



WEHR

ESCO

Whisler Plus™
Mining Lip System

Our company

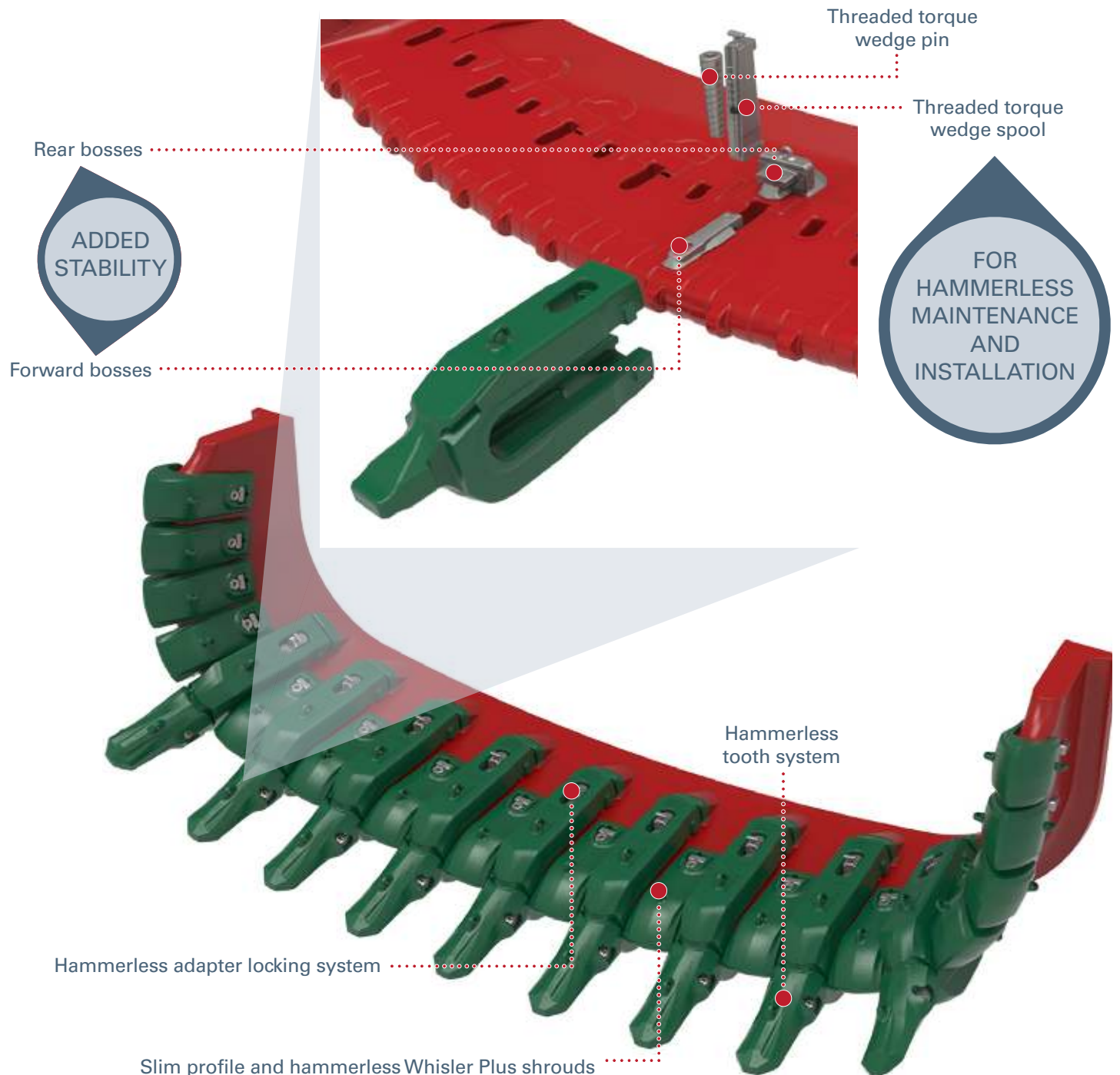
ESCO® is an independent developer and manufacturer of highly engineered wear parts and replacement products used in mining, infrastructure development and industrial applications. We have focused on product innovation throughout our 100 year history. We believe in moving earth as quickly, inexpensively, and, most importantly, as safely as possible.



Whisler Plus™ mining lip system

The Whisler Plus system is a complete lip offering for cable shovel dippers. Key features and benefits include:

- Hammerless locking system for all G.E.T. components for improved safety
- Increased adapter and shroud stabilization reduces lip wear and associated maintenance
- Over 30% increase in new or worn adapter strength enables longer adapter life and less chance of breakage for improved reliability
- Easy to retrofit to existing Whisler lips to reduce the cost of conversion



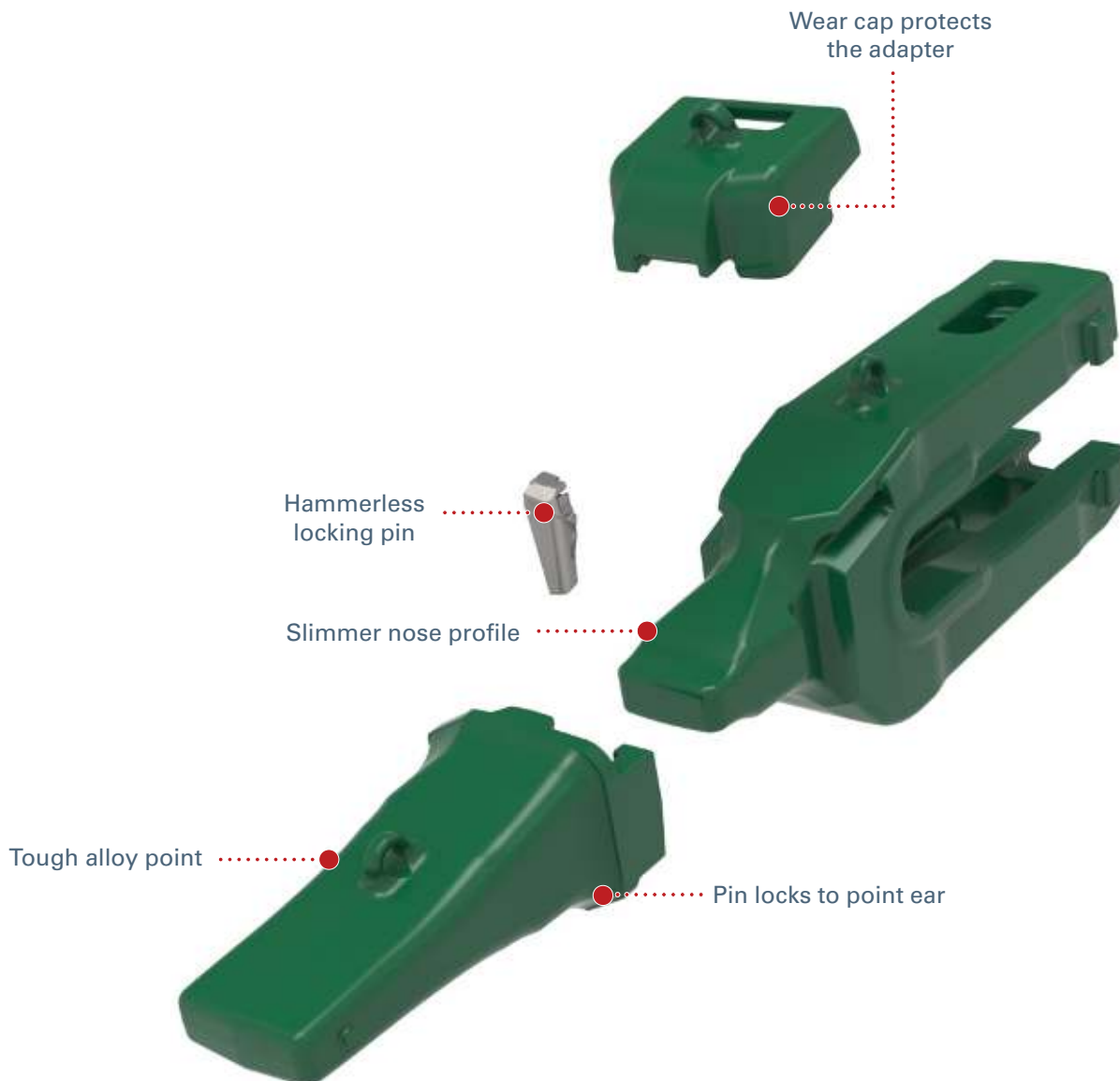
Tooth systems - SV2®

We've got you covered with proven, industry leading Ground Engaging Tools for Whisler Plus™ lips. Whether SV2 or Ultralok® Mining, you select the best system for your application and maintenance practices. Each system is designed and manufactured to exacting specifications to withstand the rigors of the job. Check out these options:

SV2 mining

The SV2 tooth system, cast in premium ESCO® alloys, provides enhanced productivity and reliability. Key features and benefits include:

- Hammerless locking system for improved safety
- Slimmer nose profile allows points to wear more completely with up to 72% usable wear metal for a longer wear life
- Slim profile design requires less force to fill the bucket, reducing maintenance and fuel consumption

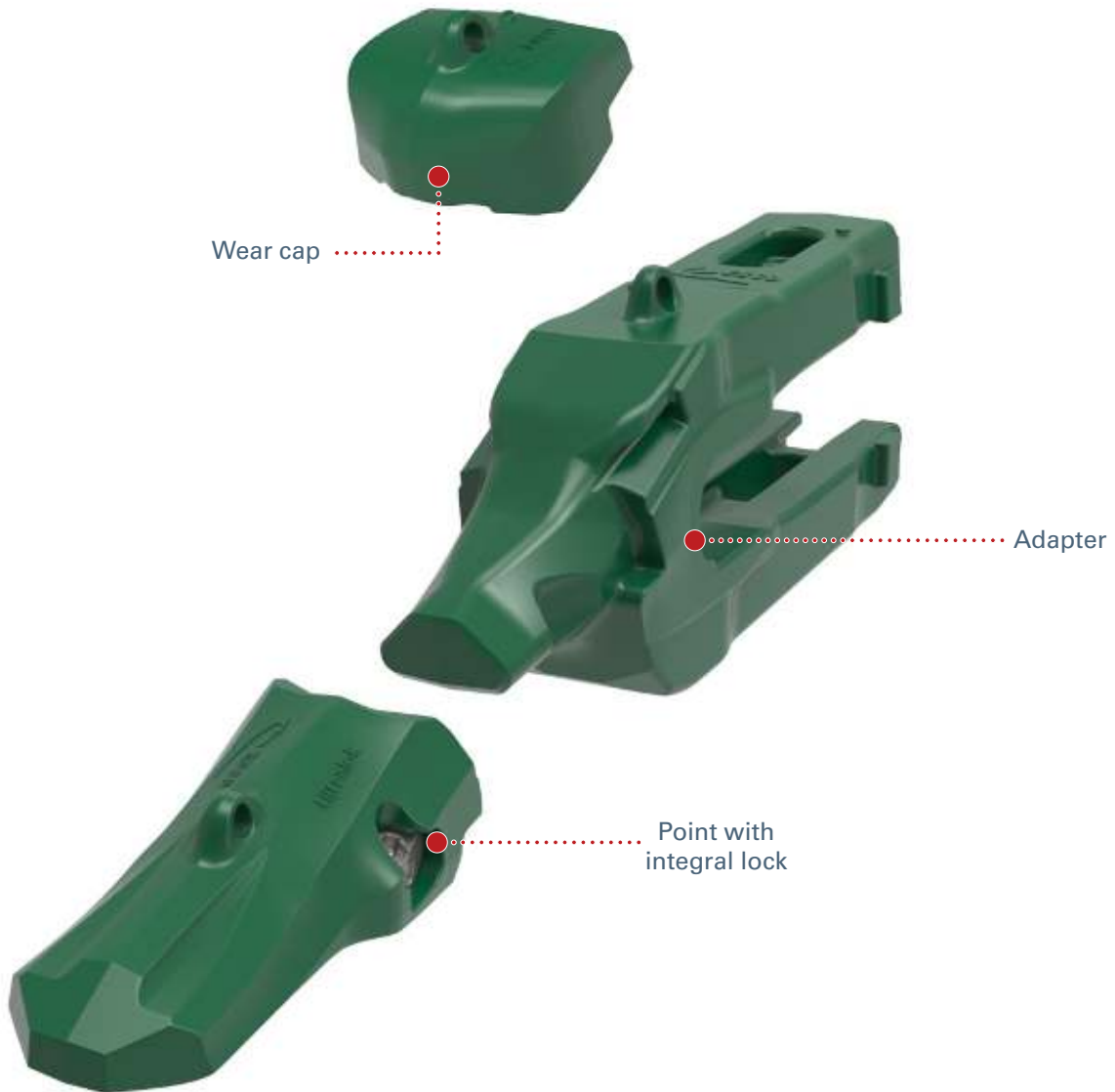


Tooth systems - Ultralok[®]

Ultralok mining

The Ultralok Mining tooth system is designed for improved productivity and optimum safety. Key features and benefits include:

- Hammerless locking mechanism requires only a standard hand tool
- Integral lock ships with the tooth, less inventory
- Increased wear metal for extended service life and reduced maintenance
- More frontal thrust bearing surface area to handle pound back and nose wear



Point shapes

SV2®

Ultralok®

Penetration

CHD - Extra heavy-duty chisel contour provides additional strength and wear metal, but also allows good penetration.



RXL - Long profile provides good balance of abrasion resistance and penetration in tough applications.



RMX - Heavy duty shape for moderate abrasion, penetration and sharpness with additional wear metal on top.



RXXL - Extra long contour provides maximum wear life while maintaining ability to penetrate.



RHXL - Extra heavy-duty long shape for optimum strength and maximum wear life in extreme conditions.



R - Rock, a good balance of abrasion resistance and penetration.



RL - Rock-Long, longer profile provides increase wear life while maintaining ability to penetrate.



RH - Rock-Heavy Duty, recommended for highly abrasive applications. Additional wear metal in the bit and the box areas provide longer point life.



RHL - Rock-Heavy Duty Long, extra heavy-duty long shape for increased strength and maximum wear life in extreme conditions.



Wear life

Whisler Plus™ shroud system

ESCO's Whisler Plus lip and wing shrouds were developed to provide complete cable shovel lip protection that is significantly easier and safer to install and remove than conventional designs. The shrouds are slimmer for improved penetration and are retained with a simple, hammerless torque wedge locking device to ensure maximum retention.

Lip Shroud



Wing Shrouds





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