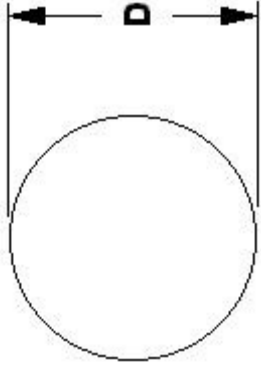




# MBA

## Balls - Ceramic - Silicon Nitride



Outstanding wear resistance. Good thermal and chemical resistance.

- High hardness
- High strength over a wide temperature range
- High fracture toughness
- Outstanding wear resistance
- Good thermal and chemical resistance

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

### Balls - Ceramic - Silicon Nitride

Part Number	Diameter (D) mm	Material	Precision Grade	Hardness	Properties	Colour	Specific Gravity
BL-01.588-Si3N4-G10	1.588	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-02.381-Si3N4-G10	2.381	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-02.500-Si3N4-G10	2.500	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-03.000-Si3N4-G10	3.000	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-03.175-Si3N4-G10	3.175	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29

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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 - Ceramic - Silicon Nitride

Part Number	Diameter (D) mm	Material	Precision Grade	Hardness	Properties	Colour	Specific Gravity
BL-03.500-Si3N4-G5	3.500	Si3N4	Grade 5	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-03.969-Si3N4-G10	3.969	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-04.000-Si3N4-G10	4.000	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-04.762-Si3N4-G5	4.762	Si3N4	Grade 5	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-04.762-Si3N4-G10	4.763	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-05.000-Si3N4-G10	5.000	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-06.350-Si3N4-G10	6.350	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
BL-07.938-Si3N4-G10	7.938	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
# BL-12.700-Si3N4-G10	12.700	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29
# BL-15.875-Si3N4-G10	15.875	Si3N4	Grade 10	1580 kg/mm.sq	Good wear resistance and thermal resistance	Grey	3.29

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