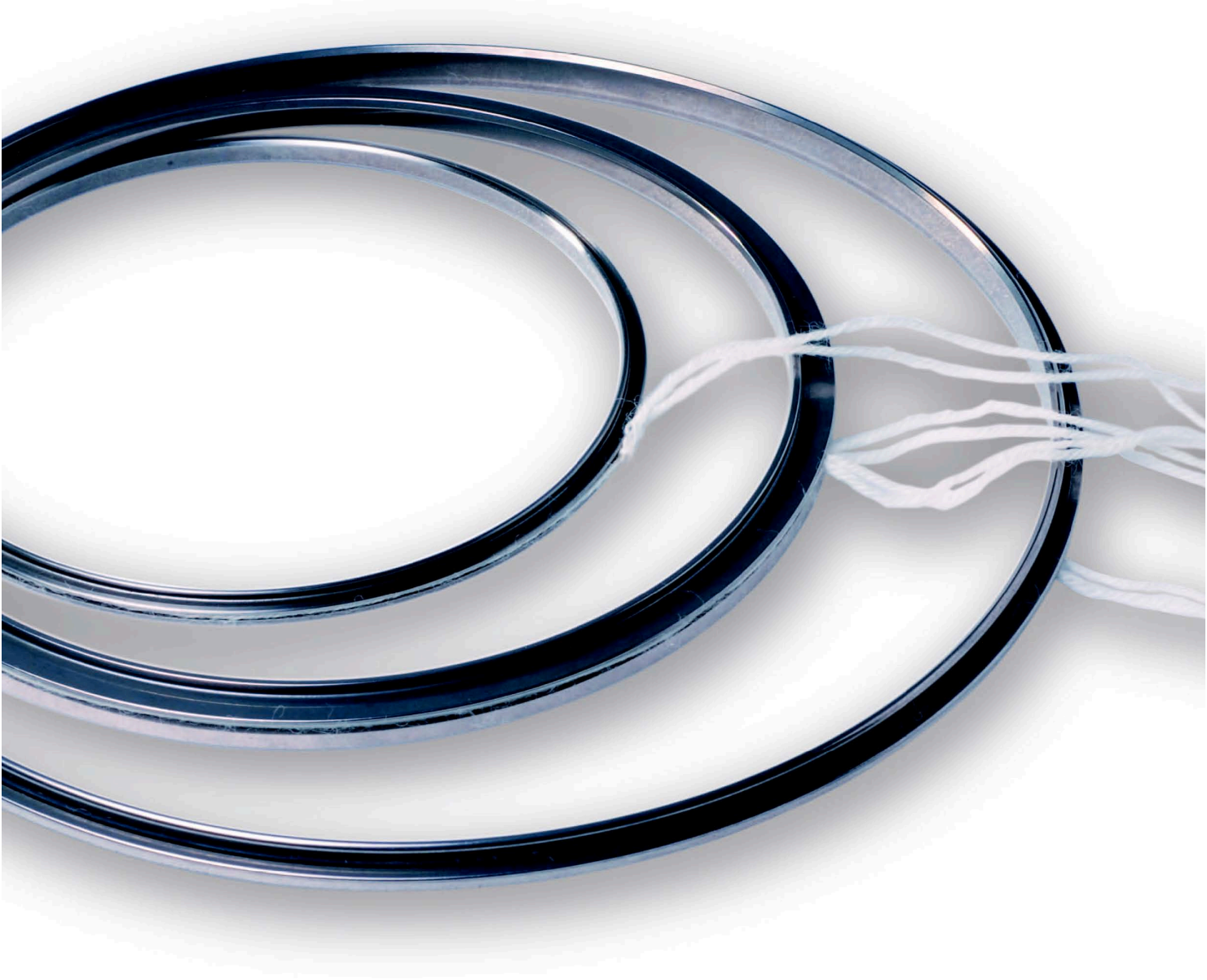


PROSINO
borgosesia rings



sinteredMETAL**rings**

WE KEEP THE WORLD SPINNING



TECHNICAL CHARACTERISTICS

PROSINO SINTERED METAL rings (more than 5.000.000 sold worldwide) have the following characteristics, chosen in order to give the perfect result in the most difficult working conditions:

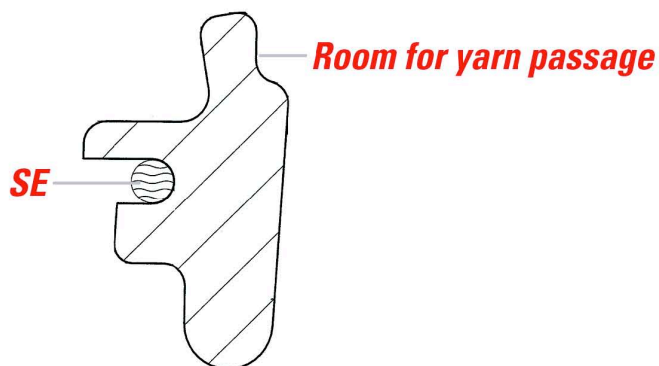
- **High hardness**, in order to assure a long ring life and a consistent traveller path condition.
- **Surface smoothness and low roughness**, in order to assure a correct running of the traveller and consequently a regular yarn tension.
- **Regular oil flow**, thanks to the choice of the best raw material and the most modern manufacturing techniques.



DIMENSIONAL RANGE

We can offer our rings with the following dimensional range to suit every customer need

STANDARD PROFILE and OIL FEED DESIGN



Height/Depth

(in mm)

4,8
6,35
9,52
10,3
11,1
12,7
16,7
17,1
17,4
25,4
38,1

Internal Diameter

(in mm)

45
50
55
60
65
75
82,5
90
110
120
127
133
136
140
152
165
180
195
216
227
250

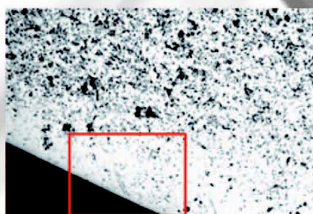
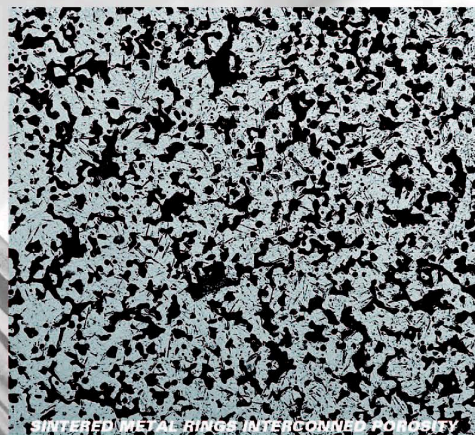
Our standard ring profile HZ-BS allows a very good yarn clearance. Our suggested oil feed design is the "SE": great profile strength, easy wick replacement and reduced maintenance costs.

(intermediate diameters and depth available on request)

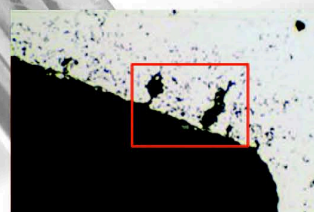
INTERCONNECTED and OPEN POROSITY

Thanks to our years of experience and strong relationship and valuable feedback from our customers, we have developed sintered metal rings, which assures a regular oil flow from the oil reservoir through the ring up to the traveller running path. This characteristic can be assured only with a very balanced blend of the metallic and non metallic powders and with a perfect sinterization process.

The key factor to reach the highest performances is that the ring porosity must be open on its surface. State of the art manufacturing technology is used to achieve this result. The porosity is kept open and it assures the best oil permeability throughout the ring. In attached example you can see the difference between the PROSINO's open porosity vs a ring from the competitors.



OTHER RINGS: surface porosity CLOSED



PROSINO: Surface porosity OPEN

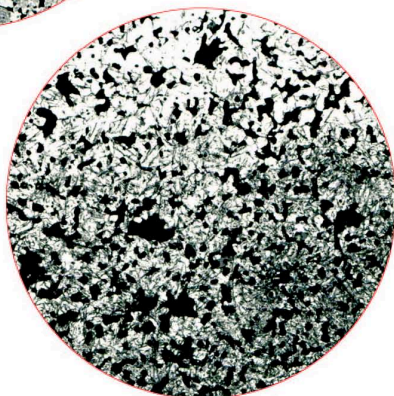
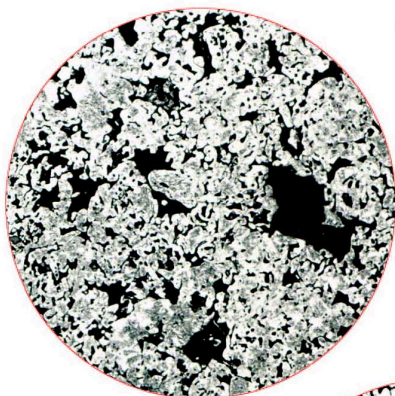
DIFFERENT MATERIAL TO SUIT YOUR NEED

PROSINO SINTERED METAL RINGS can be supplied in two different material according to their application

NYLON 4 = Specially designed for nylon traveller application. It has a high porosity. It's recommended for fiber glass application, carpet yarn, tyre cord, polypropylene yarn and sewing thread.

STEEL 1(*) = Specially designed for steel traveller application. It's more ductile and fatigue resistant thanks to the increased density and special alloy elements. Recommended for worsted, semi-worsted and blends.

(*) PROSINO sintered metal rings must not be used if the specific pressure exceed 10 KG/cm²



italy made

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 for the best spinning and twisting mills worldwide.

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

* **SwissTex** 



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oerlikon
saurer textile



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PROSINO

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