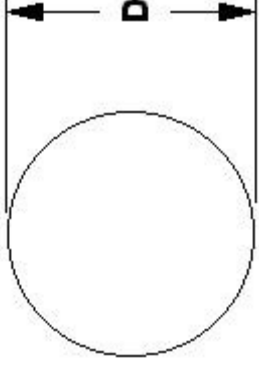




# MBA

## Balls - Sapphire - Synthetic



Extreme hardness, wear resistance, non-corrosiveness and chemical inertness.

Tolerances available on request

Specific Gravity: 3.98. Grade 25.

Extreme hardness, wear resistance, non-corrosiveness and chemical inertness.

High mechanical strength

Transparent (refractive index 1.76)

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au/fcal/balls/>

### Balls - Sapphire - Synthetic

Part Number	Diameter (D) mm	Material	Precision Grade	Hardness	Properties	Colour	Specific Gravity
# BL-00.150-SAPP-G25	0.150	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.198-SAPP-G25	0.198	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.300-SAPP-G25	0.300	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.351-SAPP-G25	0.351	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.381-SAPP-G25	0.381	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98

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**MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.**

## Balls - Sapphire - Synthetic

Part Number	Diameter (D) mm	Material	Precision Grade	Hardness	Properties	Colour	Specific Gravity
# BL-00.397-SAPP-G25	0.397	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.483-SAPP-G25	0.483	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.500-SAPP-G25	0.500	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.599-SAPP-G25	0.599	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.653-SAPP-G25	0.653	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.673-SAPP-G25	0.673	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-00.794-SAPP-G25	0.794	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-01.000-SAPP-G25	1.000	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-01.199-SAPP-G25	1.199	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-01.501-SAPP-G25	1.501	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
BL-01.588-SAPP-G25	1.588	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-01.999-SAPP-G25	1.999	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
BL-02.381-SAPP-G25	2.381	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-02.499-SAPP-G25	2.499	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-02.779-SAPP-G25	2.779	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-03.000-SAPP-G25	3.000	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98

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## Balls - Sapphire - Synthetic

Part Number	Diameter (D) mm	Material	Precision Grade	Hardness	Properties	Colour	Specific Gravity
# BL-03.175-SAPP-G25	3.175	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-03.969-SAPP-G25	3.969	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-04.000-SAPP-G25	4.000	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-04.763-SAPP-G25	4.763	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-05.000-SAPP-G25	5.000	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-05.555-SAPP-G25	5.555	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-06.000-SAPP-G25	6.000	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-06.350-SAPP-G25	6.350	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-07.938-SAPP-G25	7.938	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98
# BL-09.525-SAPP-G25	9.525	Synthetic Sapphire	Grade 25		Extreme hardness and wear resistance	Transparent (refractive index 1.76)	3.98

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