

## SKF V Belts Range

SKF carries the complete range of industrial power transmission belt products, including:

- Classical sections (A, B, C, D, Z)
- Wedge ISO (SPA, SPB, SPC)
- Narrow wedge RMA (3V, 5V, 8V)
- Cogged raw edge (CRE) to 4 000 mm pitch length
- Banded belts
- Special designs – e.g. Aramid cord



## SKF Xtra Power V Belt Range

The requirement for extra v belt capacity and longer belt life has been met with SKF Xtra belts:

- Oil and heat Resistant
- Up to 97% drive efficiency
- Minimum maintenance through drive life
- Extra capacity - 20-30% over standard products



## V Belts & Synchronous Range

The fastest growing range of belt products, SKF has a large portfolio of products:

- Classical trapezoidal (MXL, XL, L, H, XH, XXH)
- Metric trapezoidal (T2.5, T5, T10, T20, AT5, AT10) in rubber and polyurethane
- HiTD – Curvilinear teeth profile, high torque drive
- Double sided variants for most sections



## Synchronous Belt Cutting

To fulfill orders quickly, SKF has state-of-the-art cutting machines in key global locations:

- Allows economic order quantity
- Use of excellent SKF logistics support



## SKF Chain Range

The Roller & Conveyor Chain range from SKF:

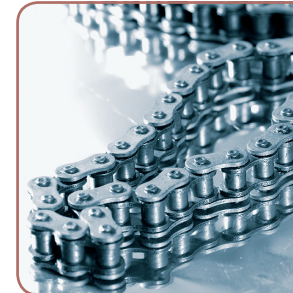
- Roller chains to ISO/BS, DIN and ANSI standards
- Heavy ANSI series roller chains – S, SH, SPH, SHH, for extreme conditions
- Standard chains available in rivet or cottered construction
- Attachment chains – A1,K1, WSA1 etc. available for roller and conveyor chains
- Special designs, made to order for most applications



## Xtra Corrosion Resistant Chains

For applications in extreme environments:

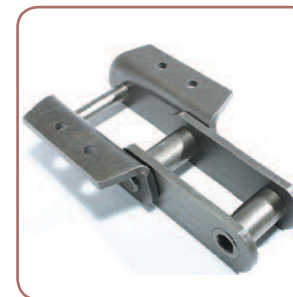
- Stainless steel – 304 and 316 grade for food grade
- Nickel plated – food grade non-contact, harsh environment
- Zinc plated for economical protection and low-medium resistance
- Dacromet Chain – high performance coating for chains in extreme conditions



## Conveyor chains

For chains in conveying in light to extreme heavy industry:

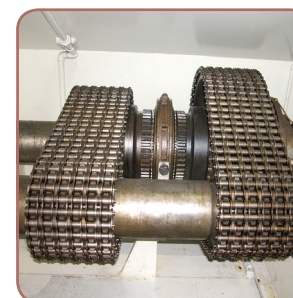
- Cement chains – bucket elevator, reclaimer and apron conveying
- Steel – transport and drive chains, special designs available
- Made to order unique chains for many applications



## API Certified Roller Chains

The demanding application of oil field pumps means having the right quality product available – SKF excels in supplying specialised industrial chains:

- API certified chains
- Ability to absorb shock, high fluctuating loads
- Equivalent to ANSI standards – from ANSI 80 and above, to eight strands wide



## Steel products

To offer the best possible drive systems, running on quality performance steel parts is essential. SKF can supply a range of pulleys, sprockets, hubs and bushings:

### SKF V Belt Pulleys

- ISO and RMA profiles – dimensions according to applicable standards
- Phosphate coated for ISO pulleys – a measure of corrosion protection
- RMA pulleys powder coated for economical protection
- Taper bush and QD locking systems as standard



### Hubs and bushings

For convenient locking to shafts with keyways – taper bush and QD bushes and accessory hubs to suit:

- Taper bushings and bolt-on or weld-on hubs
- QD bushes with weld on hubs
- Hubs ensure adaptability to any item locking to a keyed shaft



### SKF Sprockets

To suit the range of roller and conveyor chains, SKF has capabilities for all types of sprockets;

- ANSI and BS/ISO type sprockets
- Taper bush type pre-bored from factory
- Hardened tooth types available for extreme conditions



### SKF FX series friction bushes

This range of bushes makes it possible to attach items to plain shafts securely for demanding applications:

- Shaft sizes from 10 mm to 900 mm
- Ability to absorb shock, high fluctuating loads
- High transmittable torque up to 1 650 kN

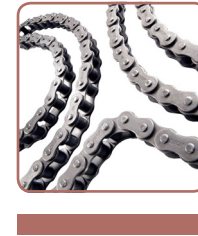




## Coupling types offered by SKF

With the vastness of the varied global coupling range, SKF has simplified the selection to the basic ranges, including:

- Elastomeric i.e. jaw and tyre-in-shear type couplings
- Spacer types i.e. jaw, flex-tyre, grid and gear types
- Chain coupling – ISO, JIS/ANSI
- Universal joints – small/light duty single and double flex, Cardan/Drive shaft assemblies
- Rigid couplings – up to 495 mm shaft
- Special designs; made-to-order for most applications



## Gear coupling

SKF's range of crown tooth gear couplings includes:

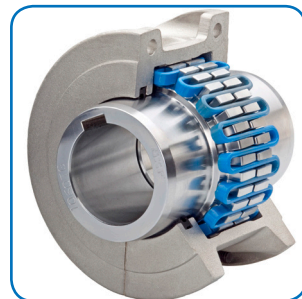
- Single and double Flex type – AGMA Standard
- Spacer, floating and fixed shafts
- Vertical arrangement
- Special made to order, e.g. insulated type



## Taper grid coupling

SKF's versatile taper grid coupling features:

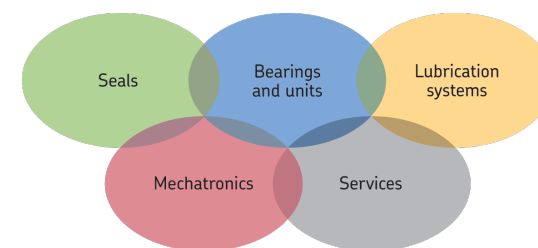
- Horizontal and vertical covers
- Half spacer and full spacer series
- Interchangeable with most popular brands – size-for-size
- Excellent damping properties



## SKF Flex, tyre-in-shear tyre coupling

The lowest maintenance coupling type that has proven the most popular globally, the SKF Flex range offers:

- Maintenance free
- Absorb shock, misalignment, vibrations
- Able to replace tyre without motor movement



## The Power of Knowledge Engineering

Drawing on five areas of competence and application-specific expertise amassed over more than 100 years, SKF brings innovative solutions to OEMs and production facilities in every major industry worldwide. These five competence areas include bearings and units, seals, lubrication systems, mechatronics (combining mechanics and electronics into intelligent systems), and a wide range of services, from 3-D computer modelling to advanced condition monitoring and reliability and asset management systems. A global presence provides SKF customers uniform quality standards and worldwide product availability.

® SKF is a registered trademark of the SKF Group.

© SKF Group

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB PT/P2 11778 EN • April 2011

Printed in Singapore

[www.skfptp.com](http://www.skfptp.com)



# SKF Power Transmission Products

