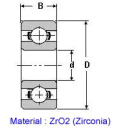




# MBA

## Bearings - Ceramic ZrO2



Excellent performance in electrical and magnetism sensitive applications. Not for High Speed.

Excellent performance in electrical and magnetism sensitive applications.

Wear and corrosion resistance. Lubrication and maintenance free.

Cages of PTFE or Glass Fibre Reinforced Nylon. Can be made from special aviation aluminum on request.

ZrO2 standard material for balls, cage and rings. Si3N4 available to special order.

High and low- temperature application. Up to 250 Deg C with PTFE Cage and 130 Deg C with Nylon Cage.

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au//categories/ceramic+si3n4/all/pics/>

### Bearings - Ceramic ZrO2

Part Number	I.D (d) mm <i>inches</i>	O.D (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Style	Material	Precision Grade	Closure Type	Bearing Type
CZRMR105A-PK-PPMC5u5-AF12	5.000 <i>0.197</i>	10.000 <i>0.394</i>	4.000 <i>0.157</i>	Radial	ZrO2 Zirconia / PEEK Cage / Si3N4 Silicon Nitride Balls	Abec 5	PEEK Seals	R
# CZR688-TF	8.000 <i>0.315</i>	16.000 <i>0.630</i>	4.000 <i>0.157</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R

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Part Number	I.D (d) mm <i>inches</i>	O.D (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Style	Material	Precision Grade	Closure Type	Bearing Type
# CZR688A-TF	8.000 <i>0.315</i>	16.000 <i>0.630</i>	5.000 <i>0.197</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR608-TF	8.000 <i>0.315</i>	22.000 <i>0.866</i>	7.000 <i>0.276</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR629-TF	9.000 <i>0.354</i>	26.000 <i>1.024</i>	8.000 <i>0.315</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
# CZR6900-NY	10.000 <i>0.394</i>	22.000 <i>0.866</i>	6.000 <i>0.236</i>	Radial	ZrO2 Zirconia / Nylon Cage	Abec 1	Open	R
# CZR6900-TF-TTSC3	10.000 <i>0.394</i>	22.000 <i>0.866</i>	6.000 <i>0.236</i>	Radial	ZrO2 Zirconia / PTFE Cage / PTFE Seals	Abec 1	TTS	R
# CZR6000-TF-TTSC3	10.000 <i>0.394</i>	26.000 <i>1.024</i>	8.000 <i>0.315</i>	Radial	ZrO2 Zirconia / PTFE Cage / PTFE Seals	Abec 1	TTS	R
CZR6000-TF	10.000 <i>0.394</i>	26.000 <i>1.024</i>	8.000 <i>0.315</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6200-TF	10.000 <i>0.394</i>	30.000 <i>1.181</i>	9.000 <i>0.354</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R

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Part Number	I.D (d) mm <i>inches</i>	O.D (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Style	Material	Precision Grade	Closure Type	Bearing Type
# CZR6901-TF	12.000 <i>0.472</i>	24.000 <i>0.945</i>	6.000 <i>0.236</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6001-TF	12.000 <i>0.472</i>	28.000 <i>1.102</i>	8.000 <i>0.315</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6201-TF	12.000 <i>0.472</i>	32.000 <i>1.260</i>	10.000 <i>0.394</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6002-TF	15.000 <i>0.591</i>	32.000 <i>1.260</i>	9.000 <i>0.354</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR-DRSA-6202-NY	15.000 <i>0.591</i>	35.000 <i>1.378</i>	11.000 <i>0.433</i>	Self Aligning Double Row	ZrO2 Zirconia / Nylon Cage	Abec 1	Open	DRSA
CZR6202-TF	15.000 <i>0.591</i>	35.000 <i>1.378</i>	11.000 <i>0.433</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
# CZR6903-TF	17.000 <i>0.669</i>	30.000 <i>1.181</i>	7.000 <i>0.276</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6003-TF	17.000 <i>0.669</i>	35.000 <i>1.378</i>	10.000 <i>0.394</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R

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## Bearings - Ceramic ZrO2

Part Number	I.D (d) mm <i>inches</i>	O.D (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Style	Material	Precision Grade	Closure Type	Bearing Type
CZR6203-TF	17.000 <i>0.669</i>	40.000 <i>1.575</i>	12.000 <i>0.472</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
# CZR6904-TF-TTSC3	20.000 <i>0.787</i>	37.000 <i>1.457</i>	9.000 <i>0.354</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	TTS	R
CZR6004-TF	20.000 <i>0.787</i>	42.000 <i>1.654</i>	12.000 <i>0.472</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
CZR6204-TF	20.000 <i>0.787</i>	47.000 <i>1.850</i>	14.000 <i>0.551</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
# CZR6304-TF-TTSC3	20.000 <i>0.787</i>	52.000 <i>2.047</i>	15.000 <i>0.591</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	TTS	R
# CZR6805-TF-TTSC3	25.000 <i>0.984</i>	37.000 <i>1.457</i>	7.000 <i>0.276</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	TTS	R
CZR6005-TF	25.000 <i>0.984</i>	47.000 <i>1.850</i>	12.000 <i>0.472</i>	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
# CZR-DRSA-6205-NY	25.000 <i>0.984</i>	52.000 <i>2.047</i>	15.000 <i>0.591</i>	Self Aligning Double Row	ZrO2 Zirconia / Nylon Cage	Abec 1	Open	DRSA

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## Bearings - Ceramic ZrO2

Part Number	I.D (d) mm	O.D (D) mm	Width (B) mm	Style	Material	Precision Grade	Closure Type	Bearing Type
	<i>inches</i>	<i>inches</i>	<i>inches</i>					
# CZR6205-TF	25.000	52.000	15.000	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
	<i>0.984</i>	<i>2.047</i>	<i>0.591</i>					
# CZR6006-TF	30.000	35.000	13.000	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
	<i>1.181</i>	<i>1.378</i>	<i>0.512</i>					
# CZR6206-FC	30.000	62.000	16.000	Radial	ZrO2 Zirconia - Full Complement	Abec 1	Open	R
	<i>1.181</i>	<i>2.441</i>	<i>0.630</i>					
# CZR6808-TF	40.000	52.000	7.000	Radial	ZrO2 Zirconia / PTFE Cage	Abec 1	Open	R
	<i>1.575</i>	<i>2.047</i>	<i>0.276</i>					
# CZR6009-TF-TTSC3	45.000	75.000	16.000	Radial	ZrO2 Zirconia / PTFE Cage / PTFE Seals	Abec 1	TTS	R
	<i>1.772</i>	<i>2.953</i>	<i>0.630</i>					

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