



## NEW CHAIN CUTTING SERVICE

Tsubaki GT4 Winner chain can now be cut to your required length, this service includes 06B,-1 , 08B-1 , 10B-1, 12B-1 & 16B-1:

- Open length chain with connecting links
- Closed loop with riveted link
- Buy up to 100 feet in a continuous length for a stronger chain



**Paul Speight**, Power Transmission Product Manager says

“By ordering exactly what you need, waste is reduced and less boxes left on your shelf and vital time is saved not having to cut chain yourself. All stocked chain can be cut and despatched same-day!”



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**5 reasons to choose  
Timken Type-E**

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bearings are counterfeit**

### P4

**Take your catalogues with  
you on the go!**

## 5 REASONS TO CHOOSE TIMKEN TYPE E



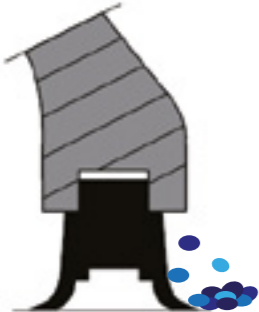
### 1. ENHANCED PERFORMANCE

With an outstanding load carrying capacity thanks to the optimised profiles and enhanced surface textures delivers a 55% increase in service life.



### 2. DOUBLE LIP SEALS

Double lip seal design with optimised contact offers superior protection against the ingress of debris, water and other contaminants into the bearing.



### 3. PREMIUM GREASE

Timken premium all-purpose industrial grease provides extra protection, the advanced formula features extreme pressure and anti-wear additives, along with corrosion inhibitors to deliver further increase in service life.



### 4. HOUSING DESIGN

Manufactured from robust cast iron and coated with electro-disposition coating providing outstanding corrosion resistance, protecting exposed surfaces of the housing and locking collar.



### 5. INTERCHANGEABILITY

Dimensionally interchangeable with all leading brands such as Dodge, Browning and Seal-Master.



## Petro-Canada release PURITY FG Gear Oils



Petro-Canada Lubricants' PURITY FG PAG Gear Oils are a new line of high-temperature, H1 food grade gear oils, for a wide range of applications. Petro-Canada Lubricants have the purest base oil in the industry, as standard lubricant purity is about 70-85%, whereas Petro-Canada offers 99.9% purity in all their base oils.

This means these synthetic polyalkylene glycol based oils are formulated to deliver exceptional performance, resistance to degradation and protection against wear, oxidation, rust and corrosion in the Food & Beverage industry.

## THK Next Day!

THK is well known as the original pioneer of the linear motion guide, and can be counted on for high quality rails & carriages that provide reliable and accurate service. To ensure you're always covered, ACORN carry large stocks of linear guide rails and carriages from THK that are available next day. Sizes available include: HSR, SR, SHS, SSR, HRW, SHW and GSR. Here's just one of our quarterly shipments ready to be added to stock:



## SKF release new thermometer range

SKF have released a new range of Thermometers following the global success of the TKTL 40 dual laser infrared and contact video thermometer. With three new models now available; TKTL11, TKTL21 and TKTL31 there's something to suit every application budget. Good predictive maintenance practices help to reduce machine down time to increase productivity and profits.



# HOW CAN YOU TELL IF YOUR BEARINGS ARE COUNTERFEIT?

**The world revolves on bearings. They're found in almost everything: cars, trains, planes, medical equipment, industrial machinery, even our washing machines. The demand for bearings is high, so it's easy to see why the bearing industry is one of the hardest hit by product piracy.**

"If we think of counterfeit products, we often think high quantities at low prices, but this isn't always the case. Product pirates are becoming wise to the prices premium labels can fetch. This means when copies are either identical or original refurbished bearings, making it easy to see how these products end up in the supply chain. Although counterfeit bearings may look identical to manufacturer product, in actuality, they couldn't be further from it. As we all know, lubrication and advanced technologies play a major part in the safe running of a bearing and these are the aspects compromised in fake bearing production.

It is still important to remember that prices too good to be true can be just that; good deals and unbelievably low prices are a

common indicator of counterfeit products. We all love a good deal, so even though these prices are tempting, in reality, the result of using these bearings can be catastrophic.

These fakes can fail within hours of fitting, putting machinery productivity and human lives at risk. This is demonstrated by Interpol who have stated that "we lose 10 people every day due to motor accidents because of vehicles that fail to break due to fakes bearings."

Manufacturers such as SKF and NSK are taking matters into their own hands by joining forces with law enforcement authorities. Commenting on the issue, SKF stated that "We take a zero-tolerance approach to the counterfeit problem. Every year, our brand protection team participates in more than 100 raids against sellers and manufacturers of counterfeit products."

As a result, SKF has seized 15 tonnes worth of counterfeit products in just one raid. This was their biggest seize and had been set to be sold to customers in the marine industry supply chain. More recently, NSK have been working with the Chinese authorities leading to the seizure and destruction of 23,000 boxes and cartons. This investigation also led to another seizure of 90,000 boxes from the same offender.

It's not only in China this is happening either. Closer to home, West Yorkshire Trading Standard - assisted by SKF - seized around 1.5 tonnes of counterfeit product in 2017.

**It may be near impossible to spot counterfeit's, but there are measures you can take. Using apps such as NSK Verify (for precision bearings) and SKF Authenticate can help you identify these pirate products. The World Bearing Association (WBA) have also released their WBA Bearing Authentication app.**



**ANDY FLETCHER**  
Bearings Product Manager  
*Andy joins us from NSK bringing over 15 years industry experience with him!*

**NEWS IN BRIEF**



SKF extends JIS compliant ball bearing unit range with its new 300 series for contaminated environments



Ruland release their slit couplings range - these couplings are described as “a good starting point for designers looking for a high performance coupling with high misalignment accommodation.”



The capabilities of the SKF Enlight ProCollect have been extended to support lubrication management



NKE have developed single-row deep groove ball bearings specifically for conveyor belt rollers in the mining industry. By re-engineering the design, the bearings optimise performance capability and service life compared with standard bearings.

**TAKE YOUR CATALOGUES WITH YOU**



If you can't always get access to the literature you need, the SKF Shelf App allows you to download and access SKF brochures and product information straight to your smart phone or tablet.

The app is easy and simple to use, allowing for both on and offline access to technical product information and material, meaning you have the right information to hand wherever you are.

SKF Shelf can save and organise your information exactly how you want it. It has 25 categories to browse, including industries such as Agriculture, Food and Beverage and Marine along with over 6800 information sheets, brochures and articles to choose from.

There are over 33 language choices and an option to filter literature in available languages, making SKF's information and literature more accessible than ever! The fact that you can carry SKF's product knowledge and literature around in your pocket makes this app well worth downloading.

All in all, we rate the SKF Shelf app as one of the best product information tools available.

**The SKF Shelf App is available through the App Store and Google Play.**



**SKF Motion Technologies Changes to EWELLIX**

Ewellix have taken over the SKF Linear range of products, so EWELLIX is the new name for SKF Motion Technologies but what can you expect from the changes?

