



**KOMATSU**



**General  
Construction**



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## General Construction

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## Construction Products

### Excavators & Wheel Loaders

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General Construction

# Excavators

## Kprime™

### Tooth System

With the Kprime Tooth System, Komatsu has built a truly unique product that is stronger and longer lasting with additional safety-enhancing features. We did this by listening to our customers and spending years figuring out the correct solution to their issues. Excavator's teeth are center-line meaning the pinhole is on the center of the tooth. This is because the wear seen from excavators is typically more symmetrical on top and bottom.

### Applications

- Construction
- Excavation
- Quarry
- Trenching
- Utility

### Machine Types

- Excavators



### Safety Enhancements

- **Intuitive locking system** ensures that your teeth are securely fastened in place
- **Pry slots on tooth and wear cap** makes it easier to remove worn parts minimizing the need for brute force
- **Low torque pin design** simplifies tooth changes, allowing you to replace your GET tools quickly and easily
- **Weights marked on all parts** so you can easily keep track of the weight distribution of your equipment



### Reliability

- **10% stronger design** reduces the risk of breakage extending the life of your GET
- **Improved pin design** prevents unlocking after extended use and reduces the risk of lost or damaged parts
- **Optimized design** reduces wear on adapters ensuring that your GET lasts longer and performs more efficiently
- **Improved stability** through tighter fit design of the tooth to adapter increases productivity by ensuring that your GET remain securely fastened in place



### Productivity

- **10% - 15% increased usable wear material** last longer and require less frequent replacement
- **Improved penetration** by up to 15% increases efficiency and improves performance
- **Wear indicators on wear cap and fastener** make it easier to track wear and predict when maintenance is required
- **Rotatable tooth design** extends the life of your teeth and improves overall efficiency by ensuring that the tooth wears evenly and remains sharp
- **Wear material added to adapter legs** offer longer wear life and improved durability

\* Performance will vary by application and environment. Operating conditions, installation process and maintenance are outside the control of Hensley Industries.



|                            | <br><b>PC</b><br>Point Chisel | <br><b>RC</b><br>Rock Chisel | <br><b>SC</b><br>Standard Chisel | <br><b>XC</b><br>Extreme Chisel |
|----------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>         |                                                                                                                |                                                                                                               |                                                                                                                     |                                                                                                                    |
| Construction               | ●                                                                                                              | ●                                                                                                             | ●                                                                                                                   | ●                                                                                                                  |
| Quarry                     | ●                                                                                                              | ●                                                                                                             | ●                                                                                                                   | ●                                                                                                                  |
| Trenching                  | —                                                                                                              | —                                                                                                             | ●                                                                                                                   | —                                                                                                                  |
| Utility                    | ●                                                                                                              | —                                                                                                             | ●                                                                                                                   | —                                                                                                                  |
| <b>Machine</b>             | Excavator                                                                                                      | Excavator                                                                                                     | Excavator                                                                                                           | Excavator                                                                                                          |
| <b>Series Availability</b> | 15 - 70                                                                                                        | 15 - 85                                                                                                       | 04 - 85                                                                                                             | 40 - 85                                                                                                            |
| <b>Penetration</b>         | ● ● ● ● ● ○                                                                                                    | ● ● ● ● ○ ○                                                                                                   | ● ● ● ● ○ ○                                                                                                         | ● ○ ○ ○ ○ ○                                                                                                        |
| <b>Impact / Abrasion</b>   | ● ● ● ● ● ○                                                                                                    | ● ● ● ● ● ○                                                                                                   | ● ● ● ● ● ○                                                                                                         | ● ● ● ● ● ●                                                                                                        |

|                            | <br><b>T</b><br>Tiger | <br><b>YT</b><br>Twin Tiger | <br><b>F</b><br>Flare |
|----------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Application</b>         |                                                                                                          |                                                                                                                |                                                                                                            |
| Construction               | ●                                                                                                        | ●                                                                                                              | ●                                                                                                          |
| Quarry                     | ●                                                                                                        | ●                                                                                                              | —                                                                                                          |
| Trenching                  | —                                                                                                        | —                                                                                                              | ●                                                                                                          |
| Utility                    | ●                                                                                                        | ●                                                                                                              | ●                                                                                                          |
| <b>Machine</b>             | Excavator                                                                                                | Excavator                                                                                                      | Excavator                                                                                                  |
| <b>Series Availability</b> | 04 - 85                                                                                                  | 04 - 85                                                                                                        | 05 - 70                                                                                                    |
| <b>Penetration</b>         | ● ● ● ● ● ●                                                                                              | ● ● ● ● ○ ○                                                                                                    | ● ○ ○ ○ ○ ○                                                                                                |
| <b>Impact / Abrasion</b>   | ● ○ ○ ○ ○ ○                                                                                              | ● ● ● ● ○ ○                                                                                                    | ● ○ ○ ○ ○ ○                                                                                                |

Note: Not all adapter/tooth styles are available for all series.

Kprime™ Pin Assembly

New locking system has no torque loss after multiple uses ensuring pin remains locked.

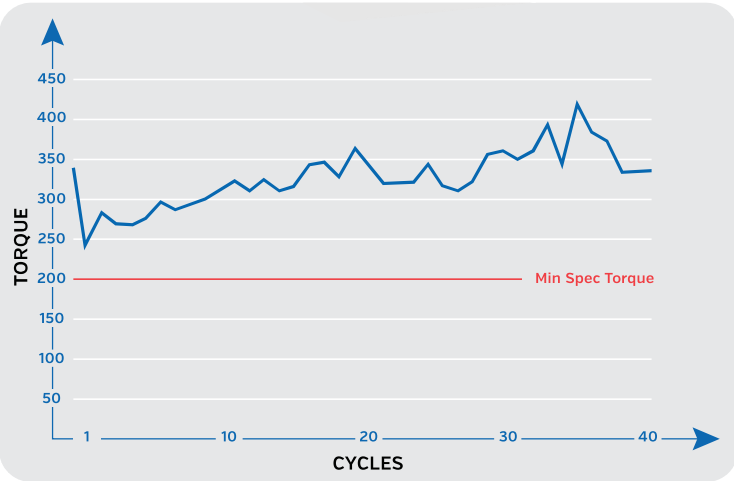


Unlocked

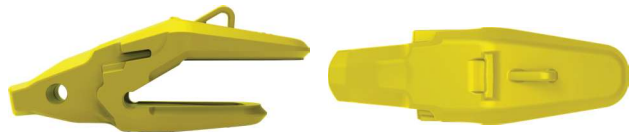


Locked

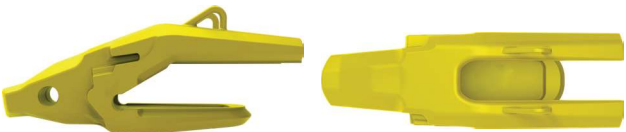
| TOOTH SIZE | SOCKET NEEDED |
|------------|---------------|
| 004-005    | 8MM           |
| 010-015    | 10MM          |
| 020-030    | 12MM          |
| 040-050    | 14MM          |
| 070-085    | 16MM          |



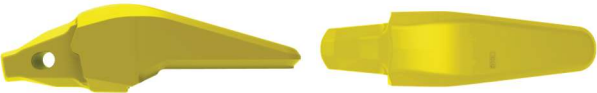
Kprime™ Adapters



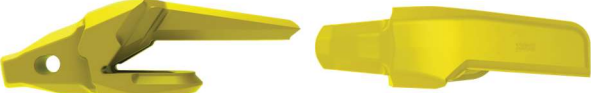
1 1/2 Half Leg



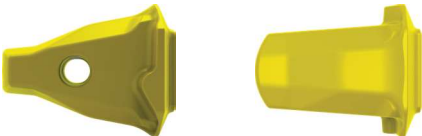
Straddle Leg



Flush Mount



Notch



Weld-On Nose

# HP Series

Hensley offers a variety of buckets to cover most applications. Custom options are also available to insure you have the best bucket for the application. Buckets are designed to offer improved productivity, greater strength and longer life.

Custom HPX Bucket Shown



## Bucket Feature Comparison

|                                                 | HP | HPS | HPX |
|-------------------------------------------------|----|-----|-----|
| Dual taper / dual radius design                 | ✓  | ✓   | ✓   |
| One piece blade                                 | ✓  | ✓   | ✓   |
| Full bottom wear plate                          | ✓  | ✓   | ✓   |
| One piece side plate                            | ✓  | ✓   | ✓   |
| Strike-off assemblies                           | ✓  | ✓   | ✓   |
| Lip                                             | ✓  | ✓   | ✓   |
| Formed beam upper structure                     | ✓  | ✓   | ✓   |
| Lower side kick plate                           | ✓  | ✓   | ✓   |
| Horizontal wear strips                          |    | ✓   | ✓   |
| Upper side kick plate and lower side kick plate |    |     | ✓   |
| Cast heel wear shrouds                          |    |     | ✓   |

Bucket Features

### HP - Heavy Duty

#### Recommended Applications:

- Soils
- Loam
- Coal
- Sand
- Gravel

### HPS - Severe Duty

#### Recommended Applications:

- High Silica Sand
- Caliche
- Sandstone
- Well Shot Limestone
- Shale

### HPX - Extreme Duty

#### Recommended Applications:

- Granite
- Ore
- Limestone
- Broken Slag

## X Series

X Series buckets were designed with versatility in mind. Specifically designed for heavy duty flat-bottom applications. As an upgrade from our general-purpose TL trenching bucket, the X Series provides all the trenching and basement digging flexibility that the TL offers, but with a heavy-duty structure.



XPSX Bucket Shown

### Bucket Feature Comparison

|                                            | XP | XS | XPS | XPXS |
|--------------------------------------------|----|----|-----|------|
| Dual Taper / Dual Radius Design            | ✓  | ✓  | ✓   | ✓    |
| Full Bottom Plate                          | ✓  | ✓  | ✓   | ✓    |
| Full Bottom Wear Plate                     | ✓  |    | ✓   | ✓    |
| Lip                                        | ✓  | ✓  | ✓   | ✓    |
| Formed Beam Upper Structure                | ✓  | ✓  | ✓   | ✓    |
| Strike Off Assembly                        | ✓  | ✓  | ✓   | ✓    |
| Strike - Off Assembly or Vertical Shrouds* | ✓  | ✓  | ✓   | ✓    |
| Bottom Wear Strips                         |    | ✓  | ✓   | ✓    |
| Cast Corner Heel Shrouds                   |    |    |     | ✓    |
| Upper Kick Plate                           |    |    |     | ✓    |

Bucket Features

\*12-15 ton X series buckets will be drilled for strike-offs only

#### XP

##### Recommended Applications:

- Abrasive Soils
- Compact
- Dense
- Clay
- Loose Rock
- Rock

#### XS

##### Recommended Applications:

- Abrasive Soils
- Compact
- Dense
- Clay
- Loose Rock
- Rock

#### XPS

##### Recommended Applications:

- High Silica Sand
- Caliche
- Sandstone
- Well Shot Limestone
- Shale

#### XPXS

##### Recommended Applications:

- Shot Rock
- Stratified Materials
- Quarry or Tough
- Highly Abrasive



General Construction

# Wheel Loaders

## Kprime™

### Tooth System

With the Kprime Tooth System, Komatsu has built a truly unique product that is stronger and longer lasting with additional safety-enhancing features. The wheel loader tooth is an asymmetrical tooth, meaning the pinhole is not in the middle but most of the wear material of the tooth is on the bottom. This is related to the way a loader digs and it wears from the bottom up.

### Applications

- Construction
- Quarry
- Utility

### Machine Types

- Wheel Loaders



### Safety Enhancements

- **Intuitive locking system** ensures that your teeth are securely fastened in place
- **Pry slots on tooth and wear cap** makes it easier to remove worn parts minimizing the need for brute force
- **Low torque pin design** simplifies tooth changes, allowing you to replace your GET tools quickly and easily
- **Weights marked on all parts** so you can easily keep track of the weight distribution of your equipment



### Reliability

- **10% stronger design** reduces the risk of breakage extending the life of your GET
- **Improved pin design** prevents unlocking after extended use and reduces the risk of lost or damaged parts
- **Optimized design** reduces wear on adapters ensuring that your GET lasts longer and performs more efficiently
- **Improved stability** through tighter fit design of the tooth to adapter increases productivity by ensuring that your GET remain securely fastened in place



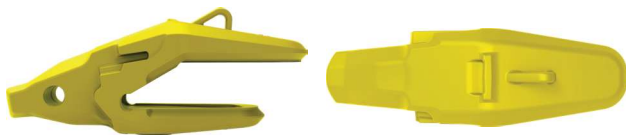
### Productivity

- **10% - 15% increased usable wear material** last longer and require less frequent replacement
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- **Wear indicators on wear cap and fastener** make it easy to track wear and predict when maintenance is required
- **Rotatable tooth design** extends the life of your teeth and improves overall efficiency by ensuring that the tooth wears evenly and remains sharp
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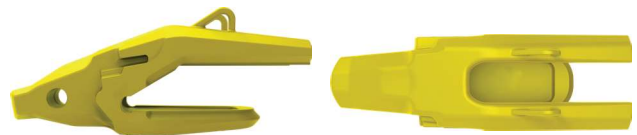
\* Performance will vary by application and environment. Operating conditions, installation process and maintenance are outside the control of Hensley Industries.

|                            | <br><b>HDL</b><br>Heavy Duty | <br><b>SDL</b><br>Severe Duty | <br><b>XDL</b><br>Extreme Duty |
|----------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>         |                                                                                                               |                                                                                                                 |                                                                                                                   |
| Construction               | ●                                                                                                             | ●                                                                                                               | ●                                                                                                                 |
| Quarry                     | ●                                                                                                             | ●                                                                                                               | ●                                                                                                                 |
| Utility                    | ●                                                                                                             | —                                                                                                               | —                                                                                                                 |
| <b>Machine</b>             | Loader                                                                                                        | Loader                                                                                                          | Loader                                                                                                            |
| <b>Series Availability</b> | 10 - 85                                                                                                       | 15 - 85                                                                                                         | 40 - 85                                                                                                           |
| <b>Penetration</b>         | ● ● ● ● ○                                                                                                     | ● ● ● ○ ○                                                                                                       | ● ○ ○ ○ ○                                                                                                         |
| <b>Impact / Abrasion</b>   | ● ● ● ○ ○                                                                                                     | ● ● ● ● ○                                                                                                       | ● ● ● ● ●                                                                                                         |

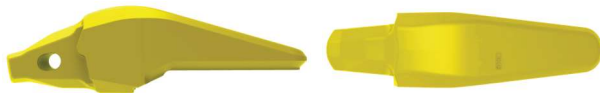
## Kprime™ Adapters



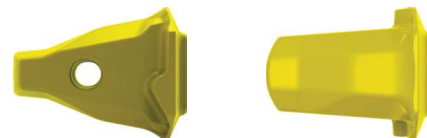
**1½ Half Leg**



**Straddle Leg**



**Flush Mount**



**Weld-On Nose**

*Note: Not all adapter/tooth styles are available for all series.*



Kprime™ Pin Assembly

New locking system has no torque loss after multiple uses ensuring pin remains locked.

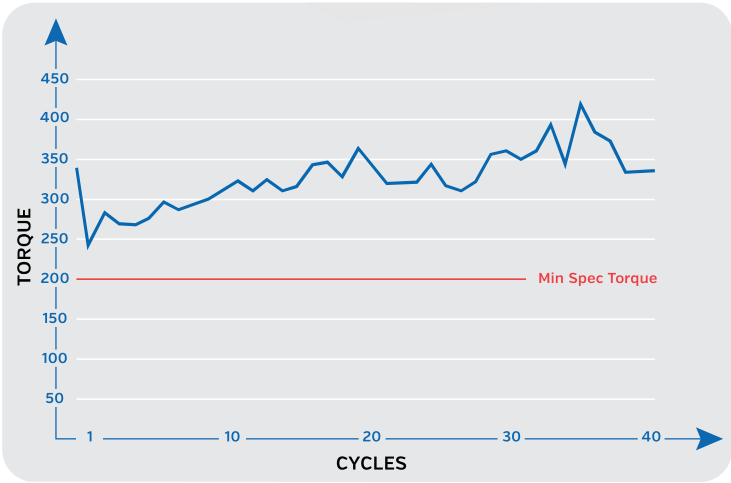


Unlocked



Locked

| TOOTH SIZE | SOCKET NEEDED |
|------------|---------------|
| 004-005    | 8MM           |
| 010-015    | 10MM          |
| 020-030    | 12MM          |
| 040-050    | 14MM          |
| 070-085    | 16MM          |





## BLADESAVERprime™

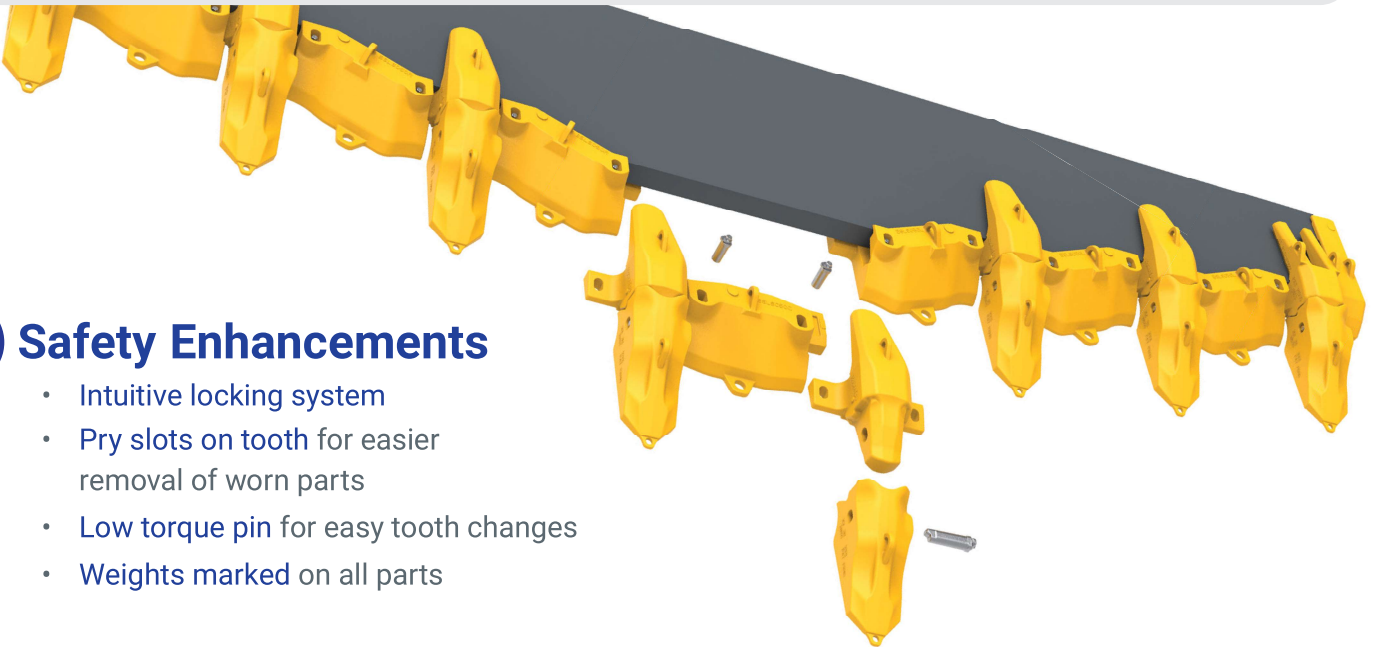
The BLADESAVERprime™ lip system engineered by Komatsu combines two leading GET designs and delivers a wear package solution with many new features and benefits. Bringing together the newly released Kprime™ tooth system with the historically iconic Komatsu BLADESAVERprime brand products, designed for machines operating in quarries and heavy duty applications, this system is purpose built to perform in harsh and demanding environments. The sleek lip profile improves material flow and ease of loading, and the hammerless tooth and shroud fasteners improve the safety and operation of changing out components.

### Applications

- Construction
- Quarry

### Machine Type

- WA500
- WA600



### Safety Enhancements

- Intuitive locking system
- Pry slots on tooth for easier removal of worn parts
- Low torque pin for easy tooth changes
- Weights marked on all parts



### Reliability

- Interlocking design extends wear life and allows for even wear
- 10% stronger design reduces breakage
- Improved pin design prevents unlocking after extended use
- Single pin type used on lip and vertical shrouds
- Improved stability via tighter tooth-to-adapter fit

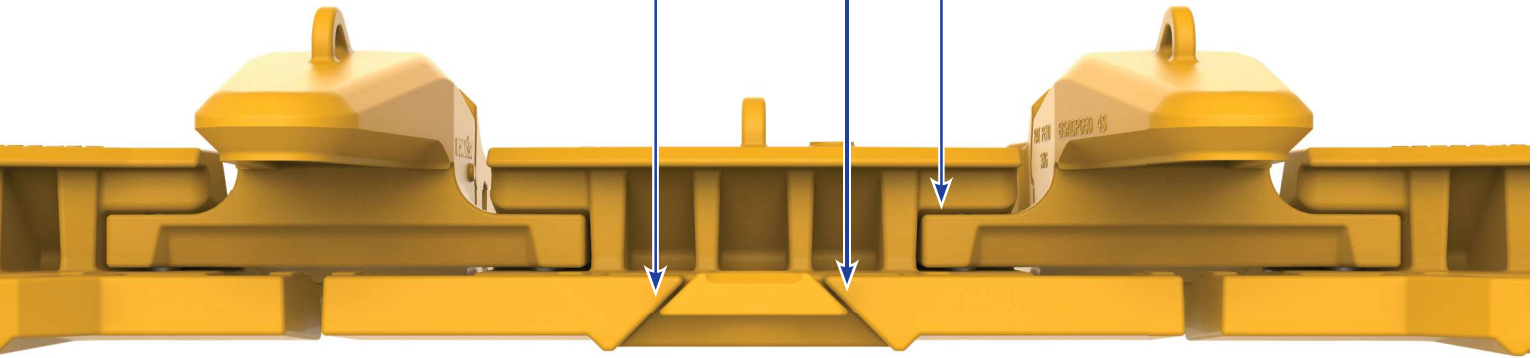


### Productivity

- Improved penetration by up to 15 percent
- Flat floor design increases wear life and provides a clean floor
- Wear indicators on wear cap and fastener
- Quick and easy change-outs with mechanically attached parts with no welding required
- Minimum 2:1 tooth to shroud replacement ratio
- Wear material added to adapter legs for longer wear life
- Designed to stay sharp for the life of the tooth

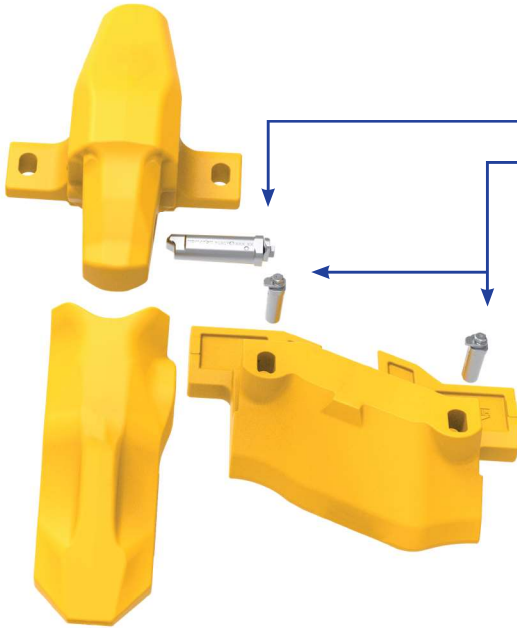
## Interlocking Design

- Substantially reduces the wear on the lip
- Extends the GET wear life



## One Tool

- Lip Shroud, vertical shroud and Kprime™ tooth utilize the same size pin head
- Use a single tool for tooth and shroud replacement



## Flat Floor Design

- Reduces grading
- Allows for even wear of lip, shrouds and tooth assemblies



## Coal

Our coal buckets come in two major configurations. Digging style for digging coal directly from the coal seam or loading style for moving or loading coal.

### Direct Digging Configuration Standard Features

- Straight or Modified Spade Lip
- Weld-on Flush Mount Adapters
- Two Leg Wrap Around Adapters
- Bolt-on Heel Plates
- **Optional:** Rock Deflectors and Bimetallic Wear Products

### Loading Style Configuration Standard Features

- Straight or Modified Spade
- Smooth Lip (400 Brinell)
- Bolt-on Heel Plates
- Weld-on Edge or Bolt-on edges
- **Optional:** Rock Deflectors

## Applications

- Coal



## GP

Engineered for maximum productivity, these buckets deliver performance and profits in whatever application they may face. GP wheel loader buckets are used in applications that require minimal wear protection.

### Standard Features

- Inside liners
- Reversible vertical shroud
- Straight lip
- Bolt-on reversible edges or cast bolt-on half arrow edges
- Bolt-on heel plates
- Weld-On Flush Mount Adapters, for coal applications

## Applications

- Sand
- Gravel



### HD

HD wheel loader buckets are designed to operate in rugged applications. Recommended for use in low to medium abrasion materials such as dirt, compacted soil, shot or broken limestone, loose overburden material.

#### Standard Features

- Straight lip or modified spade lip
- Weld-on adapters
- Vertical shrouds
- Bolt-on heel plates
- Inside liners
- Rock deflectors
- Bimetallic wear products for extra wear protection

**Optional:** Bolt-on wear runners

**Optional:** Cast corner heel shrouds

- Bolt-on segments or optional J-bolt lip shrouds optional on certain models

#### Applications

- Gravel
- Sand



### Rock Quarry

Rock quarry wheel loaders are used in applications of extreme digging, high abrasion and high impact. For applications that require additional wear protection.

#### Standard Features

- Straight lip or modified spade lip
- Weld-on adapters
- Cast bolt-on segments and top covers
- J-bolt lip shrouds optional on certain models
- Vertical shrouds
- Multiple inside liner options including
- Rock deflectors
- Bolt-on heel plates
- Bimetallic wear products for extra wear protection
- **Optional:** Bolt-on wear runners
- **Optional:** Cast corner heel shrouds

#### Applications

- Quarry
- High-Wear Applications





Construction Products

# Excavators & Wheel Loaders



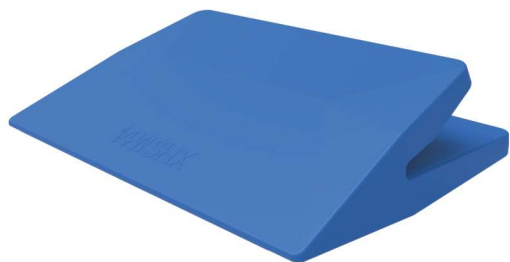
### Smart-Trakr™ LOCATION DEVICE

With Smart-Trakr™ Location Device track your assets through a secure satellite-based GPS platform. Managing your bucket inventory, maintenance and efficiency has never been easier. The Smart-Trakr device will result in cost reductions, improved efficiencies of assets and workforce by enabling you to locate and track assets quickly and easily.



- Global accurate locating an asset utilizing satellite enabled GPS technology
- Built and tested for maximum durability in extreme temperatures, dirt and water
- Efficiency improvement in operations, billing, and product performance
- Buckets available with Smart-Trakr location device pre-installed
- Easy re-install among assets
- Easily manage wearable GET knowing exactly what teeth are needed without calling customer service

| REQUIRED DESIGN NEED |                                   |   |
|----------------------|-----------------------------------|---|
| RELIABILITY          | Quick & Easy Install & Re-Install | ✓ |
|                      | Satellite Enabled Software        | ✓ |
|                      | 8-10 Year Battery Life            | ✓ |
|                      | Durable Steel Construction        | ✓ |
| PRODUCTIVITY         | Define Virtual Perimeters         | ✓ |
|                      | Global Desktop Portal             | ✓ |
|                      | Bluetooth Enabled Mobile App      | ✓ |
|                      | Quickly Locate Misplaced Assets   | ✓ |
|                      | Order Wearable GET Quickly        | ✓ |
|                      | Maintain Maintenance Records      | ✓ |
|                      | Track Performance of Assets       | ✓ |



## Weld-On Lip Shrouds

- Shrouds for 1.5" lips up to 4.75" lips
- Excellent wear resistance
- 7 shroud styles to better match your application



## Reversible Vertical Shrouds

- Bolt-on shroud – no weld-on mount needed
- For 1" to 2.5" cheek plates
- Uses standard plow bolt with cone nut
- Reversible for extended wear life
- Stackable for additional protection



## J-bolt Shrouds

- Mechanically attached to a weld-on base (weldless base available for select dipper lip shrouds)
- Lip shrouds for lips ranging from 2" to 9.75" thicknesses
- Provides top and bottom lip protection
- Wing shrouds for ranging from 2" to 5.5" thicknesses
- Wing shrouds can be stacked for greater protection



## Corner Heel Shrouds

- Shrouds are cast of low alloy steel for excellent wear resistance
- Multiple styles for excavator and wheel loader buckets
- Easy weld-on installation

## Bolt-On Lip Shrouds



### Top Covers

- Mates with segments or edges to give complete lip coverage
- Covers designed to match specific segments or edges
- Parts to fit straight or spade lips

### Edges

- Protects the length of the leading edge
- Helps prevent bottom bucket wear
- For straight lips

### Segments

- Protects lip leading edge between adapters
- Helps prevent bottom bucket wear
- Parts to fit straight or spade lips



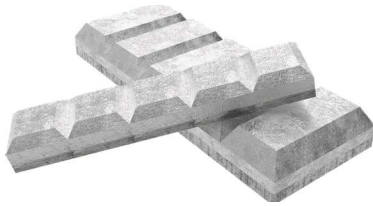
## Wear Runners

- Protection for high-wear areas of your earth-moving, earth-hauling equipment
- Mechanically attached to weld-on bases for quick changes
- Multiple sizes available and come in flat or tapered styles
- Can be placed side to side or end to end for extended coverage area
- It's common to see these installed on rock deflectors



## Bimetallic

Hensley's Bimetallic Wear Resistant Products are extremely hard metals bonded to mild steel to allow for superior wear resistance while remaining easy to weld. These are designed to protect your equipment from impact and high abrasion, reduce your maintenance costs, and keep your machines and attachments running for longer periods of time.



### Chocky Bars

Most popular for replacing hardfacing and clad plate

- Available with or without notched backing plate
- Easy to cut and shape over contoured surfaces



### Wear Buttons

Ideal for smaller areas requiring wear resistant material

- Requires less welding time and material than conventional wear plate



### Skid Bars

Most popular for replacing hardfacing and clad plate

- Available with or without notched backing plate
- Easy to cut and shape over contoured surfaces



### Wear Bars

Popular for rock-box protection, impact areas and transfer points

- Chute protection in both low and high stress abrasion
- Many other shapes and sizes available

# DURA® DRP



The Dura® product line includes our Hensley Parabolic®, Caterpillar®, Komatsu®, Esco® and other popular OEM offerings. The superior manufacturing standards results in quality castings that are designed to increase wear life and maximize machine performance.

### Feature and Benefits

Hardness right to the core

- Expanded product offering
- Competitively priced
- Abundant inventory in stock
- Same warranty as all Hensley products
- Designed to provide increased production
- Superior quality and reliability
- Available for mining and construction size machines

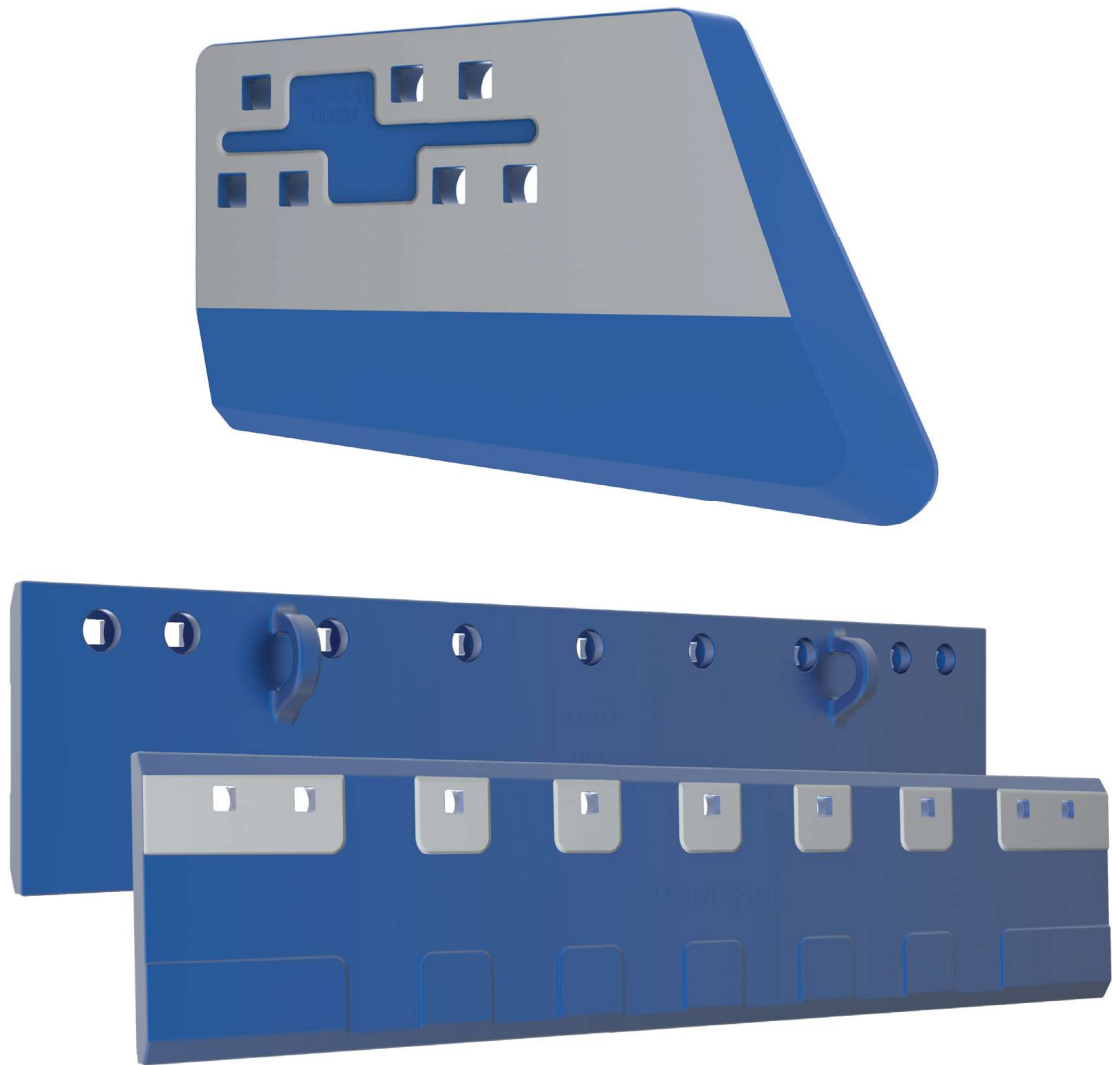
### DURA® DRP

For popular OEM styles

- Caterpillar®
- Esco®
- Hensley®
- Komatsu®
- H&L
- Bobcat®
- Hyundai®



Hensley Industries, Inc. is not affiliated with Bobcat Company, Caterpillar Inc., ESCO Group LLC or Hyundai Construction Equipment Americas, Inc.



Construction Products

# Cutting Edges

# Machined Edges

Hensley's machined cast alloy dozer and grader edges are designed for the toughest construction and mining applications. Hensley's 3E alloy steel provides excellent wear characteristic with superior impact resistance.

## Applications

- Construction
- Quarry



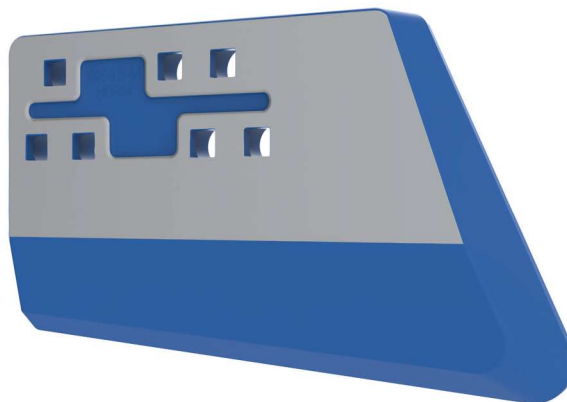
## Safety Enhancements

- Smooth mounting surface to allow maximum contact with moldboard
- Easier and safer installation with lifting eyes



## Reliability

- Long wear life with fewer change outs to lower maintenance costs
- Hensley's 3E alloy steel is through-hardened for maximum durability
- Added material into the high wear areas
- Improved (dozing or grading) with optimized material flow

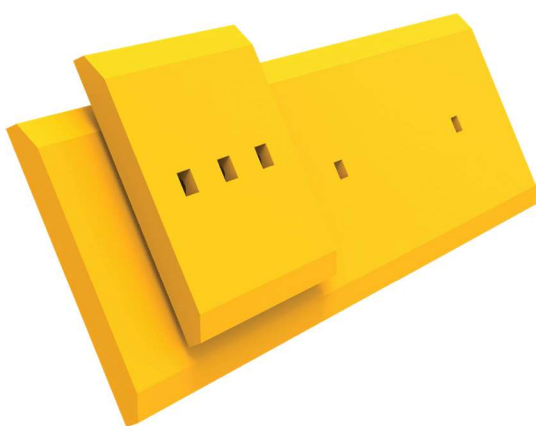


## Productivity

- Reduced breakage with Hensley 3E design
- Improved machined mounting surface prevents blades from coming loose
- Increases wear life with optimized design
- Improved stability through tighter fit designed mounting surface

# Loader Edges

Hensley offers an extensive line of half-arrow segments, top covers, base edges, cutting edges and wear plates for all makes and models of wheel loaders. With innovative solutions and high quality materials, Hensley blades and accessories are engineered to deliver maximum performance and a long lifespan with the lowest cost.



## Rolled Steel

Every manufacturer has unique bolt pattern for their loader edges. Hensley manufactures OEM, aftermarket and custom design rolled steel loader edges to fulfil the customer requirements. All of the edges are through hardened to give the best wear life and protection against breakage in high impact applications.

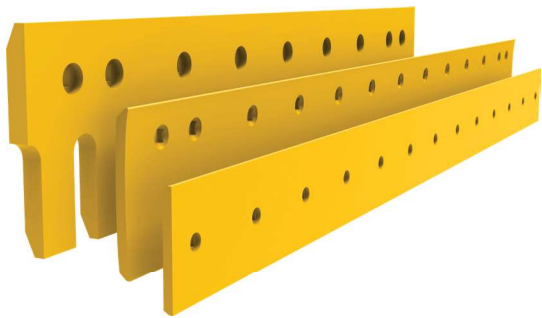
- Base edges, half arrow edges, top covers and bolt on cutting edges
- Edges help to improve penetration and protect the main edge of the bucket
- Through-hardened blades provides long wear life improving productivity
- Carbide impregnated blades for extreme-abrasion, moderate-impact applications



## Cast Alloy

Hensley manufactures cast alloy loader edges and segments for the toughest construction applications. Hensley's 3E alloy steel provides excellent wear characteristic with superior impact resistance.

- Half arrow edges and segments, wear plates and top covers
- Superior design – added material into the high wear areas
- Improved bucket penetration and optimized material flow
- Hensley's 3E alloy steel is through-hardened for maximum durability
- Long wear life with fewer change outs to lower maintenance costs



### Rolled Steel

Hensley rolled steel grader cutting edges and end bits for all grader models.

- Double beveled curved, flat and serrated edges
- End bits and overlay bits help to protect the moldboard
- High-carbon grader blades for low/medium-abrasion, low-impact applications



### Cast Alloy

Hensley cast alloy grader blades for highway, heavy construction and mining applications.

- Available in flat and serrated edges
- Same standard mounting bolt pattern with rolled steel blades
- Long wear life with fewer change outs to lower maintenance costs



### Snow Blades

Hensley snow plow blades provide extreme wear resistance at the low cost. We offer a wide selection of standard snow plow blades and hardware for a variety of machine makes and models. The snow plow blades selection includes carbon, heat treated and different carbide inserted blades. Standard Highway Punch (3-3-12 spacing) is the most common bolt pattern, but other hole patterns are available by customer request.



*Optional Picks*

### Grader Pick Blades

Through hardened, heat treated blades with replaceable carbide tips offer the best performance for compacted haul roads. A variety of rotating and fixed (non-rotating) tips are available. The pick system is ideal for dirt and gravel road maintenance, hard-packed snow and ice removal, chip and seal road reclamation, oil sand road reclamation, spot asphalt milling and loose material.



### Tungsten Carbide Matrix

Hensley offers a hard facing overlay to improve the wear life of the cutting edges that are used in high abrasive and low/medium impact applications.

- Grader blades, loader blades, dozer blades and end bits
- Custom pattern for your application
- High abrasion and low to medium impact applications



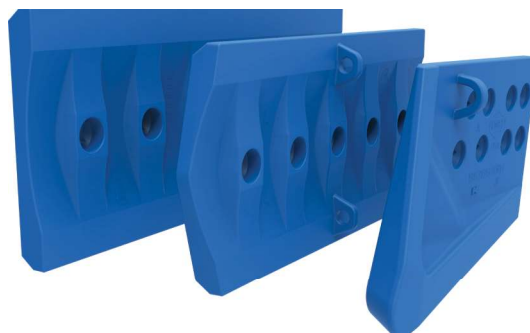
# Dozer Edges & End Bits



### Rolled Steel

Hensley rolled steel edges and end bits for dozers are through-hardened for the best wear life and protection in high impact applications.

- Available in standard, heavy duty and extra heavy duty options
- Edges and end bits help to protect the main blade assembly
- Carbide impregnated blades for high-abrasion, moderate-impact applications



### Cast Alloy

Hensley cast alloy dozer edges and end bits for the toughest construction and mining applications.

- Superior design – added material into the high wear areas
- Same standard mounting bolt pattern with rolled steel blades
- Longer wear life with fewer change outs to lower maintenance costs

# Wear Protection

Hensley offers a wide variety of wear bars and grouser bars. Wear and grouser bars are through hardened to 500 Brinell, being extremely shock and wear resistant. Their special design will ensure easy, quick and economical welding capabilities.



## Wear Bars

All wear bars are made from high quality steel and are completely through hardened to 500 Brinell having the optimal combination of hardness, abrasion resistance and toughness. Wear bars are used as protection on buckets, in crushers, in dump truck bodies, and in a broad range of other applications where impact and wear protection is required. To top off all of these benefits, our customers typically report that Hensley wear bars have greater weldability than most competitive bar alternatives, even those of significantly lower material grade.



## Grouser Bars

Hensley Grouser Bars are 500 Brinell quality, extremely shock and wear resistant; providing the optimum solution for crawler tractors working on hard and abrasive rock surfaces. Their special design will ensure quick, easy, and economical welding and provide superior penetration capabilities; restoring traction and improving fuel economy. Grouser Bars are available in 3 meters (10 foot) lengths and can be cut to requested size upon request.



Hensley Industries, Inc.  
2108 Joe Field Road  
Dallas, Texas 75229 USA

Customer service  
USA/Canada (888) 406-6262  
International +1 (972) 406-6262  
[www.hensleyind.com](http://www.hensleyind.com)

\* All comparisons made are to the prior Hensley model, unless otherwise specifically stated.

Hensley Industries, Inc. recommends following all safety protocols when using our products and utilizing all PPE.

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