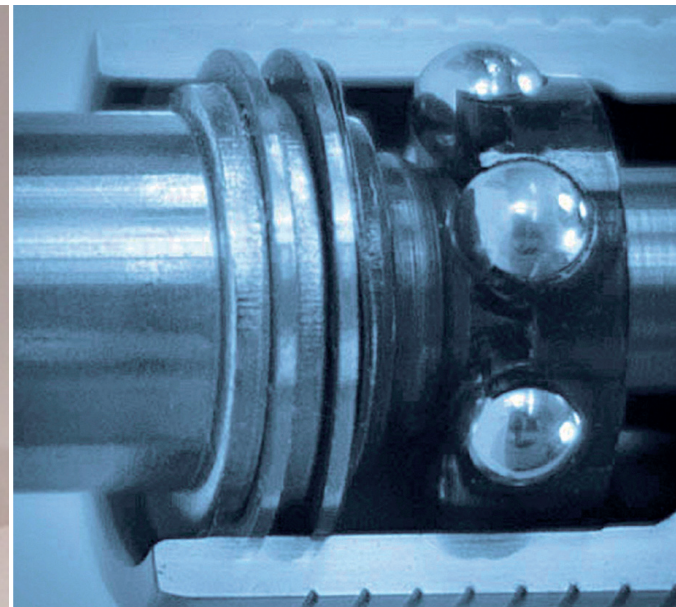
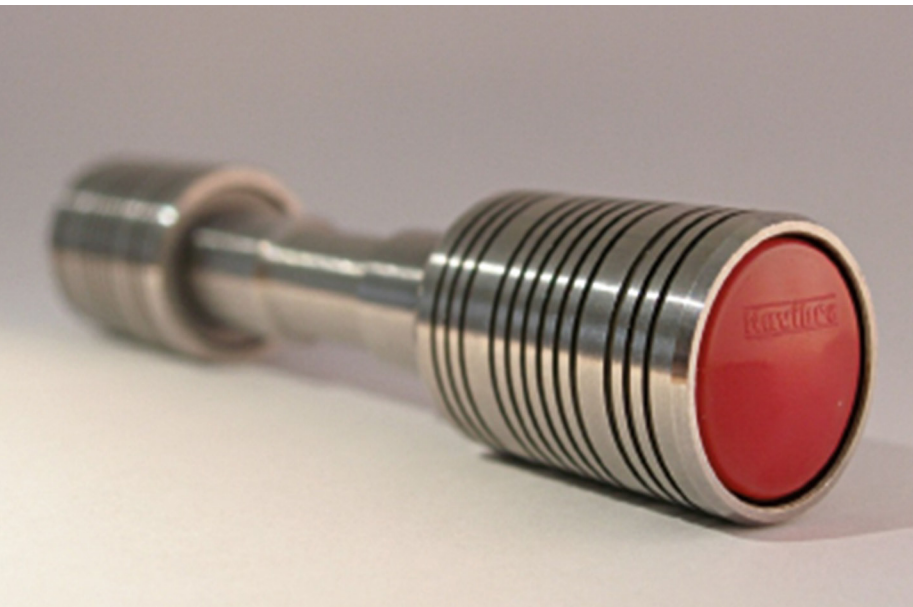


Novibra



Top Rollers

with the MICRO SEAL system

Top Rollers with the MICRO SEAL for new machines installations and for the replacement of existing ring spinning and roving frames

Outstanding precision-engineered product with superb operating performance and long life.

Top rollers manufactured by NOVIBRA are fitted with low-friction bearings and with MICRO SEAL sealing system which prevents the ingress of dust and lint.

As a result of the special top roller design, the high precision manufacturing techniques, optimally shaped ball grooves, special super-finishing of the ball tracks and the MICRO SEAL in combination with a high-quality grease, relubrication -if any- is only recommended after at least 100 000 operating hours under standard working conditions in the spinning mill.

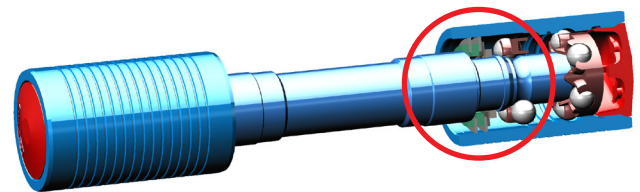
MICRO SEAL washers are hardened and ground on the outer diameter. They are not fixed to the arbor.

That is why they are :

- self-adjusting
- free from wear – no friction
- very precise (the gap is 20 microns versus about 150 microns of traditional seals) – very effectively preventing the ingress of impurities
- not creating any power losses

Top rollers are lubricated with Klueber Staburags NBU 12/300 KP.

Top roller with the MICRO SEAL system



Detail of the MICRO SEAL system

