

INNOVATION.
NOT DUPLICATION.™



MINING SOLUTIONS

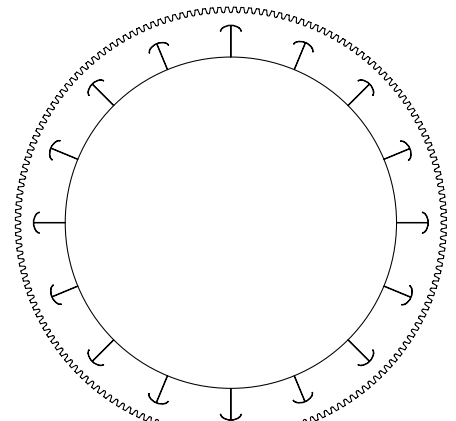
BIRRANA™ SLOTTED BRAKE PLATES

H-E PARTS INTERNATIONAL (H-E PARTS) PROVIDES SOLUTIONS FOR THE ENTIRE DRIVETRAIN, SPECIALIZES IN THE RE-MANUFACTURE OF MAJOR MOBILE EQUIPMENT COMPONENTS, AND OFFERS INDUSTRY LEADING BIRRANA™ PRODUCTS. THE ENHANCED DESIGN FEATURES OF THE BIRRANA™ PRODUCTS DELIVER EXTENDED LIFE, EASE OF MAINTENANCE, AND SUPERIOR PERFORMANCE.

In applications where extreme brake use is required, such as fully laden declining haul roads, steel plates in commonly supplied wet disc friction brakes can warp due to excessive heat. Brake failure can then occur, contaminating the brake cooling system and creating significant truck down time.

SOLUTION

The H-E Parts engineering team has developed technology to combat this issue through the design and manufacture of the Birrana™ slotted brake plate. This solution incorporates specifically patterned 'slots' that prevent the plates from yielding (warping) and allow for greater useful life to be gained in unique applications, exposed to particularly harsh conditions. Birrana™ brake plates also have a proprietary tooth design that reduces overall stress in the brake teeth, increasing fatigue life and ensuring the braking system operates in optimal condition.



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