

608ZZ Skateboard Ceramic Ball Bearing

This 608ZZ ceramic ball bearing is designed for high precision and speed. It is suitable for skateboards, scooters and inline skates.



Product Overview

High-Performance Ceramic Bearings

The 608ZZ ceramic ball bearing is a precision-engineered component designed for superior speed and reduced friction in skateboards, scooters, and inline skates. Featuring ceramic Si₃N₄ or ZrO₂ balls and a reinforced nylon cage, these bearings provide excellent durability and enhanced performance for active use. The 608 size is the industry standard, ensuring broad compatibility with most professional and recreational wheel systems.

Technical Specifications

Dimensions

8 mm Inner Diameter	22 mm Outer Diameter	7 mm Width
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Precision Grade

ABEC-3, ABEC-5, ABEC-7

Materials and Components

Material Breakdown

Component	Material Options
Race	Chrome Steel (SAE 52100) / Stainless Steel (SUS 440C)
Ball	Chrome Steel (SAE 52100) / Stainless Steel (SUS 440C) / Ceramic (Si ₃ N ₄ / ZrO ₂)
Cage	Nylon PA66 + 30% GF

Sealing & Lubrication

- Double-shielded (608ZZ)
- Rubber-sealed (2RS)
- Lubricants: Kyodo Yoshi, Shell, or Mobil

Usage Information

Compatibility

Skateboards • Electric Scooters • Kick Scooters • Inline Skates • Roller Skates