EXTREME STRENGTH
HIGH PERFORMANCE, LASTING VALUE
Mining operations worldwide depend on the safe, cost effective performance of Hensley G.E.T. systems. The XS2 System of ground engaging tools uses strength, durability, performance and productivity to the extreme.

We know what it takes for earth moving equipment to run efficiently and cost effectively. Our engineers analyzed where and how these machines operate, and designed a system with a wide range of safe, economical and hard-working solutions. Years of research and testing have helped us create one of the most productive, cost effective and user friendly systems available.

A SYSTEM SO GOOD IT’S PATENTED
Hensley Engineering has created a unique G.E.T. System. The XS2 System is patent protected and offers an impressive list of benefits:

- Better penetration
- Hardness throughout the tooth
- Unique high strength design
- Reusable fastener
- Less “throw away”, more usable steel
- Fast tooth changeover
- Reversible tooth
- Mechanical adapter wearcap

EXTREME DURABILITY
HARDNESS RIGHT TO THE CORE
XS2 System teeth are manufactured to a higher standard. All XS2 System teeth are heat treated to meet critical specifications for strength and durability, not only on the surface but right to the core.

BETTER PENETRATION REDUCES CYCLE TIMES
The XS2 System’s streamlined design and self-sharpening teeth contribute to better penetration. This reduces cycle times, requires less hydraulic pressure, and improves fuel consumption and overall production.

For more product details and contact information, please visit our website.
EXTREME PERFORMANCE
THE GREATER THE NOSE, THE LONGER LASTING THE SYSTEM

We’ve got the right shape for all your application needs. The XS2 System has a unique square nose design that combines strength and durability with a one-piece, hammerless pin for quick, safe installation and maintenance. The XS2 System nose has a design that reduces areas of stress concentration under load.

EASY INSTALLATION, QUICK CHANGE-OUT

Easy and quick installation and replacement is a great advantage of the XS2 System. It just takes minutes to change teeth. Simply unlock the fastener with a socket wrench, remove the worn tooth, put on a new tooth and you’re ready to go back to work.

STEP 1
As shown, place tooth onto adapter, always observing proper safety procedures.

STEP 2
Insert fastener, making sure it is in the unlocked position.

STEP 3
To lock, use the correct size socket, rotate the pin locking shaft 90° clockwise to finish the installation.

STEP 4
When removing the fastener, use the correct size socket to rotate the pin-locking shaft 90° counter-clockwise.

EXTREME PRODUCTIVITY
HIGHER CONSUMPTION RATIO, 60% CONSUMABLE STEEL

XS2 System teeth are designed for maximum strength and consumption ratios without unnecessary bulk. XS2 teeth remain sharp and penetrate longer, so you can work longer.

The Tooth Consumption Ratio for ground engaging tools indicates the percentage of available wear material on the whole tooth. The greater the ratio, the better the value because more of the tooth is used and less is thrown away.

For example, a 25 lb. tooth with a 40% consumption ratio yields 15 lbs. of scrap material when the tooth wears out. A 25 lb. tooth with a 60% consumption ratio would only scrap 10 lbs. of material.

Bottom line, the XS2 System gives you longer life, improved performance and less waste.
EXCAVATOR AND LOADER TEETH
DESIGNED FOR VIRTUALLY EVERY APPLICATION

From loose dirt and crushed concrete to the most abrasive mining applications, the high quality steel and unique design of the XS2 System minimizes downtime and maximizes productivity. From hydraulic excavators to loaders, the XS2 System improves safety and reduces costs. Below is our current listing of square nose style teeth, and more styles are under development.

EXCAVATOR

**SYL**
Standard:
General applications

**HD**
Heavy Duty:
General application and longer wear life

**SD**
Chisel:
General purpose tooth designed for penetration

**UT**
Twin Tiger:
Offers longer life penetration of corners

**RC**
Rock Chisel:
Designed for better penetration and long wear life

**SC**
Short:
High impact application and prying

**TV**
Tiger:
Offers best penetration in tight material

LOADER

**RPX**
Rock Penetrator Heavy: More material for longer wear life

**RPHL**
Rock Penetrator Long: Offers longer wear life

For more product details and contact information, please visit our website.
**XS2 SERIES RECOMMENDATIONS**

**COMPLETE SERIES FOR EXCAVATORS AND LOADERS**

**MAXIMIZING PERFORMANCE IN SEVERE APPLICATIONS**

Always use the Extreme Service recommended series when your machine is designed for severe applications. Selecting a series that is too small for your machine or application will likely result in product failure.

<table>
<thead>
<tr>
<th>SERIES</th>
<th>STANDARD / HEAVY DUTY</th>
<th>EXTREME SERVICE</th>
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BASED ON MACHINE OPERATING WEIGHT (KILOGRAMS)
*Square nose style

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BASED ON MACHINE BREAKOUT FORCE (KILOGRAMS)
*Square nose style

www.hensleyind.com
TS SYSTEM FOR DRAGLINES AND LARGE HYDRAULICS

TS SERIES TEETH
SPECIALY DESIGNED FOR EASE OF INSTALLATION AND PENETRATION

The more work you throw at Hensley TS Series teeth and adapters, the more you will appreciate their value in your operation. Components are specially designed to deliver maximum penetration and faster cycles.
Hensley’s high quality steel standards and uniquely engineered XS2 System design minimizes downtime, maximizes productivity, and is designed for virtually every application.

<table>
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<tr>
<th>TS Series</th>
<th>Dragline Bucket</th>
<th>Excavator Class</th>
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<td>TS 922</td>
<td>14 to 54 m³</td>
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<td>TS 1122</td>
<td>42 to 76 m³</td>
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<tr>
<td>TS 1222</td>
<td>50 to 115 m³</td>
<td>800 ton</td>
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CAST LIPS
AVAILABLE IN 163”, 169” & 201”

To achieve the highest levels of productivity, attachments must be designed smart and built strong.

- Streamlined design for better penetration
- Engineered of high quality 55H material steel for superior strength and wear resistance
- Mechanical wearcap for added lip protection and quick replacement
- Full protection in between components to reduce lip washout and wear
- J-bolt shroud for easy and safe installation and replacement
- TS Series adapters and teeth for safe and easy installation and replacement
- Available for the 500 ton to 800 ton class hydraulic excavators

For more product details and contact information, please visit our website.
Hensley's hammerless fastening system for Whisler adapters eliminates the need for hammers. No lip modification is required for installation. The system fits existing Whisler lips with standard adapters. The XSC System features high usable wear material, high dipper fill rate, a 12 to 1 tooth-to-adapter ratio target and a cost-saving reusable pin system. It is currently available for WH-8 and WH-10 and WH-12.

System Features:
- Safe and easy – no hammer needed for installation or removal.
- No lip modification required. Fits existing Whisler lips with standard adapters.
- Quicker adapter change-out.
- Available for WH-10 and WH-12.
- Eliminates need to work under dipper to remove lock.
- The newly designed adapter nose and tooth pocket is engineered to create a tight tooth-to-adapter fit for extended life and greater efficiency.

System Benefits:
- Adapter
  - Tooth to adapter ratio – 12 to 1 Target
- Tooth
  - High usable wear material
  - High dipper fill factor
  - Reusable pin system
  - Multiple tooth styles available
  - Tooth design helps material flow away from adapter to prolong adapter life.
- Lip Shrouds
  - Hammerless design
  - Safe and easy installation and removal
Hensley Industries, Inc. has been manufacturing and marketing ground engaging tools, buckets and specialized attachments since 1947. We are committed to providing the best service and highest quality products in the world. Our dedication to excellence allows us to help those who use it in the field every day.