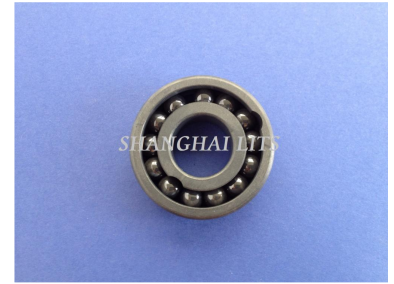


# Silicon Nitride Ceramic Ball Bearing without Retainer

This ceramic ball bearing features inner and outer rings made of silicon nitride. It has a full complement of balls and no retainer.



## Product Overview

### High-Performance Silicon Nitride Bearings

This silicon nitride (Si<sub>3</sub>N<sub>4</sub>) ceramic ball bearing is engineered for the most demanding industrial environments. The specialized retainer-less design maximizes the ball count, significantly increasing load capacity while reducing friction for smoother operation. These bearings are an ideal solution for applications requiring exceptional high-speed performance, superior temperature resistance, and robust corrosion protection.

## Technical Specifications

### Performance Advantages

- Increased load capacity due to higher ball count
- Reduced friction during operation
- Enhanced durability in harsh environments

Material	Silicon Nitride (Si <sub>3</sub> N <sub>4</sub> )
Key Design Features	Retainer-less, High-Speed, Corrosion Resistant, High-Temperature Resistant