

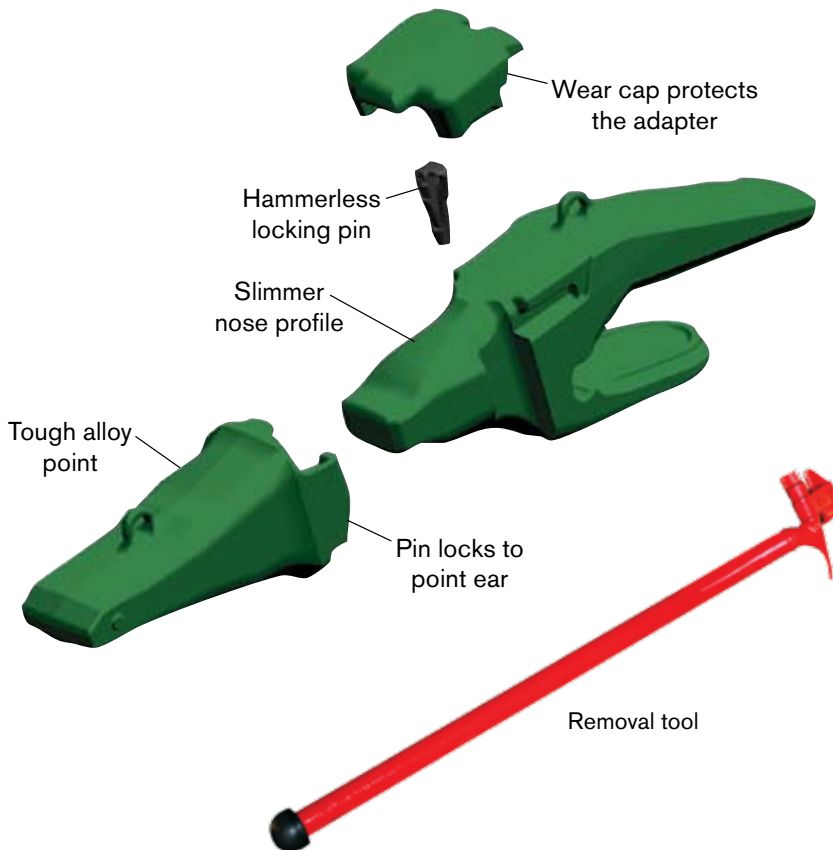
ESCO SV2® Mining Tooth System

SV2[®] Mining Tooth System



ESCO is the proven leader in mining wear parts, and the SV2 tooth system is the latest innovation to service satisfied customers around the world. In addition to the enhanced productivity and reliability of the system, customers appreciate the improved safety the SV2 system offers with its hammerless locking system. Cast in premium ESCO alloys, ensures the best balance of hardness and impact resistance to perform above all others in the most demanding applications.

The SV2 system is available to suit mining-class hydraulic face shovels, excavators, wheel loaders, and electric cable shovels. Both weld-on and mechanical adapters are offered.



Features and Benefits

Improved safety

- Hammerless locking system.
- Wear caps with hand grips for easier installation.
- Tooth and wear cap fit areas minimize wedging for easier field replacement.

Longer wear life and greater productivity

- Slimmer nose profile allows points to wear back further with up to 72% usable wear metal.
- Unique profile design enables the tooth to stay sharp throughout its wear life.

Reduced maintenance and fuel consumption

- Slim profile design requires less force to fill the bucket.
- Improved penetration reduces load on the engine, transmission, tires and hydraulic system.

Enhanced reliability

- System provides up to a 30% increase in nose strength depending on the size and tooth shape.
- Significant increase in fatigue resistance allows the product to keep working when other systems fail.



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Point Shapes

Hydraulic Excavators and Face Shovels

RX: General purpose for moderate abrasion, penetration, and sharp profile.

VX: Pick profile for maximum penetration. Ideal for hard to penetrate material like shale or in heavy frost conditions.

SD: Chisel taper for moderate penetration with excellent strength. Provides a good balance of penetration and wear life.

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

Cable Shovels

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

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.

Loaders

AG: Abrasion point with wear shoe provides good penetration with superior abrasion resistance.

ADHL: Extra heavy-duty shape with wear shoe for maximum abrasion resistance in the toughest conditions.





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