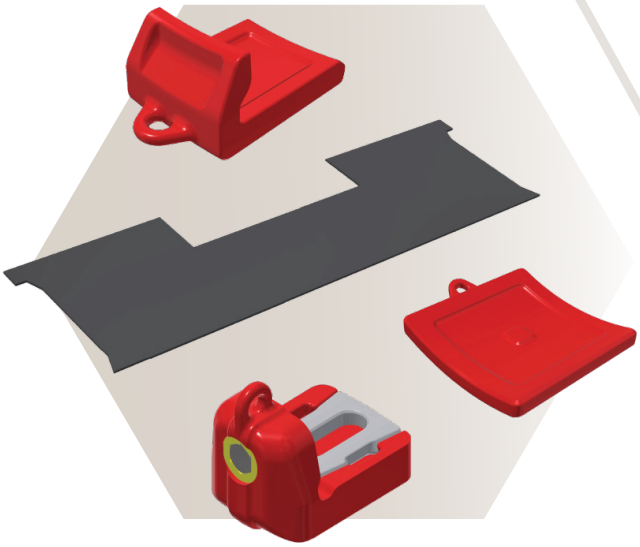
KEECH

BUCKET PROTECTION



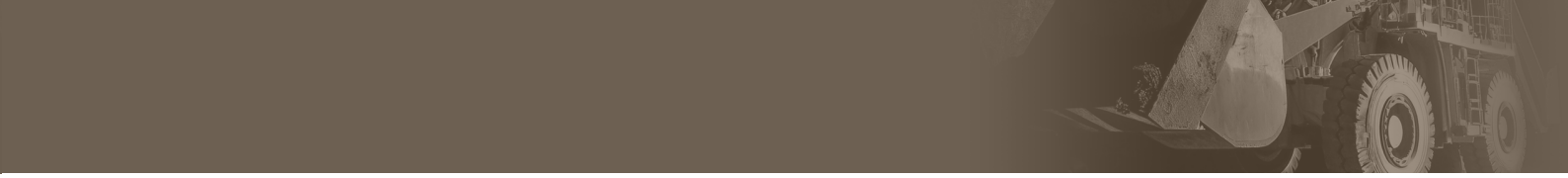
Environmental Management · ISO 14001
Quality Management · ISO 9001
OHS Management · AS/NZS 4801
GlobalMark.com.au®

DERWENT
BENDIGO
MANUFACTURING

DESIGNED AND MADE IN AUSTRALIA
FOR THE TOUGHEST WORK IN EARTH

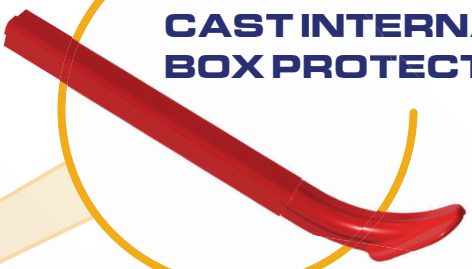
COMPONENTS OVERVIEW

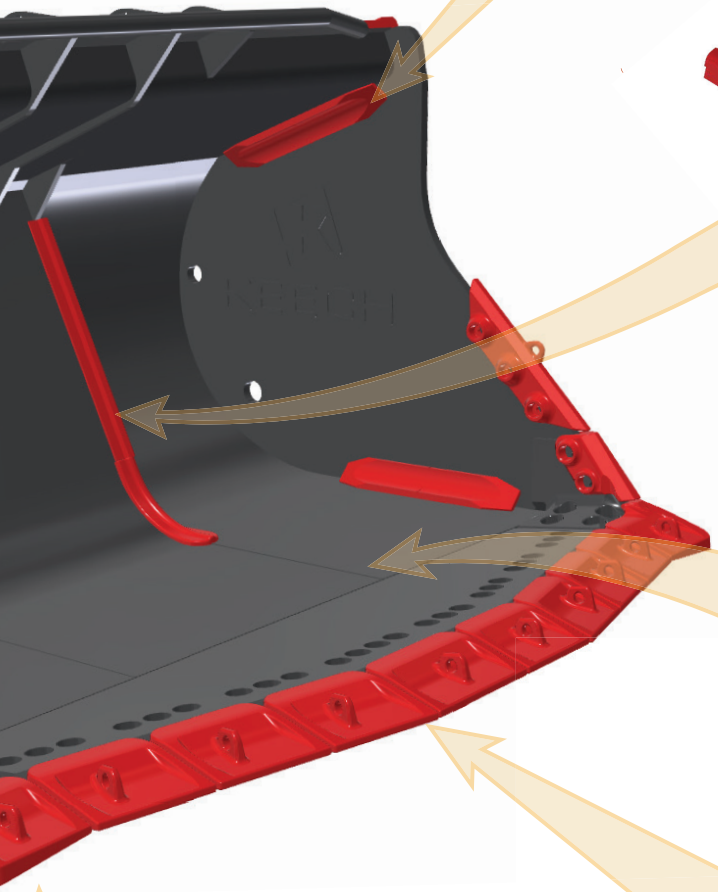
® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

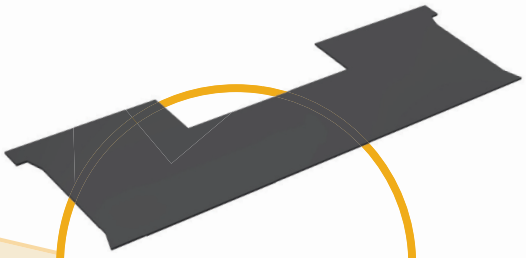


STRUCTURAL CAST BUCKET GUSSET

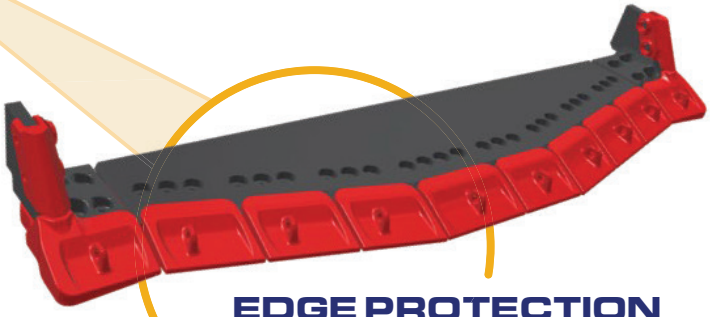
CAST INTERNAL BOX PROTECTORS







INTERNAL LINER PACKAGES



EDGE PROTECTION SYSTEMS

UNDER BUCKET PROTECTION PACKAGES

® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

BUCKET PROTECTION

THE KEECH BUCKET PROTECTION RANGE WILL KEEP YOUR BUCKETS IN WORKING CONDITION FOR YEARS TO COME

Keech Australia's bucket protection range is designed to protect all types of OEM buckets from the abrasive conditions of underground and open pit mining.

The Keech bucket protection range is a proven performer from the Keech Innovation and Quality Centre - where our technical experts focus on customer challenges and develop innovative solutions.

Keech mechanical side cutters, heel shrouds, pads and blades combine with internal gussets and box protectors to provide an all over bucket protection package.

Keech Australia's materials and technical engineers, scientists, innovators, patternmakers and QA specialists work together on world-class projects for our global customers in mining, defence, transport and agriculture.

From better mining buckets to cutting edge ground engaging tools and wear components, we continue to innovate from the ground up.

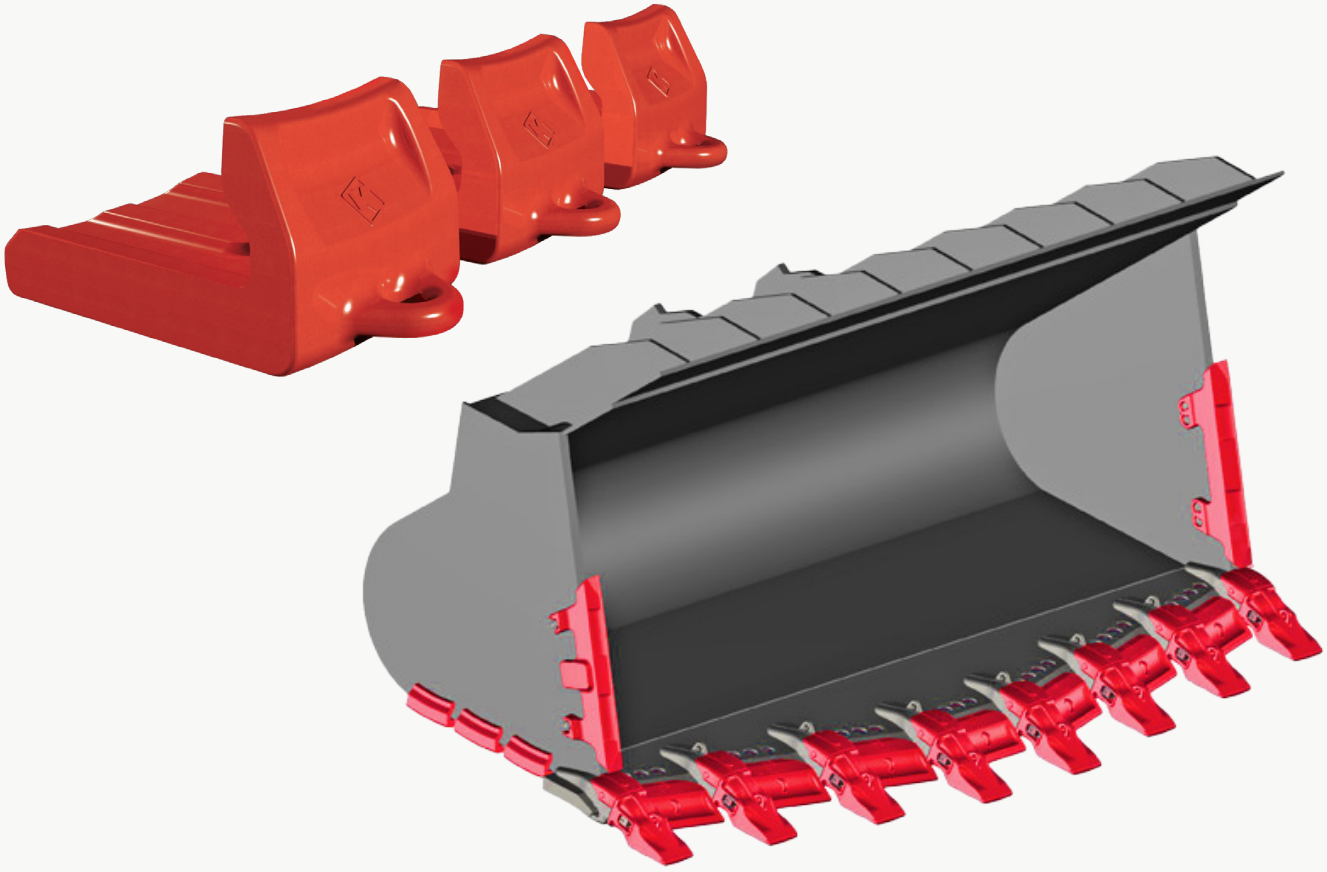
LEAVE NO STONE UNTURNED

Underground LHDs, surface loaders and excavator buckets alike will benefit from the Keech range. All parts come in a range of configurations and sizes to suit any application.

Our innovative design ensures maximum performance, with all wear parts designed so that individual wear parts can be replaced as needed, eliminating the need to replace the entire system in one go.

SAVES YOU TIME AND MONEY

The mechanical components have been designed to ensure quick and easy replacement with no time consuming welding needed at changeout.



® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

KEEPING YOU DIGGING FOR LONGER

A RANGE OF SOLUTIONS FOR EVERY APPLICATION

HEEL SHROUDS

- Strengthens and protects high wear corner edges on excavator and LHD buckets.
- Suitable for machines ranging in size from 20 to 800 tonnes.
- Manufactured from Keech alloy steel to ensure wear and impact resistance.

HEEL PADS

- Low profile.
- Various radii available.
- Additional protection where it is most needed.

MECHANICAL SIDE CUTTERS

- Comprises a weld-on adapter that is integrated into the sidewall of the bucket.
- Can be fitted to any bucket system.
- Weld on and bolt on sidecutters.

EXTERNAL WEARPLATE

- Customised packages available.

INTERNAL STRUCTURAL CAST BUCKET GUSSET

- Strengthens the bucket.
- Customised to each bucket.
- Structural component that can also be used in high wear areas.

CAST INTERNAL BOX PROTECTORS

- Protection from impact and high wear.
- Customised fit.

LINER PLATE

- Protection from impact and high wear.
- Customised fit.

WHY CHOOSE KEECH FOR BUCKET PROTECTION?

Our bucket protection solutions are designed to be safely and simply installed on site by our customers. This means less down time and greater efficiency.

KEECH SYSTEMS ARE ENGINEERED TO LAST.

Our mine solutions are designed with the end-user in mind and we see ourselves as a true solutions provider to the mining industry.

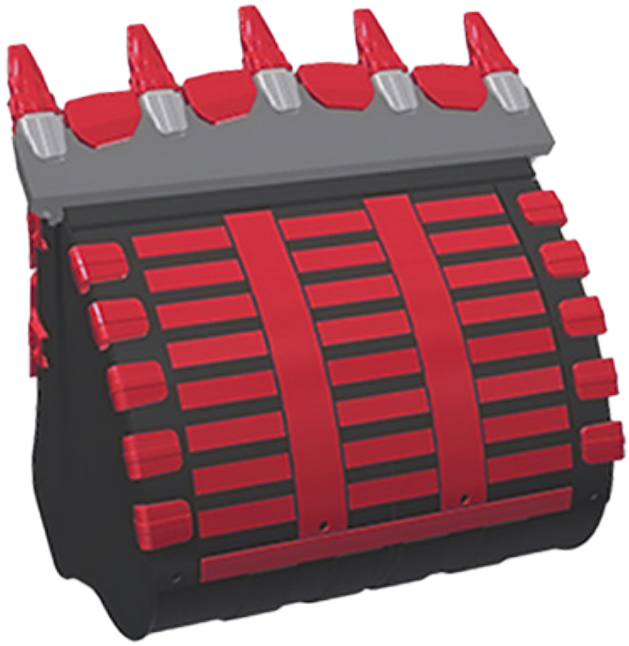
FEATURE	KEECH GET	COMPETITORS
Dynamic Profile	✓	
Stay Sharp feature	✓	
Light weight	✓	
Superior Steel	✓	
Hammerless	✓	✓
Safe and quick changeout time	✓	
Customised solution to meet customer demand	✓	
Flexibility in design	✓	
Integrated slide on wear cap	✓	✓
Product validated through destructive tests	✓	

® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

KEECH

KEEPLATE™

Keech Keeplate™ is the ideal solution for minimizing wear in corrosion / abrasion applications. Keeplate™ has been proven to prolong the lifespan of dump truck trays, the buckets and blades of mining equipment, dozer mouldboards, skid plates, high speed chutes and many other end uses. Manufactured from chromium carbide overlay on a 250 grade steel base, Keech Keeplate™ is available in three grades, making it suitable for use in both heavy and low impact environments.



FEATURES

- Equilibrated seat ensures stable outlet pressure even with sudden and varying inlet pressure changes.
- DRV incorporates cleanable strainer and barrel union ends.
- Pressure gauage port for setting.
- High flow ra tes.
- Low noise level of less than 20 decibels.

AVAILABLE GRADES

- Standard grades include:
- Keeplate™ 600 – Ideal for moderate abrasion, heavy impact environments.
- Keeplate™ 700 – Recommended for severe wear areas in moderate impact environments.
- Keeplate™ 800 – Suitable for extreme abrasion, low impact environments.
- *(Keeplate™ is available in standard sheet sizes or can be supplied cut and fabricated to size for specific applications. Contact your local Keech Representative for information on Keech Keeplate™ cutting and fabrication service.)*

TECHNICAL DATA

Size Range	DN15 - DN50
Max. Upstream Pressure	25 Bar
Downstream Pressure (Outlet)	1.5 - 6 Bar
Connections	DRV barrel unions BSP DRV/E BSPF
Downstream Pressure Adjustment (setting screw)	Increase pressure (clockwise rotation) Decrease pressure (anti-clockwise rotation)
Maximum Operating Temperature	30°C

For more information about our range of products, call 1300 453 324 or visit www.derwentindustries.com.au

® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

SURFACE & UNDERGROUND G.E.T

STANDARD GRADES AND SHEET SIZES

GRADE	THICKNESS	SHEET SIZE (mm x mm)	NOMINAL THICKNESS	WEIGHT (per square metre)
Keeplate™ 600	4/6	2667 x 1125	10.0 mm	79 kg
	6/6	2667 x 1125	12.0 mm	94 kg
	7/8	2667 x 1125	15.0 mm	118 kg
	8/8	2667 x 1125	16.0 mm	125 kg
	8/10	2667 x 1125	18.0 mm	148 kg
	12/12	2667 x 1092	24.0 mm	187 kg
	10/10	2667 x 1092	20.0 mm	161 kg
	20/10	2667 x 1067	30.0 mm	240 kg
Keeplate™ 700	4/5	2667 x 1125	9.0 mm	75 kg
	6/7	2667 x 1092	13.0 mm	108 kg
	8/11	2667 x 1092	19.0 mm	153 kg
Keeplate™ 800	7/7	2667 x 1092	14.0 mm	110 kg
	9/11	2667 x 1092	20.0 mm	157 kg

Other thickness of overlay and base plate subject to enquiry.

TYPICAL PLATE ANALYSIS AND HARDNESS

GRADE	CARBON	CHROMIUM	OTHER	ROCKWELL C HARDNESS
Keeplate™ 600	3.9%	35.0%	2.5%	57 – 60
Keeplate™ 700	5.1%	41.0%	1.5%	60 – 67
Keeplate™ 800	30.0%	8.0%	64 plus	110 kg

For more information about our range of products, call 1300 453 324 or visit www.derwentindustries.com.au

Quality Management · ISO 9001
Global-Mark.com.au®

® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

PARTS GUIDE

SERIES	PART	PART NUMBER	WEIGHT
Mechanical Heel Shroud Assembly	Mechanical Heel Shroud	KC2045MHS	29kg
	Mechanical Heel Shroud Adapter	KC2045MHSA	5kg
	Wedge Nut Assembly	KWNA114-50	
Bucket Heel Shrouds	Heel shroud curved	WN188BHS-715	26kg
	Heel shroud flat	WN188BHS	26kg
	Heel shroud flat	KC168BHS	17kg
	Heel shroud curved	KC170BHS	8kg
	Heel shroud curved	KC170BHS-HD	11kg
	Heel shroud curved	KC188BHS	22kg
	Heel shroud flat	KC200BHS	19kg
	Heel shroud curved	KC250BHS	41kg
	Heel shroud curved	KC250BHS-HD	78kg
	Heel shroud curved	KC300BHS	24kg
	Heel shroud curved	KC350BHS	47kg
	Heel shroud	KC400BHS	43kg
	Heel shroud flat (Trimmable to length)	KC900BHS	22kg
Wing Shrouds		KWS70-800	100kg
		KWS80-800	105kg
		KWS120-760	137kg
		KWS120-1000	168kg
Shroud Adapter		KSA004	3.6kg
		KSA005	16.8kg
Sidecutters		SC700-40	49kg
		SC850-50	86kg
		SC1000-60	105kg
		SC800-70	87kg
		SC850-80	110kg
		SC850-100	125kg
		SC940-100LH	131kg
		SC940-100RH	131kg
Sidecutter (low profile underground)	Sidecutter (bolt on) Assembly	SCB40-700BA	27kg
	Adapter (weld on)	SCA40-175	7kg
Box Corner Liners	Corner Liners Left / Right	CL2900L	12kg
		CL2900R	12kg
		CL3000L	12kg
		CL3000R	12kg
	Corner Liner Top	CL3000T	11kg
Bucket Gussetts		370BG	11kg
		500BG	17kg
Bucket Heel Pads		KC400-715BHP	46kg
		KC400-565BHP	47kg
		KC400-850BHP	47kg

DERWENT BENDIGO MANUFACTURING

KEECH

CONTACT INFORMATION

30-46 Powell Street
Bendigo Victoria 3550
Email: orders.bendigo@derwentindustries.com.au
Web: www.derwentindustries.com.au/keech
Phone: +61 (3) 5443 8233

® Copyright by Derwent Industries Pty Ltd Derwent Industries reserves the right to change product designs and specifications without notice E & O.E

Conditions specific to individual sites mean performance of field installed products will vary. Installation procedures, operating conditions, material conditions, wear and tear, and maintenance will affect performance and are considered factors outside the control of Keech Australia © All rights reserved.
Information correct as at 27 August 2025