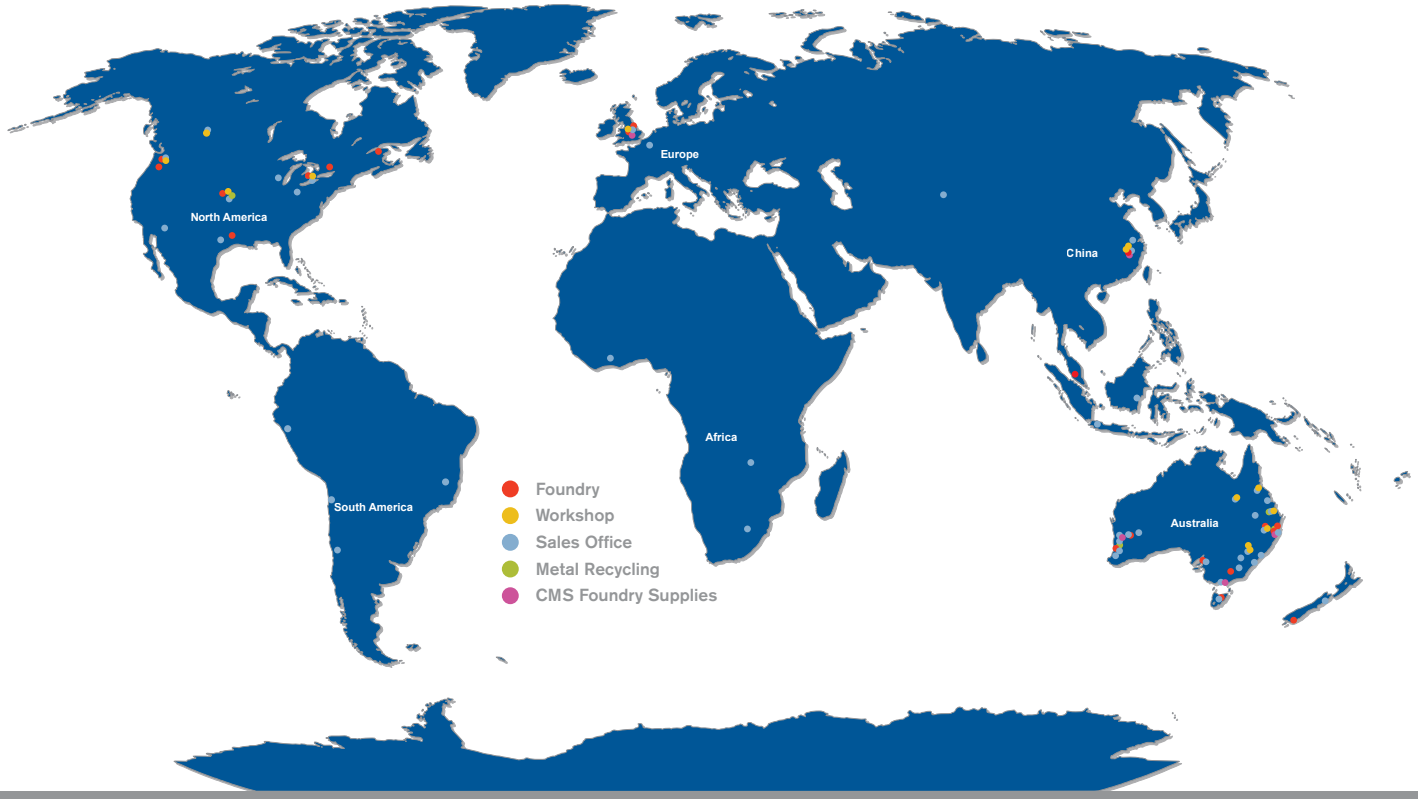
Scraper Blades are available in standard, heavy-duty and extra heavy-duty alloys along with Bradken's Quadra hardfacing option.

The heavy-duty and extra heavy-duty cutting edges provide reduced operating costs, reduced maintenance costs and have superior wear properties compared to the standard cutting edges available from competitors.



If Bradken's current range of blades doesn't suit your site requirements, contact your local Bradken representative that can discuss custom blade options with you.

Features	Advantages	Benefits
Selection of Hi-Carbon and Boron Steel alloys	Suit site conditions	Increase production Reduce operating costs Reduce downtime
Quadra hard facing	Increased product life	Increase production Reduce operating costs Reduce downtime
Variety of blades to suit all popular makes and models	Suits all digging conditions	Improves Machine Efficiency
Precision punched holes	Direct fitment without the need for modification	Reduced downtime



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