



GatesFacts™ Technical Information Library  
Gates Compass™ Power Transmission CD-ROM version 1.2

The Gates Rubber Company  
Denver, Colorado USA



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## **GATES TANDEMATIC BELTS**

Circa 1970 Gates developed the Tandematic belt and a special split rim sheave for use on over-the-road tractors to provide power to the dead axle from the live axle.

This unique belt was heavily loaded with tensile cord to provide a high modulus, low growth belt. There was no center distance adjustment on these drives.

The special split rim sheave installed on one axle shaft could be separated at the rim (groove area) via a bolt. The belt was then rolled-on into the groove and the sheave re-centered and bolted together.

This market began to diminish in the 1980's and the belt line was cancelled.