



O R B I T

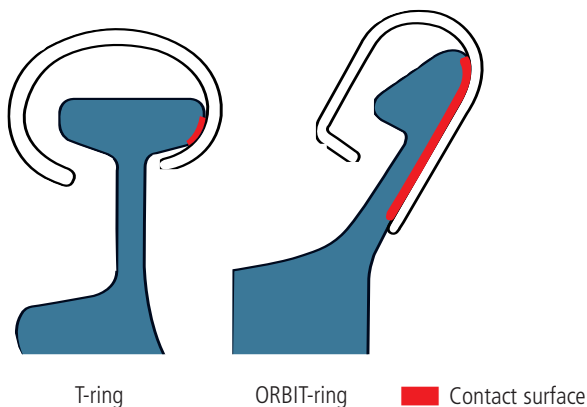
Bräcker

WORLD OF PERFORMANCE

ORBIT

Bräcker ring/traveller system

The ORBIT ring/traveller system (patented worldwide) is designed for spinning at top speed whilst producing best yarn quality.



The special features of the ORBIT system are :

- Large contact surface between ring and traveller
- Reduced specific pressure
- Optimum heat conduction traveller to ring

The ORBIT system provides unmatched advantages :

- Increase in speed and production
- Higher stability in traveller running
- Reduction of yarn breakage
- Consistent and improved yarn quality
- No thermal damage when processing synthetics

Application

The best results with the ORBIT ring/traveller system are obtained with combed cotton, polyester/cotton blends and 100 % polyester in the yarn count range from Ne 30 to Ne 60 (coarser or finer yarns also possible). Requirements for optimal functioning of the ORBIT ring/traveller system are : high performance spinning frames, good roving preparation and well controlled ambient conditions in the spinning mill.

The travellers are inserted with the Bräcker Rapid traveller inserting tool which reduces the downtime at traveller change.

Practical data

Machine	Material	Ne	Twist rate t/m	Ring ø	nSpi	Production g/h spindle
Rieter	Cotton combed	60	1180	38	21'500	10,70
Rieter	Cotton combed	50	1070	36	23'000	15,22
Toyota	Cotton combed	40	1050	38	22'000	18,54
Rieter	Cotton combed	30	925	38	19'500	24,80
Howa	Cotton/polyester	30	733	38	21'000	33,70
Rieter	Cotton/polyester	45	960	38	22'500	18,44
Zinser	Polyester	60	1120	45	16'000	8,40

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