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ESCO

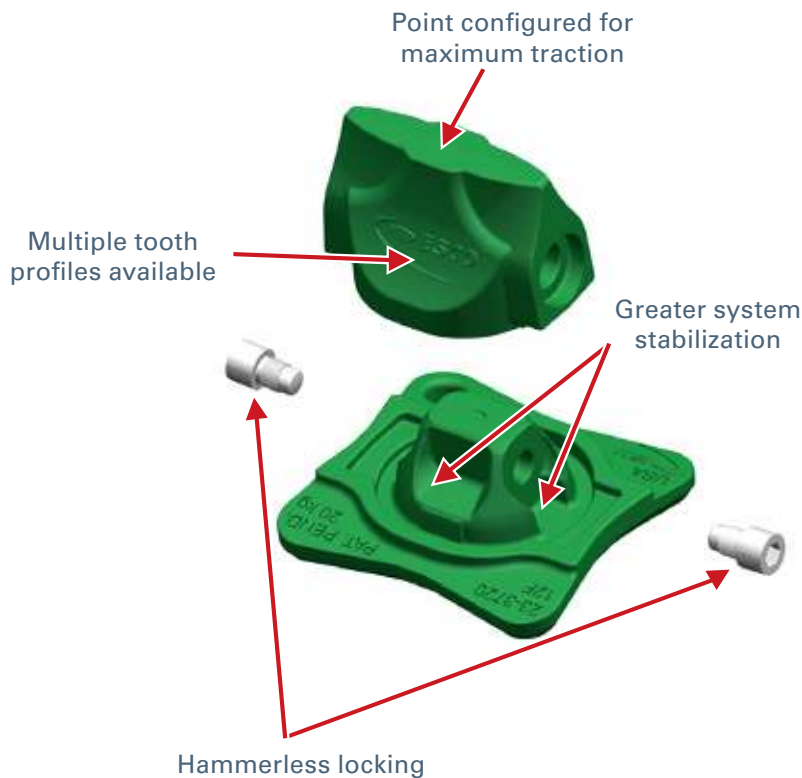
ESCO® Drive Feed Roll
Tooth System
For Metal Recycling Shredders

ESCO® drive feed roll tooth system

Innovation for greater production and reliability

ESCO metal recycling hammers, grates and accessories are known in the industry to provide excellent wear life, reliability and economic value. Our engineering expertise and quality steel manufacturing provides customers with unsurpassed performance. Keeping with that tradition, ESCO is introducing a replaceable tooth system for drive feed rollers (DFR).

The ESCO DFR tooth system features a reliable hammerless locking system for improved site safety and simplified replacement. The point profile is designed to penetrate the feed material for maximum traction. The point is mounted on a base configured for full stabilization to optimize reliability and minimize downtime. The result of using the ESCO drive feed roll point system is increased product output, lower operating costs and reduced maintenance.



Features and benefits

Improved safety

- Hammerless locking mechanism
- Cast lifting eye in base for easier positioning
- Precision fitment simplifies point installation
- Extended wear life and reliability for reduced maintenance

Greater productivity

- Optimum material traction improves feed rate and operator control
- Quick point replacement reduces maintenance cycles
- Longer wear life for more machine uptime
- Multiple tooth profiles available to match clearance requirements

Reduced operating costs

- Optimized feed rate increases product output
- Long wear life improves cost per ton
- Simplified replacement reduces maintenance

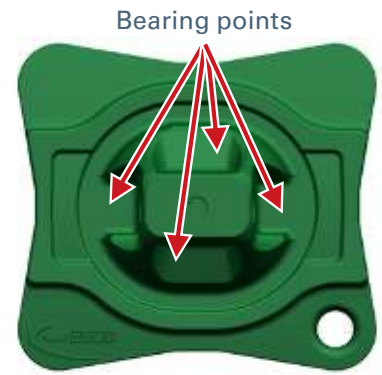
Point profile engineered for penetration and traction

The symmetrical point profile was developed to provide excellent material penetration, even as it wears. Better penetration ensures the best possible material traction to maintain the desired feed rate into the shredder for maximum productivity. As the outside corners wear, the centerline area of the point forms a sharp profile for superior material traction. The tip is reversible for applications that do not wear symmetrically.



Full stabilization for system strength and reliability

The ESCO® DFR point system is designed with a stabilized system of bearing points to carry the working loads. The lock mechanisms only need to hold the point in place, making the system more reliable.



Reliable hammerless locking mechanism

Two high-strength cap screws and nuts are used to so secure the point. Each screw is well recessed to protect it from material flow and may be reused for multiple point installations. A standard 3/4 inch impact wrench or hand tool can be used to quickly install and remove the screws.





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