

HOERBIGER – Blocker Ring Evo (BRE)

The New, Formed Single-Cone Synchronizer Ring

HOERBIGER is the largest independent manufacturer of complete synchronizer systems worldwide. The proven HOERBIGER - Classic Line offers solutions for all applications from single-cone to triple-cone systems. The innovative HOERBIGER - SKS Line provides advantages in terms of function and cost, primarily when it comes to the single-cone systems, and is an excellent choice for automatic gear shifts in DCTs and AMTs.

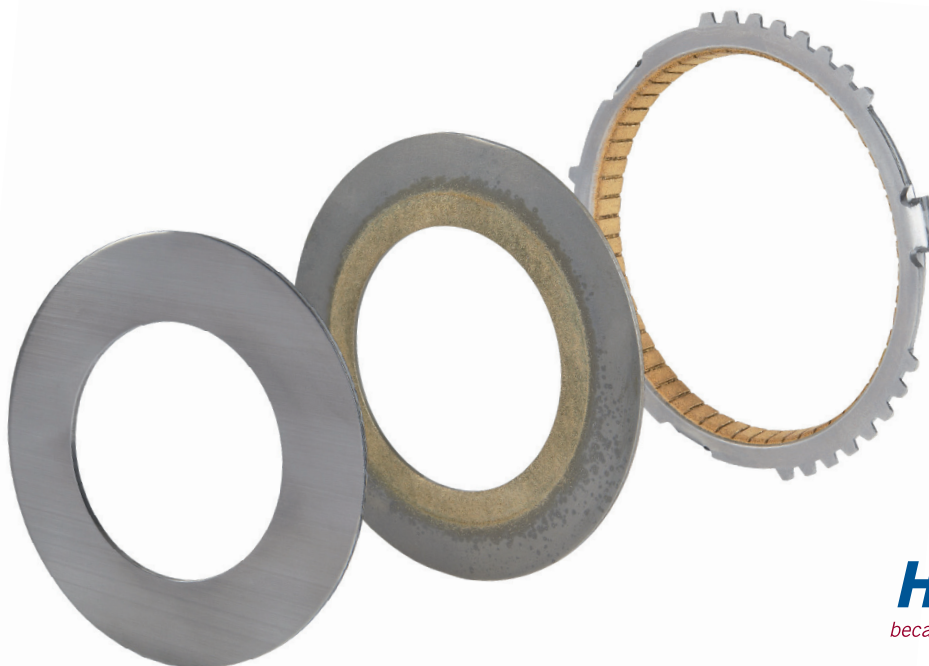
A new single-cone synchronizer ring, the Blocker Ring Evo (BRE), was developed for the HOERBIGER - Classic Line. It optimally blends the positive properties of formed steel carrier rings and powerful sintered friction linings.

Conventional single-cone synchronizer rings are marked by friction linings that are glued into a carrier ring. By combining the know-how in the fields of metal forming technology and lining technology, HOERBIGER developers have succeeded in directly sintering the friction lining onto the steel carrier and then forming the single-cone synchronizer ring in the forming press.

Because the gluing process has been eliminated, the strength of the synchronizer ring has been further increased and the manufacturing process has been simplified at the same time. The new, formed single-cone synchronizer ring, the Blocker Ring Evo (BRE), can be used 1:1 in existing installation spaces.

The outstanding properties have been verified in the HOERBIGER test bays both on component test benches and in transmissions.

The new, formed HOERBIGER single-cone synchronizer ring, the Blocker Ring Evo (BRE), is an important milestone in the endeavor to reduce drag losses, weight, and costs in the transmission.




HOERBIGER
because performance counts