

Spinning rings
Steel conical rings

PROSINO
A Subsidiary of the Rieter Group

Steel Conical Rings

Long life worsted spinning rings



An exceptional choice in ring design

Steel Conical

OUTSTANDING ADVANTAGES

Proven Long-Term Reliability

Produced since 1946 and trusted by leading OEMs, delivering stable performance under high traveller loads

Optimized Ring-Traveler Contact

Special conical/concave running path ensures smooth interaction and consistent spinning conditions

Controlled Lubrication

The “4+4” micro-hole system provides the right amount of oil exactly where needed for long service life

High Wear Resistance

Made from hardened 100Cr6 steel with mirror-polished finish, ensuring durability in demanding applications



The High-Performance Solution for Worsted Spinning

Precision lubrication.
Long-lasting performance.

Manufactured from high-carbon, high-chromium 100Cr6 steel, Prosino steel conical rings feature a mirror-polished surface and excellent resistance to wear – ensuring years of stable operation.

“4+4” Lubrication system

Steel conical rings require precise lubrication control – neither too much nor too little.

The “4+4” micro-hole lubrication system, combined with 100% selected wool wicks, ensures:

- Constant oil distribution
- Smooth traveller running
- Long service life

Every 45°, the traveler encounters the ideal lubrication level.

Dimensional range & customization

PROSINO offers a wide range of standard dimensions compatible with major spinning frame brands, including:

- Cognetex
- Zinser – Saurer
- Edera
- Gaudino
- Edera
- Suessen

Additional dimensions and custom-made ring rails can be engineered upon request.

Main conical rings dimensions ID × FD × OD × H	Spinning frame
45 × 52 × 52.6 × 9.1	Cognetex
48 × 55 × 55.6 × 9.1	Cognetex
48 × 55 × 56.5 × 11.1	Cognetex
51 × 58 × 59.5 × 11.1	Cognetex
55 × 62 × 63.5 × 11.1	Cognetex
60 × 67 × 68.5 × 11.1	Cognetex
65 × 72 × 73.5 × 11.1	Cognetex
70 × 77 × 78.5 × 11.1	Cognetex
45 × 52 × 53.5 × 9.1	Zinser
45 × 52 × 53.5 × 11.1	Zinser
48 × 55 × 56.5 × 9.1	Zinser
48 × 55 × 56.5 × 11.1	Zinser
50 × 57 × 58.5 × 9.1	Zinser
50 × 57 × 58.5 × 11.1	Zinser
51 × 58 × 59.5 × 11.1	Zinser
52 × 59 × 60.5 × 11.1	Zinser
54 × 61 × 62.5 × 11.1	Zinser
55 × 62 × 63.5 × 11.1	Zinser
56 × 63 × 64.5 × 11.1	Zinser
57 × 64 × 65.5 × 11.1	Zinser
58 × 65 × 66.5 × 11.1	Zinser
60 × 67 × 68.5 × 11.1	Zinser
45 × 52 × 53.5 × 9.1	Gaudino
48 × 55 × 56.5 × 9.1	Gaudino
51 × 60.5 × 61.5 × 11.1	Gaudino
51 × 58 × 59.5 × 11.1	Gaudino
52 × 59 × 60.5 × 11.1	Gaudino
65 × 72 × 73.5 × 11.1	Gaudino
75 × 82 × 83.5 × 11.1	Gaudino
51 × 58 × 59.5 × 11.1	Edera
55 × 62 × 63.5 × 11.1	Edera
57 × 64 × 65.5 × 11.1	Edera
60 × 67 × 68.5 × 11.1	Edera
48 × 55 × 57.4 × 11.1	Suessen
50 × 57 × 59.4 × 11.1	Suessen
55 × 62 × 64.4 × 11.1	Suessen
58 × 65 × 67.4 × 11.1	Suessen



PROSINO S.r.l.
Via Garodino – Zona Industriale D4
28075 Grignasco (NO)
Italy
T +39 0163 418444
info@prosino.com

www.prosino.com

The data and illustrations in this brochure and on the corresponding data carrier refer to the date of printing. Prosino reserves the right to make any necessary changes at any time and without special notice. Prosino systems and Prosino innovations are protected by patents.

3884-v1 en 2606