

# Full ceramic (All-ceramic) bearing of Si<sub>3</sub>N<sub>4</sub> material

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Authors

[bearings](#)



Full ceramic bearing made with Si<sub>3</sub>N<sub>4</sub> have some better performance than ZrO<sub>2</sub>, the rings and balls made by full ceramic material:Si<sub>3</sub>N<sub>4</sub>, as a standard constructure,the cage made by PTFE, generally we also could make the cage with GFRPA66-25,PEEK,PI, Phonemic Textiles Tube ,etc. Compares than the material of ZrO<sub>2</sub> ,The Si<sub>3</sub>N<sub>4</sub> ceramics bearings could endure heavier load and could be used in higher temperature environment. Also we could offer precision ceramic bearing which generally used in high-speed and high-rigidity spindle.the manufactured clearance could be P4 TO UP grade.

### APPENDIX 1

**Supplier: Suzhou (China) SLZ Machinery Co Ltd ?No.7 Dong Xiao Qiao Xia Tang, Shi Zi Jie, Suzhou, 215006 China, please visit webpage:  
[http://www.bearingsworld.com/right\\_ceramicbearing.htm](http://www.bearingsworld.com/right_ceramicbearing.htm) ?contact email:  
[sales@bearingsworld.com](mailto:sales@bearingsworld.com) ; [office@bearingsworld.com](mailto:office@bearingsworld.com), MSN Code:  
[order@bearingsworld.com](mailto:order@bearingsworld.com) , Tel : 0086 (0)512 65213180 / 6115 5723**

Tags:

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 . [Si3N4 bearing](#) . [Si3N4 material bearing](#) . [silicon nitride bearing](#)

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