

Deep Groove Ball Bearing

Versatile & High-Performance Bearing Solution for Industrial Applications

Product Overview

Deep Groove Ball Bearings are the most widely used rolling bearings, designed to handle radial loads and moderate axial loads in both directions. Known for their low friction, high-speed capability, and long service life, these bearings are ideal for electric motors, pumps, gearboxes, fans, conveyors, and general industrial machinery.

Their simple design, reliability, and cost-effectiveness make them the preferred choice across virtually every industry.



Deep Groove Ball Bearing: <https://www.skf.com/group/products/rolling-bearings/ball-bearings/deep-groove-ball-bearings>

Key Features

- Low friction for smooth and efficient rotation
- High-speed operational capability
- Supports radial and axial loads
- Precision-engineered for reliable performance
- Durable construction with long service life
- Available in multiple sizes and sealing options

Applications

- Electric Motors & Gear Motors
- Industrial Pumps & Compressors
- Gearboxes & Power Transmission Systems
- Conveyor Systems
- Agricultural Machinery
- Textile, Steel & Cement Industries

Technical Data – Deep Groove Ball Bearing

Parameter	Details
Bearing Type	Deep Groove Ball Bearing
Load Type	Radial & Axial Loads
Bore Diameter	Multiple sizes available
Outer Diameter	As per bearing series
Cage Material	Steel / Brass / Polyamide
Seal Type	Open / ZZ / 2RS
Lubrication	Grease Lubricated / Oil Lubricated
Operating Speed	High-Speed Applications
Series	Typical Application
6000 Series	Light-duty machinery
6200 Series	Electric motors & pumps
6300 Series	Heavy-duty industrial equipment
6400 Series	High-load applications
6800 Series	Compact machinery
6900 Series	Space-constrained applications
Supply capability	We supply Deep Groove Ball Bearings according to OEM bearing numbers, ISO standards, and application requirements from leading international bearing manufacturers.
Brands	SKF, NTN, FAG, NSK, Timken etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Cylindrical Roller Bearing

High Radial Load Bearing Solution for Heavy-Duty Industrial Applications

Product Overview

Cylindrical Roller Bearings are designed to support heavy radial loads and high-speed operation. Their cylindrical rollers provide a larger contact area with the raceways compared to ball bearings, resulting in superior load-carrying capacity and excellent rigidity.

These bearings are widely used in gearboxes, rolling mills, electric motors, pumps, compressors, and heavy industrial machinery where high radial loads and reliable performance are critical.



Cylindrical Roller Bearing: <https://www.skf.com/group/products/rolling-bearings/roller-bearings/cylindrical-roller-bearings>

Key Features

- High radial load carrying capacity
- Excellent performance at high rotational speeds
- Low friction and reduced heat generation
- High rigidity and operational stability
- Suitable for heavy-duty industrial applications
- Long service life and reliable operation

Applications

- Industrial Gearboxes & Gear Drives
- Electric Motors & Generators
- Steel & Rolling Mills
- Pumps & Compressors
- Mining & Cement Equipment
- Paper, Textile & Process Industries

Technical Data – Cylindrical Roller Bearing

Parameter	Details
Bearing Type	Cylindrical Roller Bearing
Load Type	High Radial Load
Roller Type	Cylindrical Rollers
Bore Diameter	Multiple sizes available
Cage Material	Steel / Brass / Polyamide
Lubrication	Grease or Oil Lubricated
Speed Capability	Medium to High Speed
Operating Condition	Heavy-Duty Industrial Service
Series	Characteristics
NU Series	Free axial movement
NJ Series	Axial load in one direction
NUP Series	Axial load in both directions
N Series	Flexible mounting arrangements
NN Series	Double-row high precision
NNU Series	Heavy radial load applications
Supply capability	We supply Cylindrical Roller Bearings according to OEM bearing numbers, ISO standards, and application requirements from leading international bearing manufacturers.
Brands	SKF, NTN, FAG, NSK, Timken, Nachi etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Spherical Roller Bearing

Heavy-Duty Bearing Solution for High Loads & Shaft Misalignment

Product Overview

Spherical Roller Bearings are self-aligning roller bearings designed to accommodate extremely heavy radial loads, moderate axial loads in both directions, and shaft misalignment. Featuring two rows of barrel-shaped rollers and a common spherical raceway, these bearings provide exceptional load-carrying capacity, durability, and reliability in demanding industrial environments.

They are widely used in steel mills, mining equipment, cement plants, paper mills, crushers, conveyors, and other heavy-duty applications.



Spherical Roller Bearing: <https://www.skf.com/group/products/rolling-bearings/roller-bearings/spherical-roller-bearings>

Key Features

- Extremely high radial load carrying capacity
- Accommodates axial loads in both directions
- Self-aligning design compensates for shaft misalignment
- Excellent shock and vibration resistance
- Suitable for heavy-duty industrial applications
- Long service life under demanding conditions

Applications

- Steel & Rolling Mills
- Cement Plants
- Mining & Quarry Equipment
- Paper & Pulp Industries
- Crushers & Vibrating Screens
- Industrial Gearboxes
- Conveyors & Material Handling Systems
- Power Generation Equipment

Technical Data – Spherical Roller Bearing

Parameter	Details
Bearing Type	Spherical Roller Bearing
Load Type	Radial & Axial Loads
Roller Design	Double Row Barrel Rollers
Misalignment Capability	Self-Aligning
Bore Type	Cylindrical / Tapered Bore
Cage Material	Steel / Brass
Lubrication	Grease or Oil Lubricated
Operating Condition	Heavy-Duty Industrial Service
Series	Typical Application
22200 Series	General industrial machinery
22300 Series	Heavy-duty applications
23000 Series	High-capacity industrial equipment
23100 Series	Conveyors & crushers
23200 Series	Mining & cement industries
24000 Series	Extremely heavy loads
24100 Series	Large industrial machinery
Supply capability	We supply Cylindrical Roller Bearings according to OEM bearing numbers, ISO standards, and application requirements from leading international bearing manufacturers.
Brands	SKF, NTN, FAG, NSK, Timken etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Bearing Block

Reliable Bearing Support Solution for Rotating Equipment

Product Overview

Bearing Blocks are mounted bearing units designed to support rotating shafts while providing secure housing for bearings. They simplify installation, improve shaft alignment, and ensure reliable operation in industrial machinery. Bearing blocks are widely used in conveyors, fans, pumps, agricultural equipment, packaging machines, and material handling systems.

Available in various configurations, bearing blocks help reduce maintenance time and improve equipment reliability.



Bearing Block: <https://www.skf.com/group/products/mounted-bearings/bearing-housings>

Key Features

- Robust shaft support and bearing mounting
- Easy installation and replacement
- Reduces vibration and shaft deflection
- Supports heavy radial and axial loads
- Durable construction for industrial environments
- Available in various housing configurations
- Simplifies maintenance and lubrication

Applications

- Conveyor Systems
- Electric Motors & Gearboxes
- Pumps & Compressors
- Industrial Fans & Blowers
- Packaging Machinery
- Material Handling Equipment
- Steel, Cement & Mining Industries
- General Manufacturing Equipment

Technical Data – Bearing Block

Parameter	Details
Product Type	Bearing Block / Bearing Housing Unit
Housing Material	Cast Iron / Ductile Iron / Stainless Steel
Bearing Type	Ball Bearing / Roller Bearing
Shaft Diameter	Multiple Sizes Available
Mounting Type	Foot Mounted / Flange Mounted
Lubrication	Grease Lubricated
Seal Type	Contact / Non-Contact Seals
Application	Shaft Support & Bearing Mounting
Series	Typical Application
UCP Series	Pillow block units
UCFL Series	Oval flange units
UCF Series	Square flange units
UCT Series	Take-up units
UCPA Series	Lightweight pillow block units
SN Series	Heavy-duty plummer block housings
Supply capability	We supply Bearing Blocks according to shaft size, bearing series, housing type, and OEM specifications, sourced from leading global manufacturers and industrial brands.
Brands	SKF, NTN, FAG, NSK, Timken, TMB etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Leaser Alignment Tool

Precision Shaft Alignment Solution for Maximum Equipment Reliability

Product Overview

Laser Alignment Tools are advanced maintenance instruments used to accurately align rotating machinery such as motors, pumps, gearboxes, compressors, and turbines. By utilizing laser measurement technology, these systems deliver fast, highly accurate alignment results, helping reduce vibration, bearing failures, coupling wear, and energy losses.

Laser alignment is a core technology in modern predictive maintenance and reliability-centered maintenance programs.



Leaser Alignment Tool: <https://www.skf.com/group/products/maintenance-products/alignment-tools/shaft-alignment/shaft-alignment-tool-tksa-41>

Key Features

- High-precision laser-based alignment measurement
- Fast and accurate shaft alignment process
- Reduces vibration and coupling wear
- Minimizes bearing and seal failures
- Improves equipment efficiency and lifespan
- User-friendly interface with real-time correction guidance

Applications

- Pumps & Motors
- Gearboxes & Gear Motors
- Compressors & Blowers
- Cooling Tower Drives
- Steel, Cement & Power Plants
- General Rotating Equipment Maintenance

Technical Data – Leaser Alignment Tool

Parameter	Details
Measurement Type	Shaft Alignment
Technology	Dual Laser Measurement
Alignment Capability	Horizontal & Vertical Machines
Display	Digital Touchscreen / LCD
Communication	Wired / Wireless
Data Storage	Internal Memory & Reports
Accuracy	High-Precision Industrial Grade
Application	Rotating Equipment Alignment
Supply capability	We supply Laser Alignment Tools from leading condition monitoring and maintenance technology manufacturers, suitable for industrial maintenance, reliability engineering, and predictive maintenance programs.
Brands	SKF, FAG, Fluke, Acoem, Easy-Laser Fixturlaser etc based on requirement.
Origin	EU, USA, China, India, Japan etc

Belt Alignment Tool

Precision Pulley Alignment Solution for Maximum Belt Drive Performance

Product Overview

Belt Alignment Tools are precision maintenance instruments designed to accurately align pulleys in belt-driven systems. Proper pulley alignment reduces belt wear, minimizes vibration, decreases energy consumption, and extends the service life of belts, bearings, and rotating equipment.

Laser belt alignment systems provide fast, accurate, and reliable alignment for V-belts, timing belts, ribbed belts, and flat belt drive applications.



Belt Alignment Tool: <https://www.skf.com/group/products/maintenance-products/alignment-tools/belt-alignment-tools/belt-alignment-tool-tkba-40>

Key Features

- Fast and accurate pulley alignment
- Laser-based precision measurement technology
- Reduces belt wear and replacement frequency
- Minimizes bearing and pulley failures
- Improves power transmission efficiency
- Easy setup and user-friendly operation
- Suitable for V-belts, timing belts, and flat belt systems

Applications

- Electric Motor & Fan Drives
- Pumps & Blowers
- Air Compressors
- Conveyor Systems
- HVAC Equipment
- Steel, Cement & Textile Industries
- General Belt-Driven Machinery

Technical Data – Belt Alignment Tools

Parameter	Details
Measurement Type	Pulley & Belt Alignment
Technology	Laser Alignment
Alignment Detection	Angular, Parallel & Offset Misalignment
Display Type	Laser Target / Digital Display
Application	V-Belt, Timing Belt & Flat Belt Systems
Accuracy	High-Precision Industrial Grade
Mounting Method	Magnetic / Mechanical Fixture
Usage	Maintenance & Reliability Programs
Supply capability	We supply belt alignment device from leading condition monitoring and maintenance technology manufacturers, suitable for industrial maintenance, reliability engineering, and predictive maintenance programs.
Brands	SKF, FAG, Fluke, Fixturlaser, Optalign etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Vibration Analyzer

Advanced Condition Monitoring Solution for Predictive Maintenance

Product Overview

Vibration Analyzers are precision diagnostic instruments used to measure, analyze, and monitor machine vibration in rotating equipment. These devices help maintenance teams identify developing faults such as bearing damage, imbalance, misalignment, looseness, resonance, and gear defects before they lead to costly failures.

Vibration analysis is one of the most effective predictive maintenance techniques for improving equipment reliability, reducing downtime, and optimizing maintenance planning.



Vibration Analyzer: Source: the Schaeffler Group <https://share.google/dlGh9ZPetqqmncY21>

Key Features

- Accurate vibration measurement and analysis
- Early fault detection for rotating equipment
- FFT spectrum analysis capability
- Bearing condition monitoring
- Trend analysis and data logging
- Portable and easy-to-use design
- Supports predictive and condition-based maintenance programs

Applications

- Electric Motors & Generators
- Pumps & Compressors
- Gearboxes & Gear Drives
- Fans & Blowers
- Turbines & Cooling Towers
- Steel, Cement & Power Plants
- Paper, Chemical & Process Industries

Technical Data – Vibration Analyzer

Parameter	Details
Measurement Type	Vibration Analysis
Sensor Type	Accelerometer
Parameters Measured	Velocity, Acceleration, Displacement
Analysis Capability	FFT Spectrum & Time Waveform
Data Storage	Internal Memory / Cloud Integration
Connectivity	USB / Bluetooth / Wireless
Display	Digital LCD / Touchscreen
Application	Rotating Equipment Diagnostics
Supply capability	We supply Vibration Analyzers and Condition Monitoring Systems from leading global manufacturers, suitable for industrial maintenance, reliability engineering, and asset management programs.
Brands	SKF, FAG, Fluke, Acoem etc based on requirement.
Origin	Europe, USA, China, Japan etc

Bearing Condition Monitoring Device

Real-Time Bearing Condition Monitoring for Predictive Maintenance

Product Overview

Bearing Monitoring Devices are advanced condition monitoring systems designed to continuously track the health and performance of bearings in rotating equipment. These devices measure critical parameters such as vibration, temperature, speed, and bearing condition, helping maintenance teams detect potential failures before they cause costly downtime.

By enabling predictive maintenance, bearing monitoring systems improve equipment reliability, extend bearing life, and reduce unplanned shutdowns.



Bearing Monitoring Device: <https://www.skf.com/group/products/condition-monitoring-systems/portable-systems>

Key Features

- Portable and easy-to-use design
- Real-time machine health assessment
- Early fault detection and diagnosis
- Supports predictive and condition-based maintenance
- Fast data collection and analysis
- Wireless connectivity and data storage options
- Suitable for routine inspection and maintenance programs

Applications

- Electric Motors & Generators
- Pumps & Compressors
- Gearboxes & Gear Drives
- Fans & Blowers
- Conveyors & Material Handling Systems
- Steel, Cement & Power Plants
- Chemical, Paper & Process Industries

Technical Data – Bearing Condition Monitoring Devices

Parameter	Details
Device Type	Portable Bearing Condition Monitoring Equipment
Measurement Parameters	Vibration, Temperature, RPM, Ultrasound
Display	Digital LCD / Touchscreen
Data Storage	Internal Memory / Cloud Connectivity
Communication	USB / Bluetooth / Wi-Fi
Power Supply	Rechargeable Battery
Application	Predictive Maintenance
Usage	Industrial Equipment Diagnostics
Supply capability	We supply Portable Condition Monitoring Devices from globally recognized manufacturers, supporting maintenance, reliability, asset management, and predictive maintenance programs.
Brands	SKF, FAG, Fluke etc based on requirement.
Origin	Europe, USA, China, Japan etc

Centralized Lubrication System

Automated Multi-Point Lubrication for Maximum Equipment Reliability

Product Overview

Centralized Lubrication Systems are automated lubrication solutions designed to deliver precise amounts of grease or oil to multiple lubrication points from a single centralized unit. These systems ensure consistent lubrication of bearings, gears, chains, guides, and other critical machine components, reducing wear, minimizing downtime, and improving equipment reliability.

By eliminating manual lubrication, centralized systems help industries improve maintenance efficiency, reduce lubricant consumption, and extend equipment service life.



Centralized Lubrication System: <https://www.dropsa.com/en/grease-lubrication-systems>

Dropsa Dual Line System: <https://www.dropsa.com/en/dividers/dual-line2>

Key Features

- Automatic lubrication of multiple points from a single system
- Consistent and accurate lubricant delivery
- Reduces manual maintenance requirements
- Prevents over-lubrication and under-lubrication
- Improves equipment reliability and uptime
- Extends bearing and component service life
- Suitable for grease and oil lubrication applications

Applications

- Steel & Rolling Mills
- Cement Plants
- Mining & Quarry Equipment
- Conveyor Systems
- Paper & Pulp Mills
- Power Generation Plants
- Material Handling Equipment
- Food & Beverage Processing Plants
- Packaging Machinery
- Heavy Industrial Equipment

Technical Data – Centralized Lubrication System

Parameter	Details
System Type	Grease / Oil Lubrication/Air-oil Lubrication
Lubrication Points	Single to Hundreds of Points
Pump Type	Electric / Pneumatic
Control Method	Timer / PLC / Smart Controller
Operating Pressure	High-Pressure Lubrication
Lubricant Type	Grease / Oil/Air-oil
Monitoring	Pressure & Flow Monitoring
Installation	Fixed Industrial Installation
Supply capability	We supply complete Centralized Lubrication Systems according to machine type, lubrication points, lubricant requirements, and industrial operating conditions.
Brands	SKF, DropsA, RBS, Linclon, Lube Corporation etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Bearing Puller

Professional Bearing Removal Solution for Safe & Damage-Free Maintenance

Product Overview

Bearing Pullers are specialized maintenance tools designed for the safe and efficient removal of bearings, gears, pulleys, couplings, bushings, and other press-fitted components from shafts and housings. These tools minimize the risk of equipment damage, reduce maintenance time, and improve workplace safety during repair and overhaul activities.

Bearing pullers are essential tools for maintenance workshops, reliability teams, and industrial service operations.



Bearing Puller: <https://www.skf.com/group/products/maintenance-products/mechanical-tools-for-mounting-and-dismounting>

Key Features

- Safe and damage-free bearing removal
- High pulling force for stubborn components
- Reduces maintenance time and labor
- Prevents shaft and housing damage
- Easy operation and setup
- Available in mechanical, hydraulic, and integrated designs
- Suitable for a wide range of industrial applications

Applications

- Bearing Removal & Replacement
- Electric Motors & Generators
- Pumps & Compressors
- Gearboxes & Gear Drives
- Steel & Rolling Mills
- Mining & Cement Equipment
- Conveyor Systems
- Industrial Maintenance Workshops

Technical Data – Bearing Puller

Parameter	Details
Product Type	Bearing Puller
Pulling Mechanism	Mechanical / Hydraulic
Jaw Configuration	2-Jaw / 3-Jaw
Capacity	Light to Heavy-Duty Applications
Material	High-Strength Alloy Steel
Application	Bearing & Component Removal
Operation	Manual / Hydraulic
Usage	Maintenance & Overhaul Activities
Supply capability	We supply Bearing Pullers according to bearing size, puller capacity, component type, and industrial maintenance requirements.
Brands	SKF, Schaeffler (FAG Mounting & Dismounting Tools), Enerpac, KUKKO, GEDORE, OTC etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Induction Bearing Heater

Safe, Fast & Controlled Bearing Mounting Solution

Product Overview

Induction Bearing Heaters are specialized maintenance tools designed to heat bearings, gears, couplings, bushings, and other metal components quickly and uniformly before installation. By using electromagnetic induction technology, these heaters enable safe mounting without excessive force, preventing damage to bearings and extending equipment life.

Induction heating is the preferred method for mounting large and medium-sized bearings in steel mills, power plants, cement plants, paper mills, and other industrial facilities.



Induction Bearing Heater: <https://www.skf.com/group/products/maintenance-products/bearing-heaters/heaters-for-mounting/induction-heaters>

Key Features

- Fast and uniform heating of bearings
- Prevents bearing damage during installation
- Controlled temperature monitoring
- Reduces mounting time significantly
- Safe and energy-efficient operation
- Suitable for bearings, gears, couplings, and sleeves
- Automatic demagnetization after heating
- Portable and easy-to-use design

Applications

- Bearing Installation & Mounting
- Electric Motors & Generators
- Gearboxes & Gear Drives
- Pumps & Compressors
- Steel & Rolling Mills
- Cement Plants
- Mining Equipment
- Power Generation Facilities

Technical Data – Induction Bearing Heater

Parameter	Details
Product Type	Induction Bearing Heater
Heating Method	Electromagnetic Induction
Temperature Range	Up to 240°C (Model Dependent)
Control System	Digital Temperature Control
Demagnetization	Automatic
Power Supply	230V / 400V AC
Heating Capacity	Small to Large Bearings
Application	Bearing & Component Mounting
Supply capability	We supply Induction Bearing Heaters according to bearing size, weight, heating capacity, and maintenance requirements.
Brands	SKF, Schaeffler (FAG Heater Series), BETEX, TM Induction Heating etc based on requirement.
Origin	Europe, USA, China, India, Japan etc

Lock Nut & Washer

Secure Bearing Mounting & Shaft Locking Solution

Product Overview

Lock Nuts and Lock Washers are essential bearing accessories used to securely locate and lock bearings, gears, sleeves, and other rotating components onto shafts. They prevent loosening caused by vibration, shock loads, and rotational forces, ensuring safe and reliable operation of industrial machinery.

These components are widely used with adapter sleeves, withdrawal sleeves, and precision bearing assemblies across various industries.



Lock Nut & Washer: <https://www.skf.com/group/products/rolling-bearings/accessories/lock-nuts/keyway/designs-and-variants>

Key Features

- Secure bearing and component positioning
- Prevents loosening due to vibration
- Easy installation and removal
- Suitable for high-load industrial applications
- Compatible with adapter and withdrawal sleeves
- Precision-machined for reliable locking
- Available in metric and inch sizes

Applications

- Bearing Mounting Systems
- Spherical Roller Bearings
- Self-Aligning Ball Bearings
- Gearboxes & Gear Drives
- Electric Motors & Generators
- Pumps & Compressors
- Steel & Rolling Mills
- Mining & Cement Equipment

Technical Data – Lock Nut & Washer

Parameter	Details
Product Type	Lock Nut & Lock Washer
Material	High-Strength Steel
Thread Type	Metric / Inch
Locking Method	Mechanical Tab Locking
Application	Bearing & Sleeve Mounting
Standard	ISO / DIN Standards
Corrosion Protection	Optional Surface Treatment
Usage	Shaft Locking & Bearing Positioning
Lock Nut Series	Lock Washer Series
KM Series	MB Series
KML Series	MBL Series
HM Series	Heavy-Duty Applications
HML Series	Large Bearing Applications
Supply capability	We supply Lock Nuts and Lock Washers according to shaft size, bearing designation, sleeve series, and OEM specifications.
Brands	SKF, NTN, FAG, NSK, Timken, Nachi etc based on requirement.
Origin	EU, USA, China, India, Japan etc