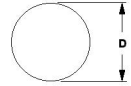




MBA

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/ical/balls/>

<http://www.minibearings.com.au/categories/balls/all/pics/>

Balls - Sapphire - Synthetic

| Part Number | Diameter (D) mm <i>inches</i> | Material | Precision Grade | Hardness | Properties | Colour | Specific Gravity |
|----------------------|----------------------------------|--------------------|-----------------|----------|--------------------------------------|-------------------------------------|------------------|
| # BL-00.150-SAPP-G25 | 0.150 <i>0.006</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.198-SAPP-G25 | 0.198 <i>0.008</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |

Indicates item not stocked at time of printing - Please enquire for lead time

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Balls - Sapphire - Synthetic

| Part Number | Diameter (D) mm <i>inches</i> | Material | Precision Grade | Hardness | Properties | Colour | Specific Gravity |
|----------------------|----------------------------------|--------------------|-----------------|----------|--------------------------------------|-------------------------------------|------------------|
| # BL-00.300-SAPP-G25 | 0.300 <i>0.012</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.351-SAPP-G25 | 0.351 <i>0.014</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.381-SAPP-G25 | 0.381 <i>0.015</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.397-SAPP-G25 | 0.397 <i>0.016</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.483-SAPP-G25 | 0.483 <i>0.019</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.500-SAPP-G25 | 0.500 <i>0.020</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.599-SAPP-G25 | 0.599 <i>0.024</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.653-SAPP-G25 | 0.653 <i>0.026</i> | 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 <i>inches</i> | Material | Precision Grade | Hardness | Properties | Colour | Specific Gravity |
|----------------------|----------------------------------|--------------------|-----------------|----------|--------------------------------------|-------------------------------------|------------------|
| # BL-00.673-SAPP-G25 | 0.673 <i>0.026</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-00.794-SAPP-G25 | 0.794 <i>0.031</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-01.000-SAPP-G25 | 1.000 <i>0.039</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-01.199-SAPP-G25 | 1.199 <i>0.047</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-01.501-SAPP-G25 | 1.501 <i>0.059</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-01.588-SAPP-G25 | 1.588 <i>0.063</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-01.999-SAPP-G25 | 1.999 <i>0.079</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-02.381-SAPP-G25 | 2.381 <i>0.094</i> | 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 <i>inches</i> | Material | Precision Grade | Hardness | Properties | Colour | Specific Gravity |
|----------------------|----------------------------------|--------------------|-----------------|----------|--------------------------------------|-------------------------------------|------------------|
| # BL-02.499-SAPP-G25 | 2.499 <i>0.098</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-02.779-SAPP-G25 | 2.779 <i>0.109</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-03.000-SAPP-G25 | 3.000 <i>0.118</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-03.175-SAPP-G25 | 3.175 <i>0.125</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-03.969-SAPP-G25 | 3.969 <i>0.156</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-04.000-SAPP-G25 | 4.000 <i>0.157</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-04.763-SAPP-G25 | 4.763 <i>0.188</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-05.000-SAPP-G25 | 5.000 <i>0.197</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |

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| Part Number | Diameter (D) mm <i>inches</i> | Material | Precision Grade | Hardness | Properties | Colour | Specific Gravity |
|----------------------|----------------------------------|--------------------|-----------------|----------|--------------------------------------|-------------------------------------|------------------|
| BL-05.555-SAPP-G25 | 5.555 <i>0.219</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-06.000-SAPP-G25 | 6.000 <i>0.236</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-06.350-SAPP-G25 | 6.350 <i>0.250</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| BL-07.938-SAPP-G25 | 7.938 <i>0.313</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |
| # BL-09.525-SAPP-G25 | 9.525 <i>0.375</i> | Synthetic Sapphire | Grade 25 | | Extreme hardness and wear resistance | Transparent (refractive index 1.76) | 3.98 |

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