



WE KEEP THE WORLD SPINNING  
**RZD** protected

  
**PROSINO**  
borgosesia rings

# RELIABILITY

**25.000.000 rings** sold so far are the proof of the strong reliability of **RZD PROTECTED** rings. Our black colour rings are known all over the world for their excellent quality/price ratio, their availability for any brand of spinning frames, their high technical content and their smooth, micro-porous and silky surface able to catch the natural lubrication of the fiber spun.



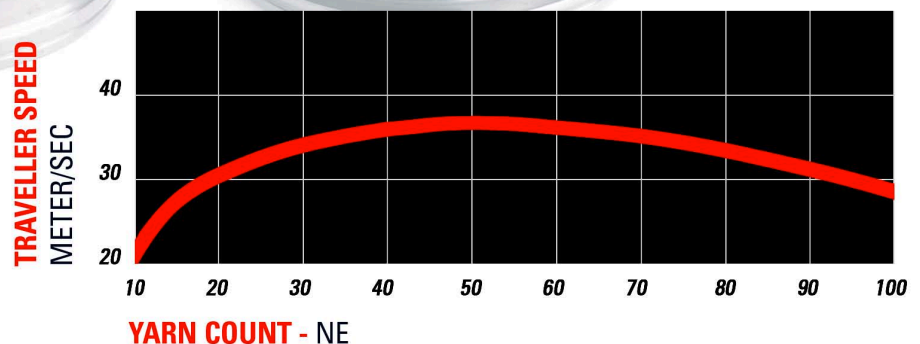
**RZD PROTECTED SURFACE** x 200 MAGNIFICATION AT **SEM** MICROSCOPE



AVAILABILITY OF ANY RING PROFILE



## FIELD OF APPLICATION



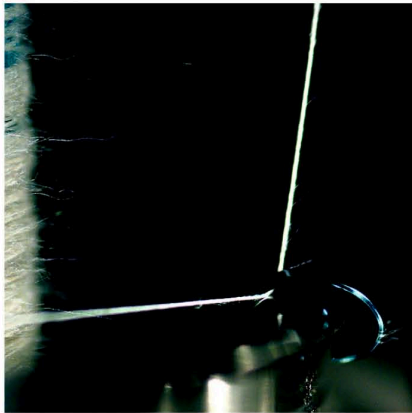
Superlative performances with fine counts (ne 60 and finer) and core spun yarns.



# TECHNICAL CHARACTERISTICS

Increased hardness (**HRC 60-64**) thanks to the application of the best high carbon and high chrome 100Cr6 core hardened steel which has high strain strength, high resistance to wear under high alternate traveller loads

Flange profile **ultra-precise** manufacturing without unevenness that represents the ideal traveller surface path



**RZD PROTECTED** RINGS DURING SPINNING PROCESS



CAREFUL CHECKING OF RING PROFILE

## VERSATILITY

**RZD PROTECTED** rings can be offered in the very interesting technical solution **RRAH** (*Reversible Ring on Aluminium Holder*): one spinning ring with 2 flanges and one aluminium holder with a cut

Its advantages are the following:

- 1.LESS WEIGHT:** the couple ring + holder weights less than the solid ring (generally between 30 and 40 grams) = LESS POWER CONSUMPTION FOR THE RING FRAME.
- 2.DOUBLE RING LIFE:** the ring can be used twice, since it has two flanges. When the first flange is over, the ring can be flipped in order to use the second one.
- 3.UNLIMITED LIFE OF THE HOLDER:** The customer keeps the holder for a lifetime (no wear on this component).
- 4.NO PROBLEM IN THE RING FITTING:** The holder replicates exactly the fitting part of the ring. Absolutely no problem in the fitting on the ring rails. The original circlips for fastening the ring can be used for the fitting.
- 5.LESS COST IN THE FUTURE:** The reversible rings (much lighter) are less expensive than the full steel ring.
- 6.FLEXIBILITY:** The holder can be eventually used in the future to fit non reversible ring with smaller ring



# OUR ADVANTAGES, YOUR BENEFITS

When it comes to spinning and twisting rings, **PROSINO S.r.l.** is the market leader with an yearly manufacturing of more than **9.000.000** rings and world market presence since 1946.

Maximum focus on the product, technical skills, great experience, fully automated manufacturing, **OEM's\*** partnership, consistency in quality, maximum care in before and after sales, **PROSINO S.r.l.** is the right partner of the best spinning mills worldwide.

That's why we are proud to say that  
**WE KEEP THE WORLD SPINNING!**



MEMBER OF

