The innovative solution from Friction Systems

Our Segmented Synchronizer System offering space, weight and cost advantages for manual, dual clutch and automated manual transmission.
The innovative **Segmented Synchronizer System S³** provides weight, space and cost benefits compared to conventional multi cone synchronizers while maintaining equivalent performance and shift quality. The key innovation is a split friction ring with a small inner cone angle for generating high friction torque and a large outer cone angle for release without self-locking.

The segmented synchronizer can be either integrated into the construction space of a standard multiple cone synchronizer (Drop-in design) or into new applications utilizing all benefits of the design. Therefore it is the ideal solution for new transmission designs (manual, dual clutch, and automated manual transmissions) as well as for transmission upgrade or improvements programs.

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**Case Study**

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**Performance Comparision**

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**There’s much more to talk about – please get in touch to find out how we can help you to improve your business!**