

PRECISION BEARINGS

High Performance • High Durability • Engineered for Excellence

ATC BEARINGS

Precision Motion Components

HEAVY DUTY INDUSTRIAL GRADE

- ✓ High Load Capacity
- ✓ Corrosion Resistant
- ✓ Precision Engineered
- ✓ Long Service Life

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Deep Groove Ball Bearing

Deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than other bearing types.

Miniature Ball Bearing

Miniature and small bearings are used for extremely high speeds. These bearings offer a low level of noise, vibration, and frictional torque performance.

Miniature and extra-small ball bearings can be sealed by shields or rubber seals to prevent leakage of lubricating grease or entry of dust. Since the appropriate quantity of a high quality lubricating grease is factory sealed, the sealed miniature and extra-small ball bearings allows simplification of sealing devices around the bearing and facilitates easy handling.

Flange Ball Bearing

Flange ball bearing is radial and deep groove ball bearing with flanged which made of Chrome steel and stainless steel, and bearing with metal shields or rubber sealed to protect the bearing from dust or any possible contamination

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Stainless Steel Ball Bearing

High performance stainless steel deep groove ball bearing can provides not only with the cleanliness and corrosion resistance characteristic, but also with high accuracy and excellent wear resistance compare to the high stainless steel ball bearings. The rings and balls are made of the material AISI420 or 440C stainless steel as a standard structure of deep groove ball bearings, production accuracy could reach ISO standard ABEC-1 and above, and the vibration level reach Z0V0 grade the above

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Hybrid Ceramic Ball Bearing

Ceramic Hybrid Bearings have Steel races and Ceramic Balls. Ceramic Balls are suitable for applications where high loads, high speeds and extreme temperatures are factors. Long life and the need for minimal lubrication make this material appropriate for extreme applications. Ceramic is non-porous, non-magnetic, non-corrosive and lighter than steel. In ball form, ceramic balls are also harder than steel and because ceramic balls are non-porous they are virtually frictionless and capable of spinning faster than steel balls.

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Full Ceramic Ball Bearing

Full ceramic bearings constructed entirely of ceramic material. Inner/outer races and balls are made of either Silicon Nitride (Si3N4), Zirconium Oxide (ZrO2) or Silicon carbide (SiC). Full ceramic bearings are lighter, smoother, stiffer, harder, corrosion resistant, and electrically resistant. Full Ceramic bearings are used in extreme and in special environments like operating temperature from as low as -85°C up to + 800°C, vacuum environments, semiconductor manufacturing, non-magnetic equipment and more.



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OMNI WHEEL&MECANUM WHEEL

Zoty Omni wheel&Mecanum wheel is heavy load Omni wheel&Mecanum wheel. Each High-strength wheel hub and great-quality material ensure the series an excellent performance. Zoty Omni wheel&Mecanum wheel series Omni wheel also adapt to various indoor and outdoor occasions

USED IN INDUSTRY

Install on the heavy duty omni moving platform to make the platform rotate to omni directions.

USED WORKSHOP,AGV AND SO ON

It can even used on stage show equipment .

OMNIDIRECTIONAL WHEEL DESIGN.

for a land-based vehicle to move in any direction.



CUSTOM WHEELS ACCORDING TO DRAWING

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Plastic Roller with Bearing

		
<p>Polyurethane Wheels</p>	<p>PU Wheels with Screw Bolt</p>	<p>PUT Double Bearings Coated PU Wheels with Screw</p>
		
<p>BST Double Bearings Plastic Coated Wheels</p>	<p>Plastic Roller with Screw Bolt</p>	<p>BSR Round- Plastic Pulley</p>
		
<p>BSU U&V Groove Roller</p>	<p>BS Flat Type Plastic Roller</p>	<p>T-E-F Coated Roller with Screw</p>
		
<p>JS Bearings with Threaded Shaft</p>	<p>DR Plastic Drawer Rollers</p>	<p>Polyurethane Flywheels</p>
		
<p>Polyurethane Bolts</p>	<p>New Energy Wheels</p>	

DR-Plastic Drawer Roller with Screw



BS Series-Flat Shape Roller



BSS Series-Flat Plastic Roller with Screw Bolt BSR Series-Rounded Shape Roller





BSU Series-U Groove Roller



BSUS Series-U Groove Roller with Screw



BSH Series- H Groove Roller



BSV Series-V Groove Roller



BST Series-Two Bearings POM Roller PU Series-Polyurethane Wheel





PUS Series-PU Wheel with Screw Bolt



PUT-Two Bearings PU Roller
PULT Series- Aluminum Core PU Roller





PUOB Series- Round PU Wheel with Screw



What's the customers say about ATC Bearing?



<http://www.atcgroups.com/>



<https://www.google.com/maps>

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