

Tire Bead Breaking

ESCO Bead Breakers have become a staple in the tire service industry for well over 30 years. ESCO provides a wide range of bead breakers that can handle rim sizes from the smallest to largest of application. Here are some examples of Rim Styles & the type of Vehicles they can be found on.

Styles of Rims:

Single Piece Rim



The Most common rim in the Over-the-Road Category.

Some Include:

Backhoes, Small Construction Equipment, Aerial Platforms, Compact Trailers, Recreational & ATV, Lawn & Garden Equipment, Small Wheel Loaders, Hub Wheels, Sprocketed Hub Drive Wheels, Trailers, Skid Steer Loaders, and More...

Two Piece Rim



Two Piece Rims are not as common however, ESCO products can be used on any combination of rim/wheel assemblies. Pieces include Front Flange & Rim Base.

Some Include:

Industrial Forklifts, Demountable Rims & Components Used on Heavy Trucks, Military Trucks & Trailers, Two Piece Bolt Together Style Rims, Utility Vehicles, Ground Support Equipment, and More...

Three Piece Rim



Three Piece Rims are the most common in off-the-road, agricultural, & mining applications. Pieces include Locking Ring, Rim Base, & Front Flange.

Some Include:

Construction Equipment, Telehandlers, Wheel Loaders & Graders, Articulate Haulers, Military Trucks & Trailers, Surface, Underground Mining Equipment, and More...

Five Piece Rim



Five Piece Rims are specific to mining & are most commonly large tire specific. Pieces include Locking Ring, Bead Seat Band, Front Flange, Rim Base, & Back Flange.

Some Include:

Haul Trucks, Mining Vehicles, Articulating Haulers, Wheel Loaders, Rubber Tired Dozers, and More...

