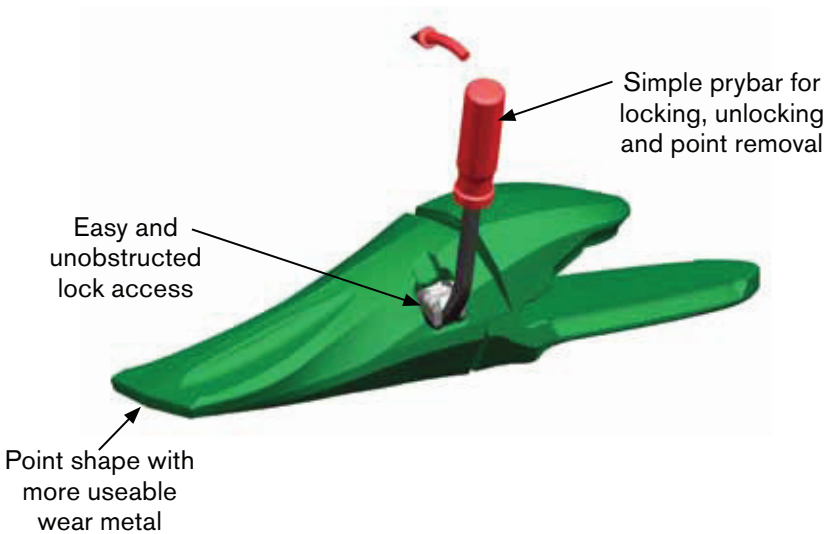
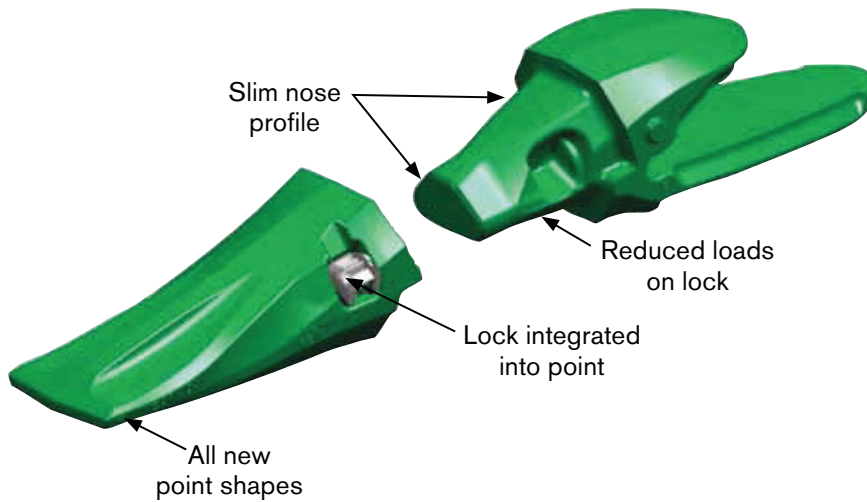


Ultralok[®] Tooth System



ESCO is the leader in innovation and performance for wearparts in the earthmoving industry. Keeping with that tradition, ESCO is excited to introduce the latest breakthrough in construction tooth systems — the Ultralok Tooth system.

Ultralok is an innovative and cost-efficient tooth system that answers customers' needs in any machine application. The revolutionary integrated locking device makes the Ultralok system two pieces — unlike the traditional three piece tooth systems of the past. The Ultralok is truly a hammerless system, not simply a hammerless locking device. Safety is increased, inventory is reduced and field replacement is simplified.



Benefits and Features

Improved digging performance

- Better penetration than the competitors through:
 - Lower nose height
 - Smooth point to adapter transition
 - Unique triangular nose shape
 - All new streamlined point shapes

Easier to use

- Lock integrated into the point
 - Reduced customer inventory items
 - No picking the wrong sized lock
 - No losing the lock in the field
- One simple tool operates the system— a pry bar
 - Locks point to adapter
 - Unlocks point from adapter
 - Aids in point removal from adapter
- Convenient lock access for operator

Increased safety

- Completely hammerless system
 - No hammer needed to lock point to adapter
 - No hammer needed to unlock point from adapter
 - No hammer needed to aid in point removal from adapter
- No hammer means reduced chance of injury

Ultralok[®] Tooth System

Features and Benefits

Longer wear life

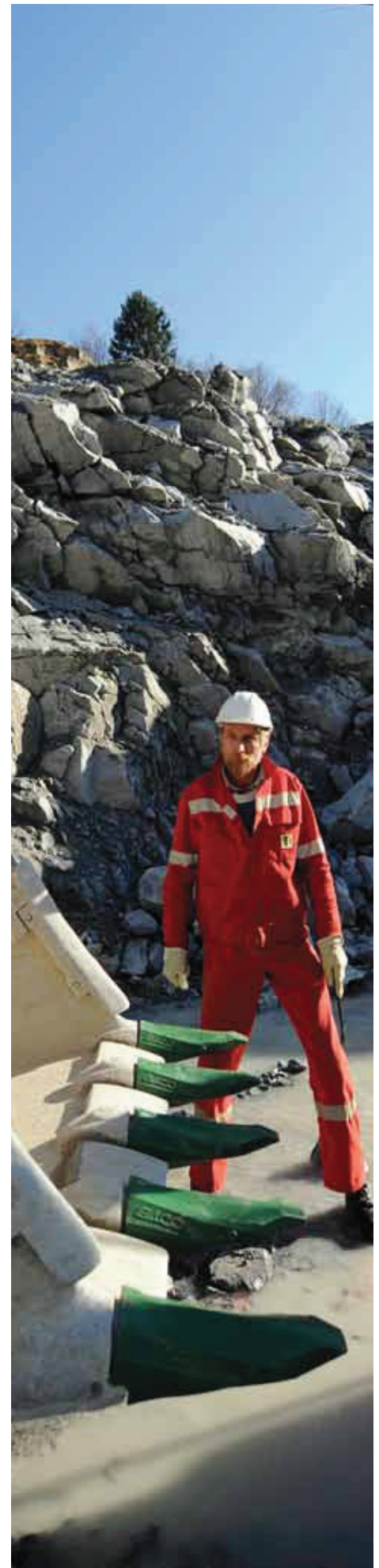
- Average 15% more usable wear metal than competitive systems
- Harder and tougher alloy steel than competitive systems
- Improved penetration aids in wear life increase

Better reliability

- 10% more stabilized mating flats than closest competitor
- Reduced locking device loading
- Proven lock materials and assembly process
- Lock is in reduced wear position

Reduced labor cost

- Improved wear life means less frequent change outs
- Integrated locking device
 - Mistake-proof integrated lock reduces change out errors
 - Point installation is easier with less pieces to handle



Ultralok[®] Tooth System

Point Shapes

Hydraulic Excavators and Face Shovels

S – The S is a standard point, an excellent choice for excavators and wheel loaders in general purpose applications. Designed to wear sharp for penetration, and features a center rib for greater strength.

C – The C is a chisel point primarily for use on excavators. The design provides good penetration and extra wear metal in tough applications. The heavy-duty rib and unique tear-drop relief in the bottom keeps the point sharp throughout its wear life.

P – The P is a pick point for extremely hard to penetrate materials, and is primarily designed for excavators but can be used on wheel loaders. Top and bottom ribs provide strength and ensures the point stays sharp.

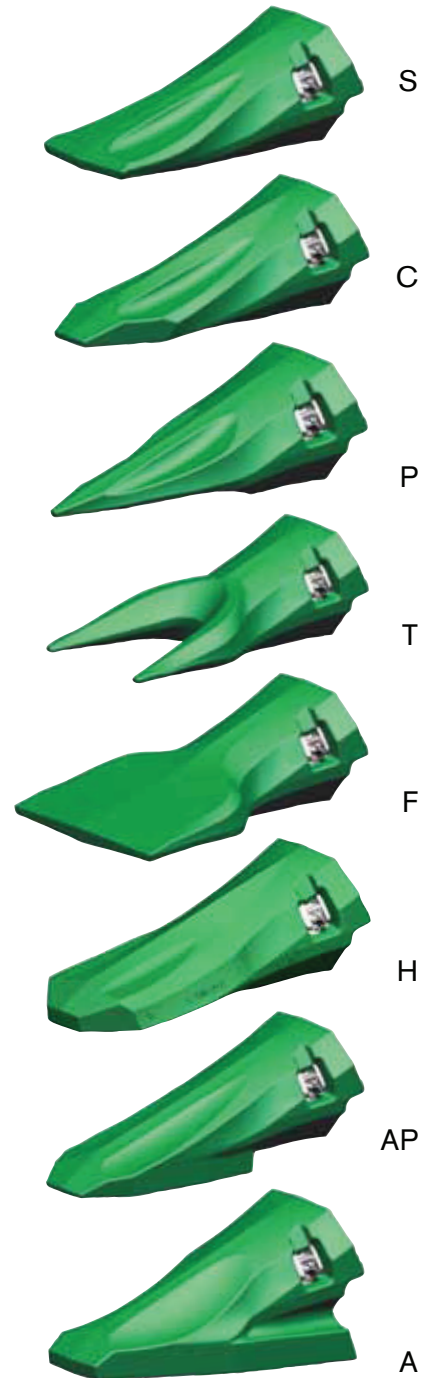
T – The T is a twin pick point for maximum performance in hard to penetrate materials. The unique configuration minimizes the chance of rocks wedging between the tines; and is designed for use in the corner positions in conjunction with P style points to cut clearance for the buckets sides. The corner teeth can be switched to maximize wear life.

F – The F is a flared point for general purpose digging and continuous edge applications – an excellent choice for trench bottoms and foundation excavations. The wide blade maximizes bucket capacity.

H – The H is a heavy point for extremely abrasive applications and is primarily designed for excavators. Additional wear metal provides long point life. The heavy-duty rib and unique tear-drop relief in the bottom help to maintain sharpness as the point wears.

AP – The AP is a heavy-duty penetration point for wheel loaders with added wear metal for highly abrasive applications. The beveled tip design ensures sharpness, and the top center rib helps maintain the sharpness. An integral bottom wear shoe provides long life.

A – The A point is designed for optimum wear on wheel loaders working in extreme abrasion applications. The beveled tip and top contoured panel ensures excellent bucket loading. The full length bottom wear shoe provides maximum wear life and ensures a smooth floor to minimize the chance of tire damage.



Quality You Can Rely On

ESCO Corporation will replace at no charge any Ultralok point or adapter that breaks, FOB point of manufacture, due to defects in materials or workmanship, providing it is not worn out and 100% ESCO components have been used in the assembly.