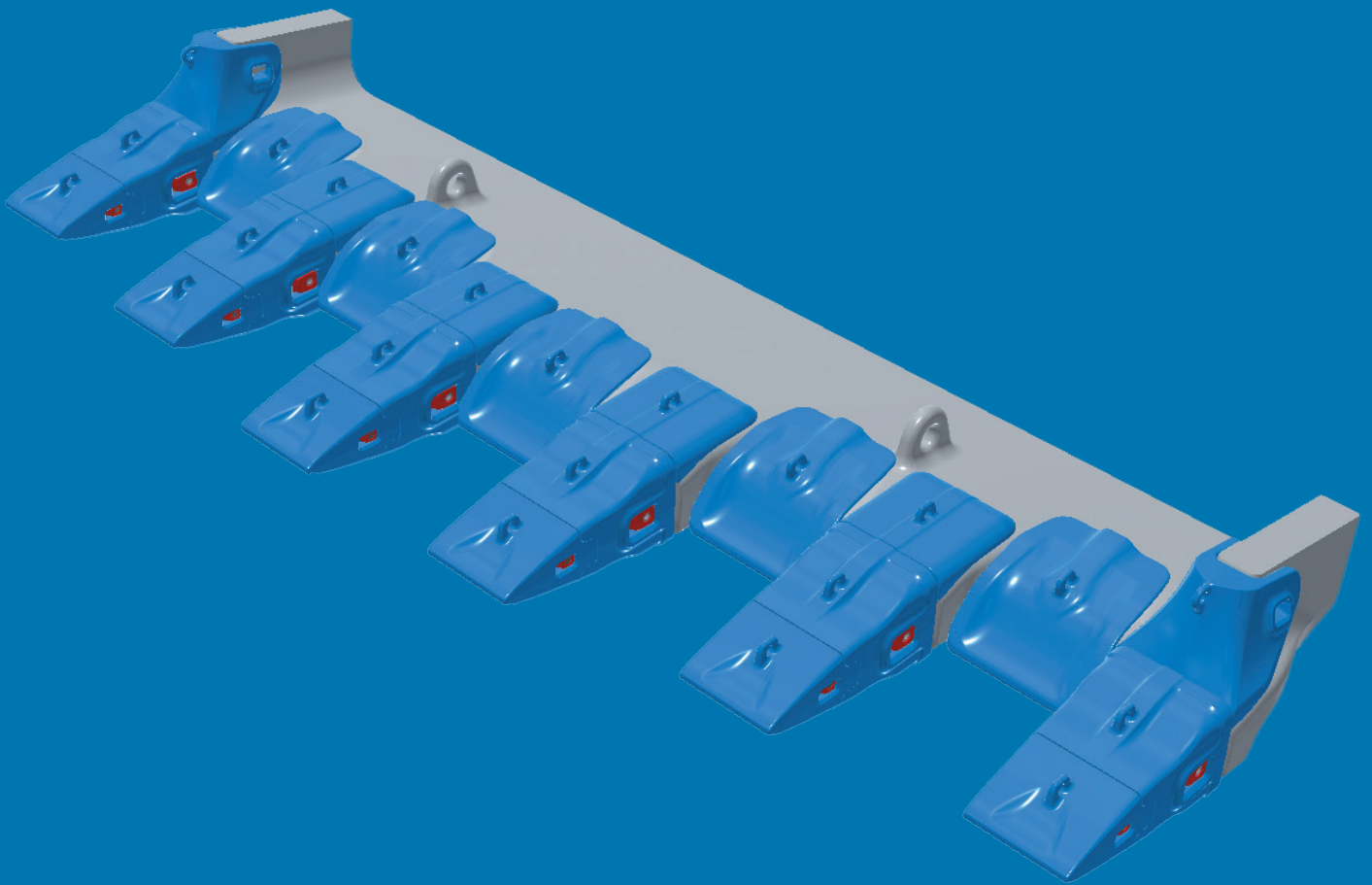

KOBRA™

Cast Lip System



JANUARY 2021



**Product
Information
Brochure**

Keech innovation

Keech KOBRA™ is the latest development from the Keech Innovation and Quality Centre - where people, creative thoughts and a focus on customer challenges combine to develop innovative solutions.

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.

DESIGNED AND MADE IN AUSTRALIA FOR THE TOUGHEST WORK ON EARTH

Introduction

- Evolution of Keech Gen4 Cast Lip
- Field tested and validated
- To suit 350t – 800t excavators
- Designed and manufactured in Australia

Evolution of gen4 cast lip

- 15% reduction in peak stress
- 10% reduction in mass
- Improved digging profile
- Integrated wear cap
- Greater lip coverage
- More aggressive spade angle

Benchmarking

- Integrated wear cap standard
- Lower wing shroud standard
- Improved lip coverage
- 10° spade angle



KOBRA™ 800T					
MACHINES		Komatsu PC8000 Hitachi EX800 CAT 6090	Terex RH400 Liebherr R996/ R9800		
LIP	NOSE	STATIONS	WIDTH	MASS	STYLE
KCL5100-690	690	6	5100mm	15.7t*	Face Shovel
KCL4300-690	690	6	4300mm	13.1t*	Back Hoe

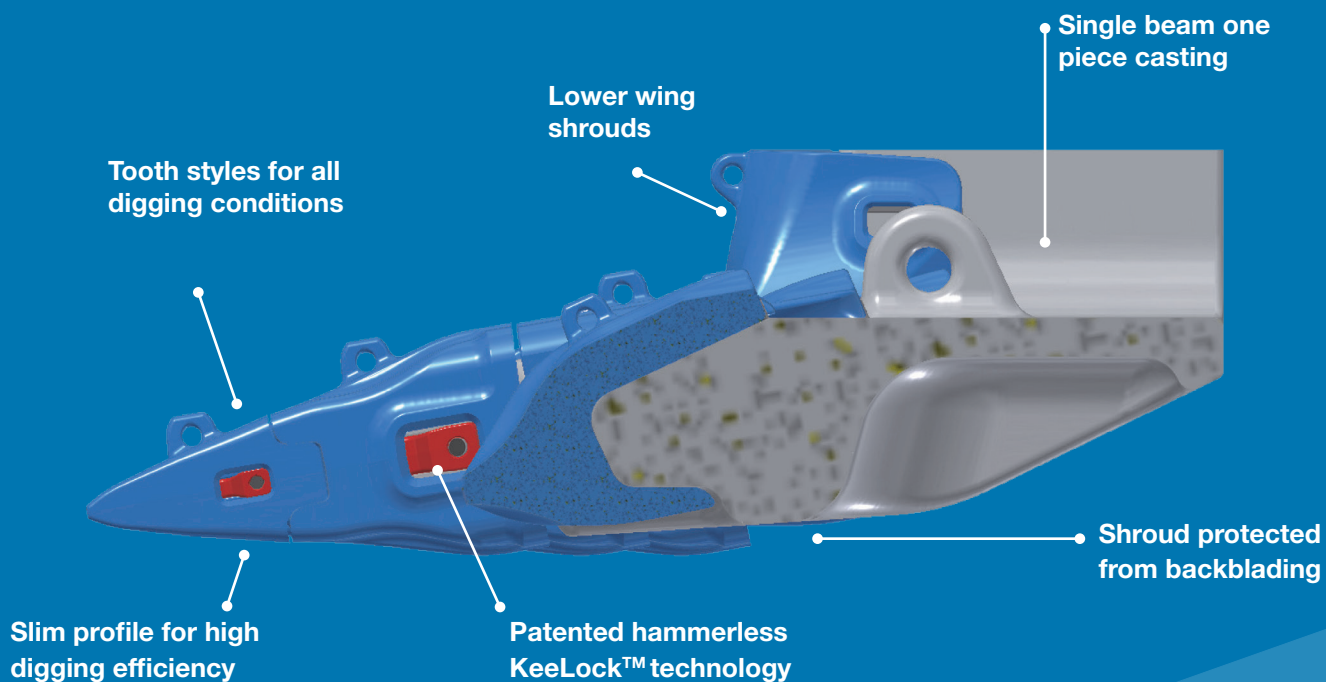
KOBRA™ 500T					
MACHINES		Komatsu PC5500 Hitachi EX5600 CAT 6060/6050	Terex RH340/ RH200 Liebherr R995		
LIP	NOSE	STATIONS	WIDTH	MASS	STYLE
KCL4300-680	680	6	4300mm	10.3t*	Back Hoe
KCL3750-680	680	5	3750mm	8.8t*	Face Shovel

KOBRA™ 350T					
MACHINES		Komatsu PC4000 Hitachi EX3600 CAT 6040	Terex RH170 Liebherr R9400/ R9350		
LIP	NOSE	STATIONS	WIDTH	MASS	STYLE
Coming Soon					Face Shovel
KCL3560-670	670	6	3560mm	6.0t*	Back Hoe

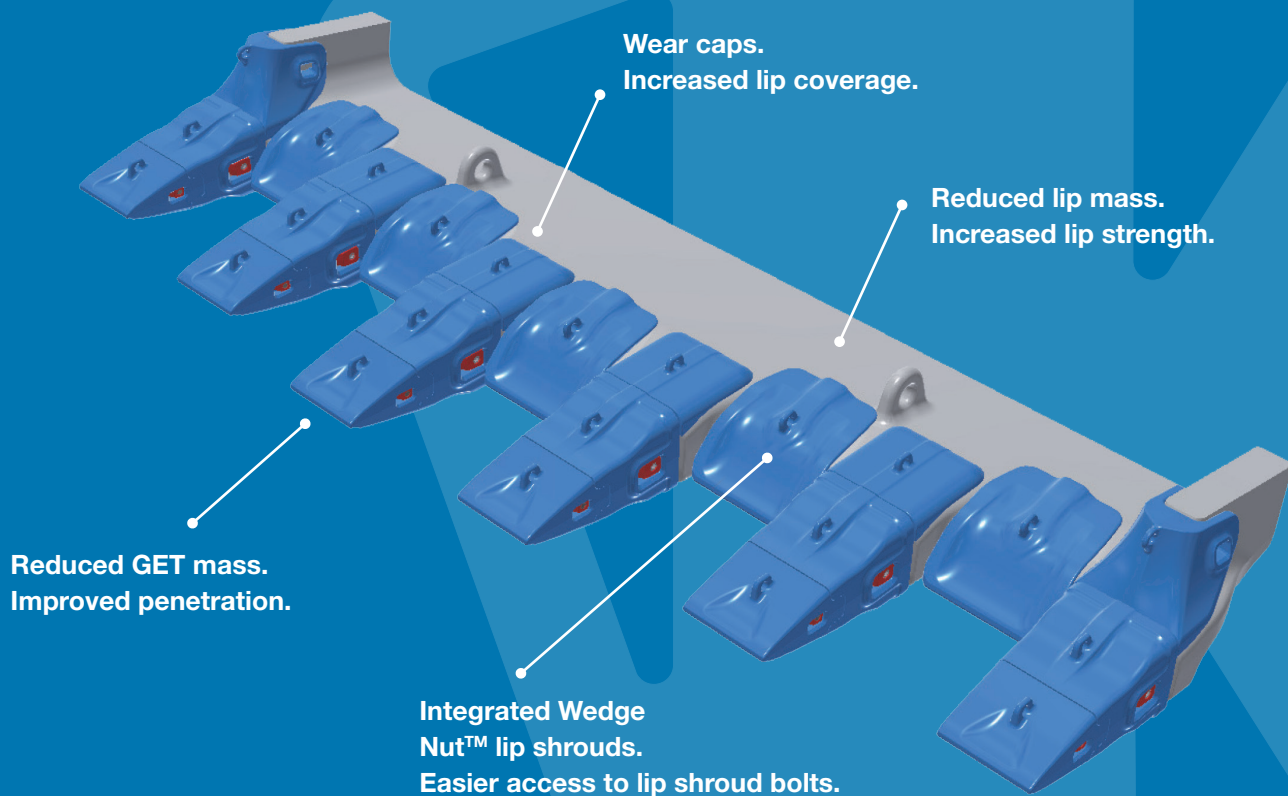
KOBRA™ 250T					
MACHINES		Komatsu PC300 Hitachi EX2600 CAT 6030	Terex RH120 Liebherr R9250		
LIP	NOSE	STATIONS	WIDTH	MASS	STYLE
Coming Soon					Face Shovel
Coming Soon					Back Hoe

* Assembled with GET

STANDARD FEATURES



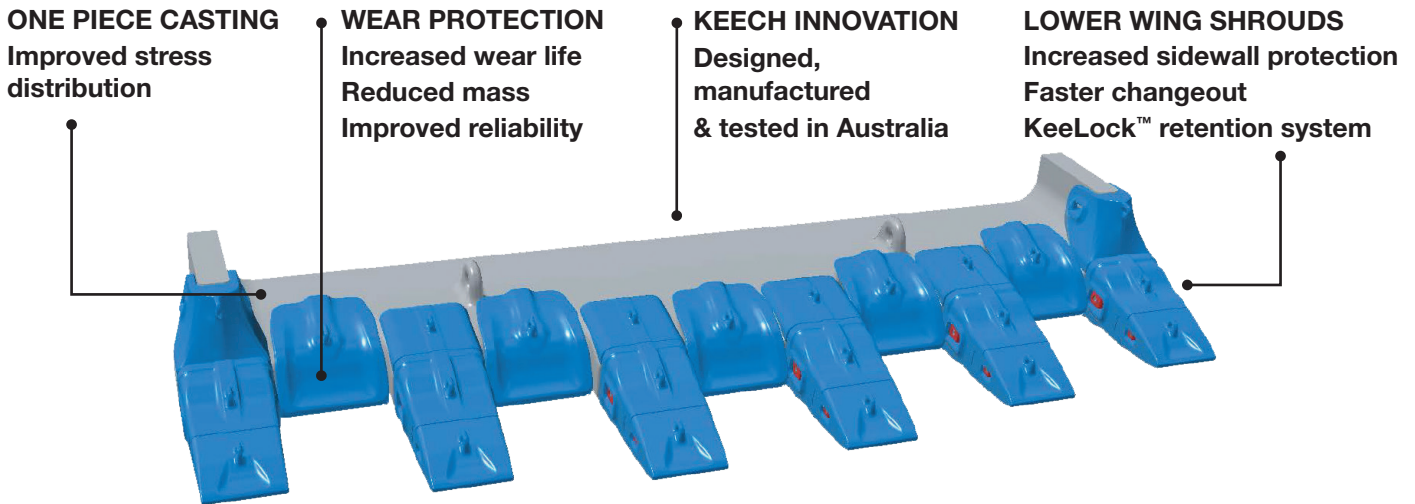
IMPROVEMENTS





KEECH KOBRA™ CAST LIP SYSTEM

The latest series from the Keech Innovation Centre, specially engineered for hardrock mining. Improved stress distribution across the lip and a new smoother profile gives better penetration and more digging power. The streamlined profile boosts bucket filling and emptying rates for increased productivity and more efficient machine operation. Features the KeeLock™ system for faster changeouts and less downtime.



ONE PIECE CASTING
Improved stress distribution

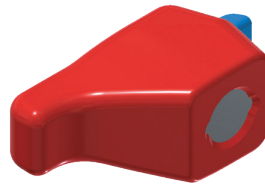
WEAR PROTECTION
Increased wear life
Reduced mass
Improved reliability

KEECH INNOVATION
Designed, manufactured & tested in Australia

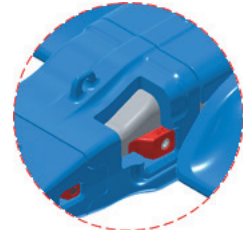
LOWER WING SHROUDS
Increased sidewall protection
Faster changeout
KeeLock™ retention system



INTEGRATED WEAR CAP
Mechanically attached
Greater lip protection
Increased lip life



PATENTED KEELOCK™ SYSTEM
Completely hammerless
Single piece
Fast changeout
Reduces maintenance cost



IMPROVED NOSE DESIGN
Shroud protected against backblading
Smoother bucket emptying
Increased bucket filling

Benchmark stress testing reveals Keech KOBRA™ is lighter, stronger and longer wearing.

More production Less maintenance Faster changeouts Longer wear

Contact information

Order your KOBRA™ today

Call 1300 453 8233

Email Orders.bendigo@derwentindustries.com.au

Visit www.derwentindustries.com.au

Foundry

30-46 Powell Street, Bendigo Victoria 3550

**DESIGNED AND MADE IN AUSTRALIA
 FOR THE TOUGHEST WORK ON EARTH**



KOBRA™

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 Derwent Industries © All rights reserved.

Information correct as at January 2021.