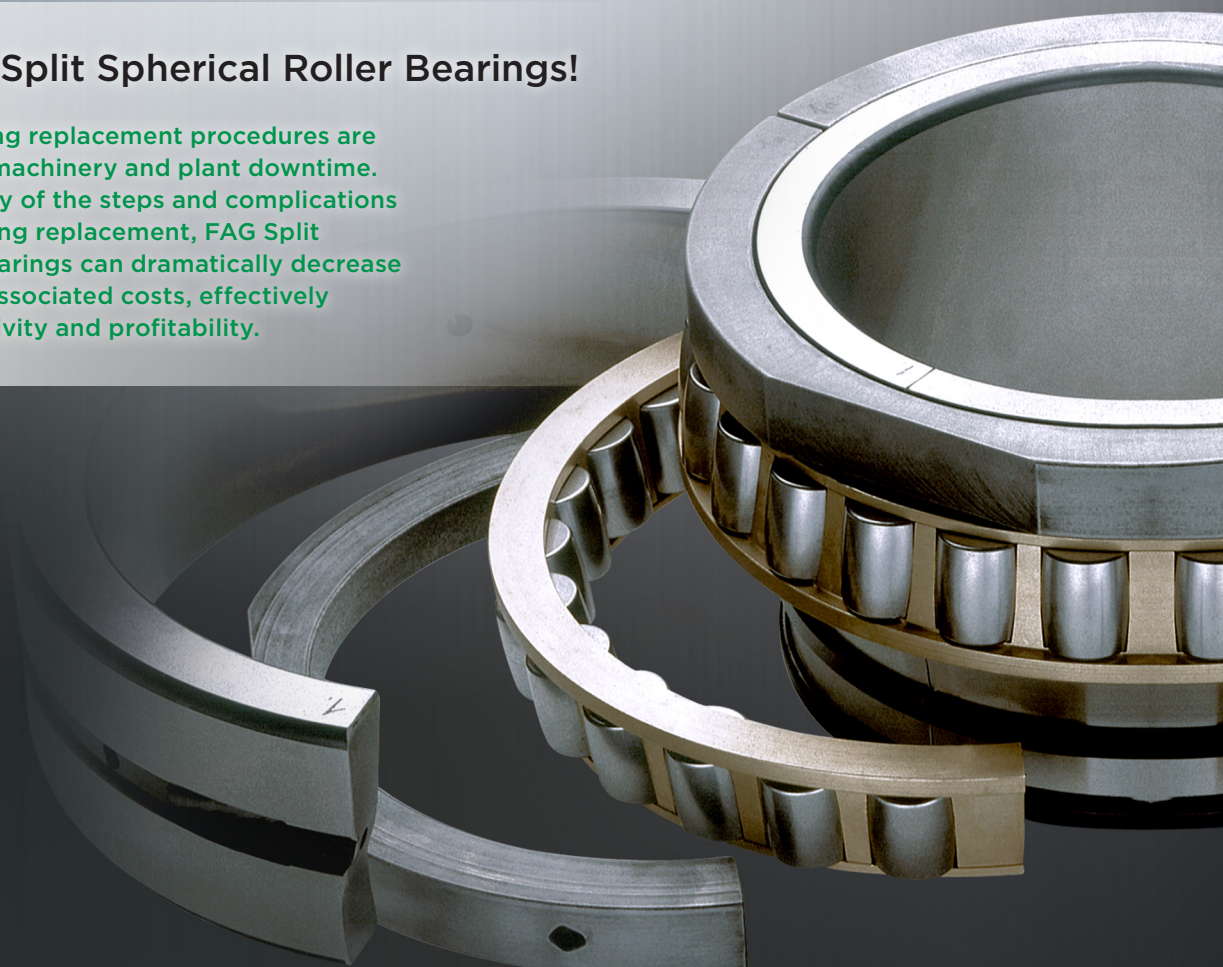


FAG SPLIT SPHERICAL ROLLER BEARINGS

# Split Bearings /Split Costs

Ask for FAG Split Spherical Roller Bearings!

Complicated bearing replacement procedures are primary causes of machinery and plant downtime. By eliminating many of the steps and complications involved with bearing replacement, FAG Split Spherical Roller Bearings can dramatically decrease downtime and its associated costs, effectively increasing productivity and profitability.



Online condition monitoring with SmartCheck



Choose Arcanol grease for optimal performance and service life



Schaeffler expertise for installation



Long Term Packaging solution

SCHAEFFLER-QUALITÄT

QUALITY YOU CAN DEPEND ON



FAG

SCHAEFFLER

# FAG Split Spherical Roller Bearings

## FEATURES

- Available in metric and imperial shaft sizes
- No major modifications to existing housings required
- Comparable load capacity and misalignment capability to a solid bearing
- Quick and easy bearing replacement
- One bearing design for fixed or floating arrangements
- Pre-set radial internal clearance - no need to use feeler gauges

## BENEFITS

- Reduced replacement costs
- Maintain existing shaft centre height
- No decrease in bearing life
- Proven design able to accommodate
- Reduced downtime and maintenance
- Reduced inventory costs
- Optimum clearance achieved without

## DESIGN

- FAG split spherical roller bearings easily replace solid bearings
- Designed for direct replacement of standard bearing and sleeve in SN, SD and SAF style housings
- Cylindrical bore replaces adapter sleeve mounting method
- Inner ring, outer ring and roller/cage assemblies are split into halves and the inner ring is bolted together directly onto the shaft
- Internal design is adapted from the FAG E-type spherical roller bearing for maximum load capacity and longer life
- Split bearings have the standard (CN) tolerances of solid radial bearings and normal clearance of solid spherical roller bearings
- External dimensions require no more additional space than an adapter sleeve mounted FAG E-type spherical roller bearing

## FAG Bearing Replacement

Split versus Solid Bearings

	SPLIT	SOLID
Remove housing cap	•	•
Support shaft assembly weight	•	•
Disconnected drive components*		•
Remove shaft assembly from housings		•
Remove drive components from shaft		•
Remove and replace bearings	•	•
Mount drive components		•
Mount shaft assembly in housings		•
Connect drive components*		•
Secure housing cap	•	•
<b>Mounting Steps</b>	4	10
<b>Mounting Time</b>	50%	100%
<b>Maintenance Downtime</b>	33%	100%

\*May apply in certain circumstances

## APPLICATIONS

- Mining equipment
- Conveyor pulleys
- Material handling equipment
- Elevators
- Agitators and mixing equipment
- Fans and blowers
- Dryer rolls
- Line shafting
- Continuous casters
- Marine propellor shafting
- Crankshafts

## Schaeffler - a partner of choice!

Schaeffler is your partner of choice for sustainable solutions in respect to maintenance and quality control from the selection of optimal tools to machine monitoring and maintenance services such as mounting or reconditioning of rolling bearings.

Schaeffler products and services significantly reduce downtime by enabling our clients to reliably detect and resolve potential bearing issues before they arise. Early detection increases machinery and plant service life whilst significantly reducing total costs. In addition to offering permanent on-site support for our clients by means of servicing contracts, we also offer our customers emergency services on call whenever they are needed. Lower operating costs reduce the overall cost of ownership, enabling higher machine availability and increased energy efficiency.

Contact us with your application details and we will calculate the savings you can achieve with FAG Split Bearings!

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