



GET

HENSLEY XS - CONSTRUCTION SOLUTIONS

Strength. Durability. Performance. Productivity



KOMATSU
Driven by your success



HENSLEY EXTREME SERVICE



EXTREME STRENGTH

High performance, lasting value

Construction operations worldwide depend on the safe, cost effective performance of Hensley Ground Engaging Tool (GET) systems. The XS System of GET uses strength, durability, performance and productivity to the extreme.

We know what it takes for construction equipment to run efficiently and cost effectively. Our engineers analyzed 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 GET. System. The XS System is patent protected and offers an impressive list of benefits:

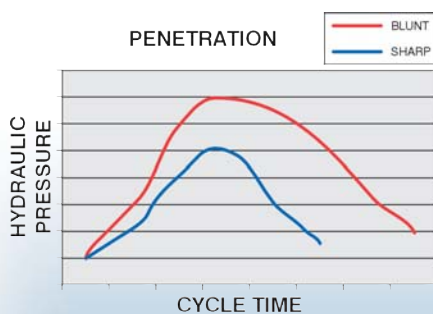
- Better penetration
- Consistent hardness through the tooth
- High strength design
- Reusable fastener
- Less "throw away", more usable steel
- Fast tooth change out
- Reversible tooth
- Mechanical adapter wearcap in large sizes



EXTREME DURABILITY

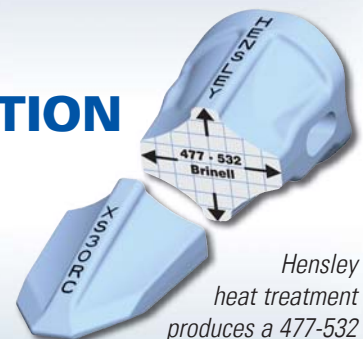
Hardness right to the core

XS System teeth are manufactured to a higher standard. All XS 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 XS 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.

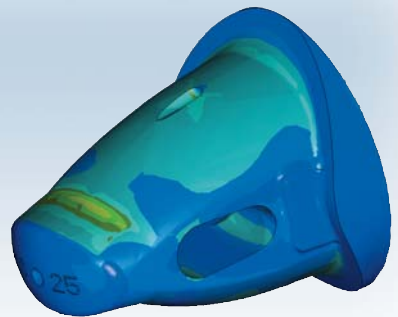


Hensley heat treatment produces a 477-532 Brinell level of hardness throughout the tooth.

EXTREME PERFORMANCE

The greater the nose, the longer lasting the system

We've got the right shape for all your application needs. The XS System has a unique nose design that combines strength and durability with a one-piece, hammerless pin for quick, safe installation and maintenance. The XS 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 key advantage of the XS 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.



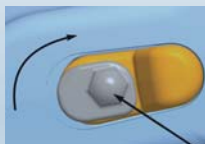
STEP 2

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



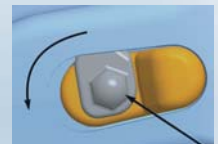
STEP 3

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

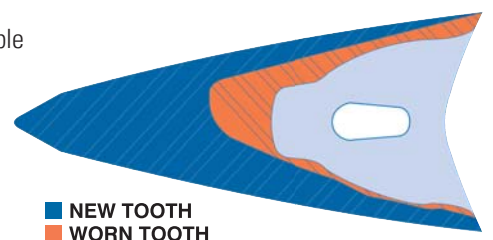
Higher consumption ratio, 60% consumable steel

XS System teeth are designed for maximum strength and consumption ratios without unnecessary bulk. XS 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 11.4kg tooth with a 40% consumption ratio yields 6.8kg of scrap material when the tooth wears out. A 11.4kg tooth with a 60% consumption ratio would only scrap 4.6kg of material.

Bottom line, the XS System gives you longer life, improved performance and less waste.



The XS RC style tooth shown here offers a consumption ratio of 60%.



XS TOOTH STYLES - EXCAVATOR

EXCAVATOR TEETH

Superior design, for superior production and value

The high quality steel, unique design and application-specific styles of the XS System excavator teeth make them suited for any job. From general purpose teeth designed for better penetration in tight materials or corners, to teeth that offer greater fill and extended wear life, the XS System maximizes productivity and minimizes downtime.

BASED ON MACHINE OPERATING WEIGHT

SERIES	STANDARD / HEAVY DUTY				EXTREME SERVICE			
	START		END		START		END	
	LBS	KG	LBS	KG	LBS	KG	LBS	KG
XS04	—	—	9,700	4,400	—	—	7,275	3,300
XS05	9,700	4,400	15,700	7,122	7,275	3,300	11,775	5,341
XS10	15,700	7,122	22,000	9,979	11,775	5,341	16,500	7,484
XS15	22,000	9,979	34,500	15,649	16,500	7,484	25,875	11,737
XS20	34,500	15,649	47,700	21,637	25,875	11,737	35,775	16,228
XS25	47,700	21,637	64,800	29,393	35,775	16,228	48,600	22,045
XS30	64,800	29,393	87,800	39,826	48,600	22,045	65,850	29,870
XS40	87,800	39,826	117,200	53,162	65,850	29,870	87,900	39,871
XS50	117,200	53,162	148,300	67,269	87,900	39,871	111,225	50,452
XS70	148,300	67,269	195,400	88,633	111,225	50,452	146,550	66,475
XS85	195,400	88,633	262,600	119,115	146,550	66,475	196,950	89,337



XS SERIES RECOMMENDATIONS

SYL

Standard:

General applications



WT

Twin Tiger:

Designed for penetration for corners



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



F

Flare:

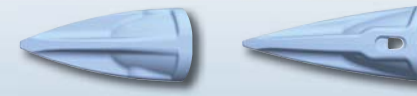
Loose material for clean bottom and greater fill



T

Tiger:

Designed for good penetration with ribs for strength



HP

Heavy Penetration:

Designed for rock penetration and good wear life





XS TOOTH STYLES - LOADER

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 XS System minimizes downtime and maximizes productivity. In any application, the XS System improves safety and reduces costs.

BASED ON MACHINE BREAKOUT FORCE

SERIES	STANDARD / HEAVY DUTY				EXTREME SERVICE			
	START		END		START		END	
	LBS	KG	LBS	KG	LBS	KG	LBS	KG
XS04	—	—	880	399	—	—	7,040	3,193
XS05	8,800	3,992	1,900	862	7,040	3,193	15,200	6,895
XS10	1,900	862	25,300	11,476	15,200	6,895	20,240	9,181
XS15	25,300	11,476	36,800	16,692	20,240	9,181	29,440	13,354
XS20	36,800	16,692	55,000	24,948	29,440	13,354	44,000	19,958
XS25	5,500	2,495	71,700	32,523	44,000	19,958	57,360	26,018
XS30	71,700	32,523	87,800	39,826	57,360	26,018	70,240	31,861
XS40	87,800	39,826	108,300	49,125	70,240	31,861	86,640	39,300
XS50	108,300	49,125	130,000	58,968	86,640	39,300	104,000	47,174
XS70	130,000	58,968	157,800	71,578	104,000	47,174	126,240	57,262
XS85	157,800	71,578	159,200	72,213	126,240	57,262	159,200	72,213

**RP1/RP2/
RP3**

Rock Penetrator:

Greater bottom wear and penetration



AG

Abrasion:

High abrasion



BPS

General Purpose:

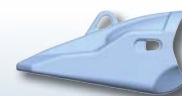
General applications



RPX

Rock Penetrator Heavy:

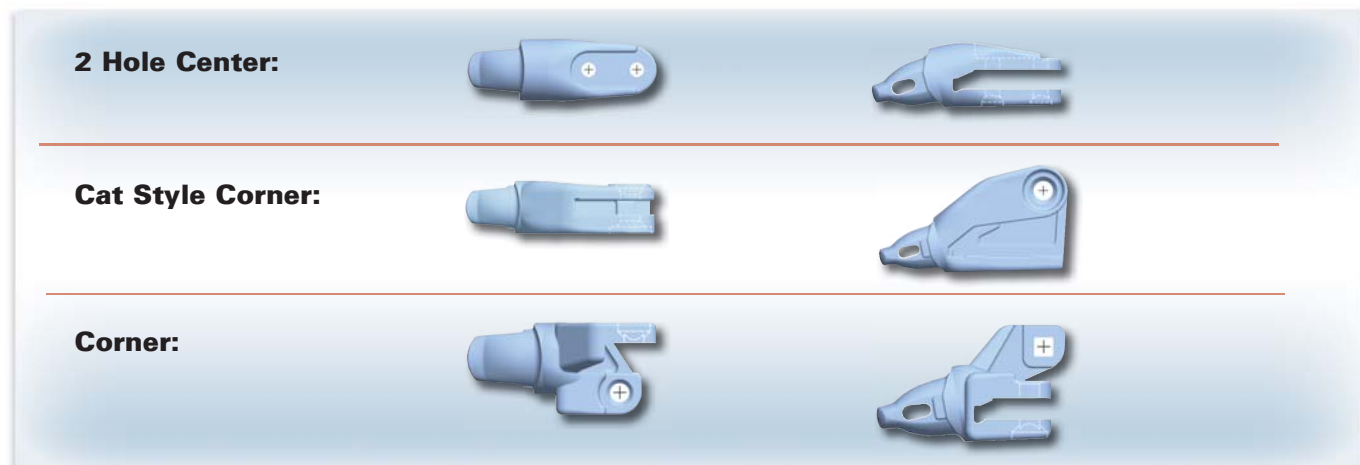
More material for longer wear life



XS ADAPTERS

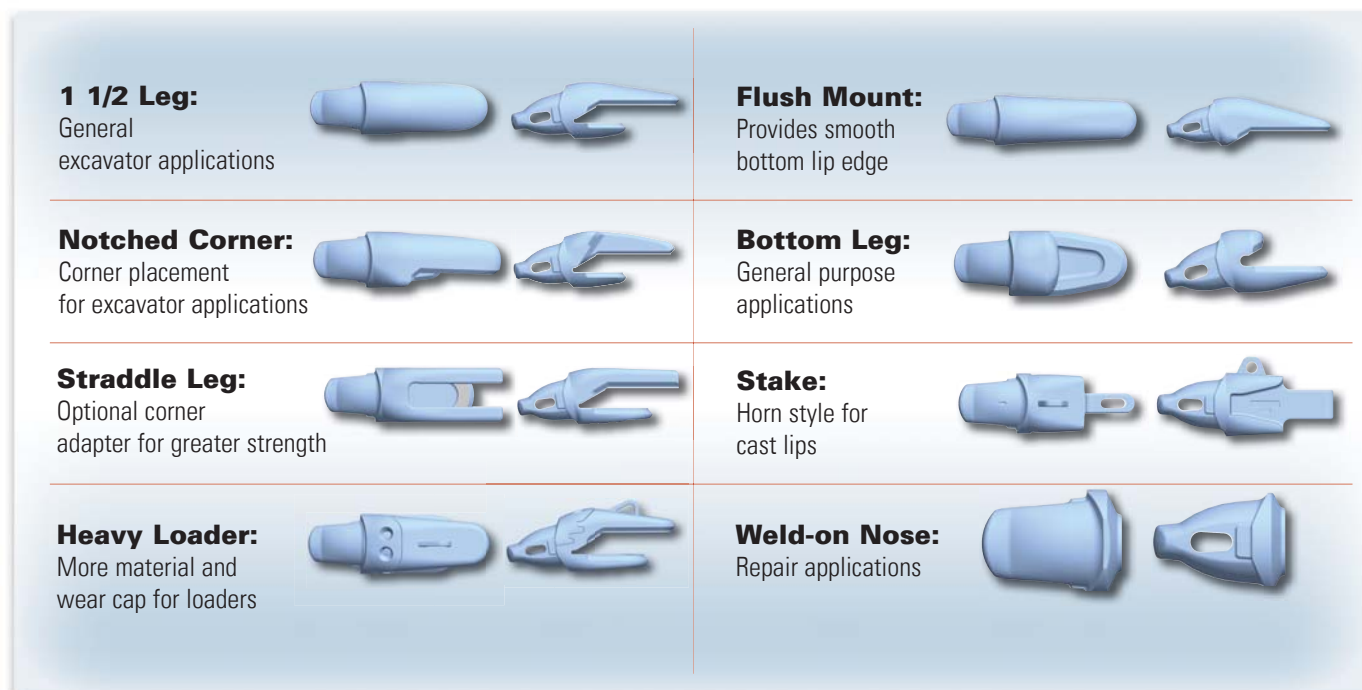
BOLT-ON ADAPTERS FOR LOADERS

XS bolt-on adapters have a shape that promotes smooth flow of material over the tooth/adapter for even, consistent wear, no matter how abrasive the materials. The unique patented GET system produces a cost effective, productive and worry-free product so you can get the job done.



WELD-ON ADAPTERS FOR EXCAVATORS & LOADERS

From loose dirt and crushed concrete to the most abrasive mining applications, the XS weld-on adapters are designed for peak performance no matter what the job. State-of-the-art computer software helped engineers at Hensley to develop a system that gives you maximum penetration, greater production strength and longer life.



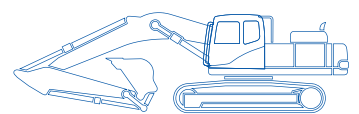


GET

Safety First! Hensley Industries recommends that you use a soft-faced hammer and ANSI (Z87.1) approved eye protection when using our products.

FOR MORE INFORMATION:

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