

PORTFOLIO

SYNCHRONIZER RINGS

Diehl SynchroTec is a successful partner to the automotive industry in the area of synchronizer ring production. We develop and produce high-performance brass and steel synchronizer rings for all application areas.

We offer synchronizer rings in various dimensions and are able to customize these specifications according to the requirements of our customers.



TECHNICAL DETAILS

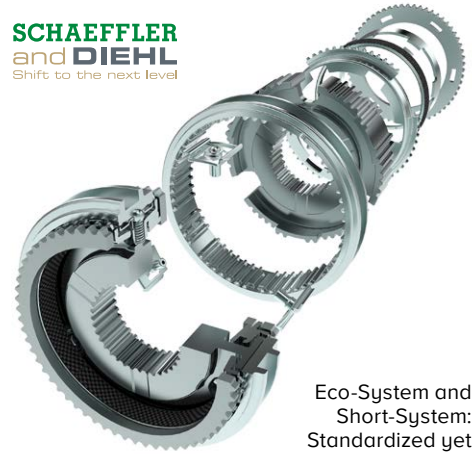
Ring type (mm)	Component					
	TC78	DC78	SC78	TC66	DC66	SC66
Maximum diameter	94	94	94	83	83	83
Cone diameter	78 / 74 / 68	78 / 74	77	67 / 62 / 56	67 / 62	66
Outer ring width	10	10	9	10	10	9



SYNCHRONIZATION SYSTEMS

Diehl Metall and Schaeffler have combined their expertise in the field of synchronization systems: Their extended portfolio comprises tried-and-tested components with standardized design as well as solutions for optimizing the design space without sacrificing performance.

SCHAEFFLER
and **DIEHL**
Shift to the next level



Eco-System and Short-System: Standardized yet tailor-made solutions.

DIEHL SOLUTION

Due to our expertise in tribology, our time-tested alloys and carbon friction layers, we support the heart of the synchronization systems with the following components:

Ring type (mm)	ECO-L			ECO-M		
	TC78	DC78	SC77	TC67	DC67	SC68
Maximum diameter	94	94	94	84	84	84
Cone diameter	78 / 74 / 68	78 / 74	77	67 / 62 / 56	67 / 62	68
Outer ring width	10	10	10	9	9	8
Outer diameter of synchronizer system	96-107					
Space for installation	30-39					



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