



myonic

optimyn



Myonic is an international industrial company with branch offices in Germany, the Czech Republic and Austria. Since 2009, the company has been a part of the Japanese Minebea Group.

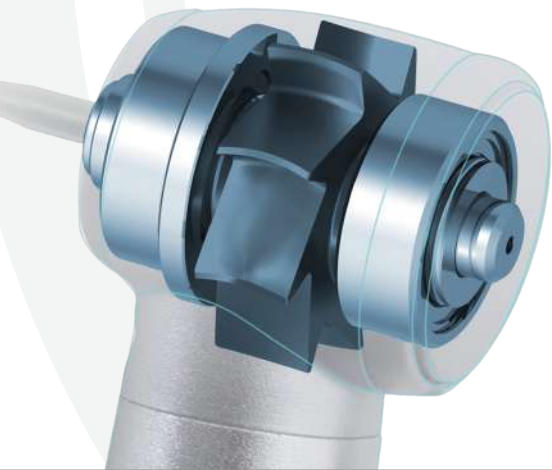
Our success is the result of the capability, efficiency and know-how of our employees, which is marked by a fascination for details, precision and quality.

Together we find solutions on the cutting edge of what is technically feasible.

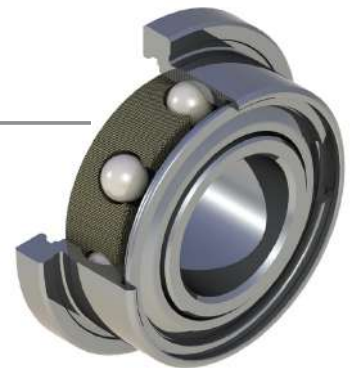
With almost 80 years of experience in the manufacture of precision miniature ball bearings, we provide various products and services for advanced technologies in the medical industry and precision engineering, mechanical engineering as well as aerospace technology.

A **dental instrument** is one of the most demanding applications for a ball bearing. Not only the mechanical but also the environmental stresses contribute to the challenge.

- speeds up to 500.000 rpm
- sterilization, e.g. autoclave or thermal disinfection
- cleaning solutions



Reference example shows a wide flanged bearing with ceramic balls, phenolic retainer and single packaging.



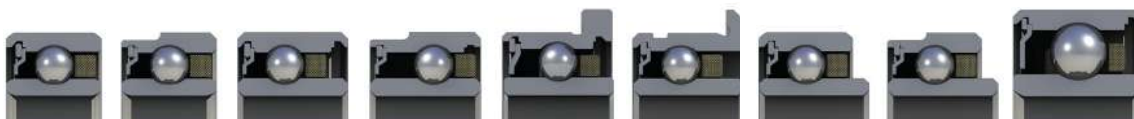
The optimyn brand of dental handpiece replacement bearings eliminates the compromise between quality and price by introducing a new line of standardized replacement bearings that cover most common dental applications.

Dental repair businesses face a constant challenge of satisfying the performance requirements of the end use customer, the dentist, while remaining competitive in a price-sensitive market. As a result, many aftermarket customers have been reluctant to buy high quality bearings from market leaders like myonic and our sister company, NHBB, opting instead for lower quality solutions.

The optimyn product line satisfies the need for a reliable solution at a lower price point by combining component standardization with high volume production resources available through Minebea, the world's leading vertically integrated manufacturer of miniature precision ball bearings. It's the kind of solution that only market leaders with a global manufacturing footprint can deliver.



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bore size	Ø3,175 mm .125"								
OD size	Ø6,35 mm .25" - 418						Ø7,938 mm .3125" - 518		
width	2,381 mm .0937" - narrow		2,778 mm .1094" - wide			2,381/2,778 mm .0937/.1094" - narrow		3,572 mm .1406"	
comment	straight	stepped	straight	stepped	standard flange Ø7,518mm .296"	unique flange Ø7,518mm .296"	straight extended inner ring	stepped extended inner ring	straight bigger size





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