

NEWS & TECHNOLOGY FROM SKF CANADA LTD

INNER RING



SKF MOUNT

- SKF.com/mount relaunches with new design and upgraded features
 - For over 18 years, skf.com/mount has been assisting our customers with correct mounting and dismounting guidelines
- Incorrect mounting/installation methods account for up to 16% of premature bearing failures

skf.com/mount



The SKF rolling bearings mounting & dismounting web application provides step-by-step instructions for the most appropriate methods and tools to mount and dismount the majority of SKF rolling bearings in a safe and efficient manner. Mounting is one of the critical stages of the bearing's lifecycle. If a bearing is not mounted properly using the appropriate method and tools, its service life will be negatively affected. Individual applications may require mechanical, heat or hydraulic mounting methods for correct and efficient bearing mounting.

What is new?

- More rolling bearing sizes and types are now covered
- Much easier to update content and add product families
- Responsive design makes it possible to access the application from mobile devices
- Updated product information for mounting and dismounting tools.
- Available in following languages: English, French, Chinese, Czech, Polish, Portuguese, Russian, Spanish, German & Italian

This vital update will help users safely mount and dismount bearings. With thousands of users a month visiting skf.com/mount it is an important subject with our customers.

Learn more: skf.com/mount

SKF®

SKF TOOLS HELP KEEP YOUR MACHINES RUNNING

Improve your efficiency with solutions from SKF



» SKF EasyPull mechanical puller TMMA series

The patented SKF EasyPull is one of the most user-friendly and safe tools on the market. The series is equipped with spring-operated arms and a solid design.

Avoid damaging the shaft with improper removal techniques, the TMMA series will assist you in the secure way to remove your bearings.

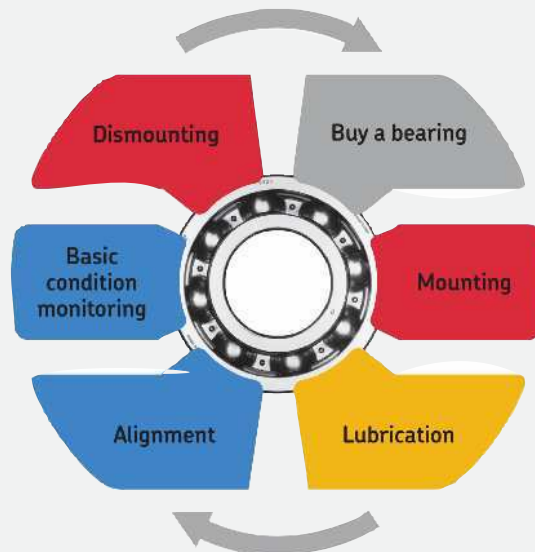
goo.gl/BL26Qo

» Bearing fitting kits TMFT Series

Poor fitting, usually using brute force, accounts for 16% of premature bearing failures. SKF's TMFT Bearing Fitting Tool Kits are designed for quick and precise mounting of bearings, while minimising the risk of bearing damage.



goo.gl/WrkTMQ



» SKF Bearing Heaters TIH series

The TIH series combines high heating capacity with portability. Heat is used to expand the bearings inner ring before placing on the shaft, as the bearing cools a stronger interference fit is the result.

goo.gl/TOSupQ



» Shaft Alignment Tool TKSA Series

The TKSA Series are easy to use laser alignment solutions for achieving accurate shaft alignments. With two wireless measurement units, large sized detectors and powerful lasers, the instrument performs in even the most challenging conditions.

goo.gl/zw7223



TKSA 11

Smartphone based solution

TKSA 31

Industrial touch screen display unit (included)

TKSA 41

TKSA 51

Tablet based solution

TKSA 71

» SKF SYSTEM 24 Single Point Automatic Lubrication

Continuously delivers precisely measured amounts of lubricant to desired points via a gas-driven pump.

It is ideal for lubrication points difficult or unsafe to reach manually, or where there are a large number of lubrication points where manual greasing would be less effective.

goo.gl/1gpzZZ



Talk to your SKF Authorized Distributor for more details and pricing.

SKF and its Authorized Distributor partner provide world class bearing replacement services for heavy equipment



SUCCESS STORY

The customer is a family owned business that has been operating since the 1960s. They have a strong focus on quality, service and being innovative. One of their business areas is in refurbishing tissue paper mill rolls. These rolls can be rather large and heavy and their supporting bearings have to be mounted with a great level of precision.

Performing the bearing mounting operation is challenging and is greatly facilitated by having the right supporting equipment. Key equipment in this case is a large bearing heater and a hydraulic system with pumps and nuts to ensure proper temperature and mounting pressure, and of course the expertise to properly perform the procedure. If you don't use the right temperature and/or pressure – not too little, and not too much – this can damage the bearing or shaft. These damages may not be visible through inspection, but will lead to reduced service life of the rolls, possibly causing unplanned downtime at the tissue mill!

Since the manufacturer realizes that this not their area of expertise, nor can they justify the investment in the right supporting equipment, so they have partnered with SKF and their authorized distributor to take care of this particular step in the refurbishment process.

SKF's Industrial Service Center in Cambridge, ON, is particularly well equipped to perform this type of precision maintenance. There is an overhead crane with 35 ton capacity as well as state-of-the-art bearing heating and mounting equipment, not to forget the highly skilled staff. The staff has of course extensive experience in mounting and dismounting bearings and can draw on SKF's global expertise if required.

The facility uses SKF replacement bearings and seals at market competitive prices. For non SKF components, the distributor is a leading industrial supplier and has access to the far corners of the supply chain to provide the needed components.

Sometimes freight costs are brought up as a potential obstacle, instead promoting the traditional solution of having a crew come on-site and perform the job. For large pieces of equipment, far too many times will the crew have to get creative in getting the job done, sometimes taking short-cuts that are affecting the quality of the repair.

Performing bearing dismounting and/or mounting at a specialized facility offers many advantages – but the most important is that the job will be done right, at a very competitive cost.





DOWNLOAD THE FREE SKF SHELF APP

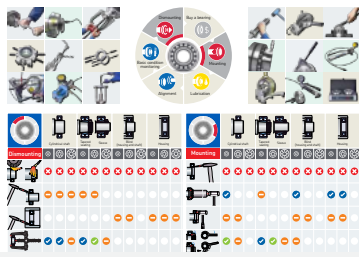
An easy way to access SKF materials & catalogues on your device

AVAILABLE ON:

Learn more: goo.gl/bya4rY



SKF Mounting and Dismounting

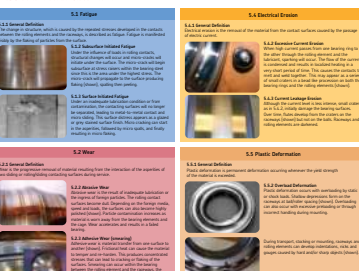


SKF MOUNTING AND DISMOUNTING POSTER

Receive a free SKF Mounting and Dismounting poster by emailing marketing@skf.ca | Available in English and French.
Size: 27" x 39"

*Limited quantities available

Bearing Damage Chart



SKF BEARING DAMAGE CHART POSTER

Receive a free SKF Bearing Damage poster by emailing marketing@skf.ca | Available in English and French.
Size: 24" x 36"

*Limited quantities available



BEARINGS IN TWIN SCREW COMPRESSORS

New! This application handbook provides detailed information about SKF Bearings in twin screw compressors.

Available on
SKF Shelf App:



SKF TRAINING SOLUTIONS CANADA 2019

Look for the 2019 Training Solutions booklet online at skf.ca/sts
Or request a printed copy by emailing marketing@skf.ca

Increased knowledge = Improved reliability

Manufacturers today are under tremendous pressure to provide the highest possible quality at the lowest possible cost. Therefore, achieving maximum machine reliability is critical. The profitability of all manufacturers is reliant on the skills of its personnel and how employers' and industry support these personnel to fulfill their potential.

Learn more about SKF Canada's training options at: skf.ca/sts



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marketing.canada@skf.com
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