

# Products Catalogue



*Tomorrows Premium Today*



# 2007



**TransVision**

*Tomorrows Premium Today*

Welcome to **TransVision** who are in the process of transforming into one of the worlds most internationally recognised brands for Industrial Power Transmission Products. **TransVision** products already command international recognition for delivering reliable and consistent quality to industry at competitive pricing. All these ingredients will now be branded **TransVision** and proudly display the “Manufactured in China” label as there products continue to gain recognition as the next developing economy of premium quality for Industrial Power Transmission.

**TransVision** was formed with the amalgamation of manufacturers and trade export specialist with the common goal of delivering premium quality Chinese manufactured products that meet all customers’ specifications and the strictest of quality standards. By having specialists in each field of the manufacturing base, **TransVision** can not only assure that quality is delivered every time but can also ensure complete control of the manufacturing process for quality control and economic benefit to the customer.

All products carrying the **TransVision** brand are produced at sites engaging in approved manufacturing process using only the highest quality raw materials. Equipment used in the process is state of the art for the industry and the same as used in other leading manufacturing economies. For some time **TransVision** product has been unbranded or has carried other leading industry brands under license but the quality is now at a level that the market must recognise and associate with the true brand of manufacture.

**TransVision** core products are inclusive of Industrial Transmission Chain, Sprockets, Couplings, Gearing, Pulleys and Belts to leading industry standards. The range is very wide and constantly developing into other areas of specific customer requirement with the assurance of quality that the **TransVision** brand will deliver.

Please do not hesitate to contact us for more information on how **TransVision** products can meet your industries demands at highly competitive pricing.

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## AMERICAN AND BRITISH STANDARD ROLLER CHAIN

TV roller chains conform to both ANSI and European Quality Standards. All component parts are made to close tolerances for maximum fatigue strength and durability. Single and multiple strand chains are available from stock.



### FEATURES / BENEFITS

- Simplex, Duplex and Triplex available in BS and AS pitch sizes from 1/4" through to 2 1/2"
- Single strand chains packaged in 10ft, 50ft and 100ft lengths
- High quality, low maintenance precision roller chains
- Full 12 month replacement warranty
- Also available in hollow pin style
- Bulk pre-cut lengths available from the factory

## AMERICAN STANDARD HEAVY DUTY ROLLER CHAIN (H)

TV H Series roller chains differ from standard roller chains in the extra thickness of link plates. Thicker plates provide greater shock load resistance and increased fatigue strength.



### FEATURES / BENEFITS

- Greater maximum allowable load
- Increased tensile strength
- Smaller elastic elongation
- High quality, low maintenance precision roller chains
- Full 12 month replacement warranty
- Quality checked prior to despatch from factory

## AMERICAN STANDARD DOUBLE PITCH CONVEYOR CHAIN

TV ANSI Double Pitch Conveyor chains are produced with standard and over-sized rollers. They are most often found working on conveyors of all shapes and sizes and can be supplied with one or more of our many attachments to carry or convey products.



### FEATURES / BENEFITS

- Suitable for light to medium duty material handling applications
- Standard or oversized rollers
- Wide range of attachments available
- High quality, low maintenance precision roller chains
- Full 12 month replacement warranty
- Also available in hollow pin style

## STANDARD CHAIN ATTACHMENTS

TV chain are available with a standard range of K and S attachments for single and double pitch roller chains. The attachments adapt the chain into conveying applications and come in standard sizes and spacings to suit the specific application.

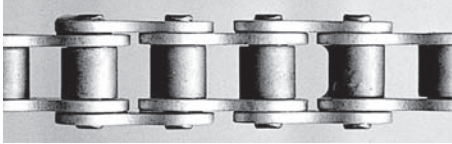


### FEATURES / BENEFITS

- Suitable for American and British standard roller chains
- Suitable for American double pitch and agricultural chain
- Standard BK1, BK2, SK1 and SK2 styles interchange with existing designs
- Special attachments available on request
- Locally assembled and factory pre-ordered stock is available

## AMERICAN AND BRITISH STANDARD STAINLESS STEEL ROLLER CHAIN

TV Stainless steel chains are suitable in operating environment requiring high thermal resistance (-20°C to 400°C), corrosion resistance and cleanliness. They can be also fitted with attachments for conveyor purposes.



### FEATURES / BENEFITS

- Manufactured from class 300 stainless steel
- Available in American and British standard chain
- High chemical and corrosion resistance
- Food grade quality
- Available with chain attachments

## PRESSED STEEL DETACHABLE CHAIN

TV Steel Detachable Link Chains (or Pressed Steel Chains) manufactured to ASME B29.6 for agricultural, transport and similar machinery



### FEATURES / BENEFITS

- Old design chain still available from stock
- For replacement of existing chain systems not easily upgraded
- Easy installation, low maintenance
- Simple proven design
- Retain existing sprocket system

## LEAF CHAIN

TV High quality Leaf Chain conforming to full ANSI standards. Available in standard pitch sizes and lacing patterns for most existing applications.



### FEATURES / BENEFITS

- BL (heavy) series available from stock
- Available in 10ft and 100ft pre-packed lengths
- Highly competitive pricing
- Special sizes available ex-factory
- Bulk cut to length service
- 12 month factory replacement warranty

## AGRICULTURAL AND TIMBER MILL ROLLER CHAIN

A range of TV Branded Chain products are also available for the Agricultural and Timber industries. High quality workmanship and materials ensure TV chains offer maximum service life increasing productivity, in these applications.



### FEATURES / BENEFITS

- Agricultural chains for combine harvesters, round bailers, feed wagons and many more available
- Attachments to suit also available
- Standard 81X and 81XH chains for timber mill conveying
- Welded steel Drag and Mill chains available ex-factory
- Special custom conveyor chain products also available ex-factory

## PILOT BORE SPROCKETS

TV's precision machined sprockets are available off the shelf in a huge range of tooth and pitch sizes of stocked chain. Standard hub diameters and length through bores ensure interchangeability with existing brands accommodating maximum bore capacity.



### FEATURES / BENEFITS

- Induction hardened teeth as standard
- American and British standard precision gear cut
- Finished machined sprockets available from the factory
- 12 month warranty on all products against material defects and workmanship
- Available in single, duplex, triplex, double and single types, also platewheels
- Available ex-stock

## TAPER FIT SPROCKETS

TV's Taperfit sprockets provide the customer fast finished bore sprockets by utilising pre-bore Taper Fit compression hubs off the shelf. High quality manufactured interchanging with leading brands.

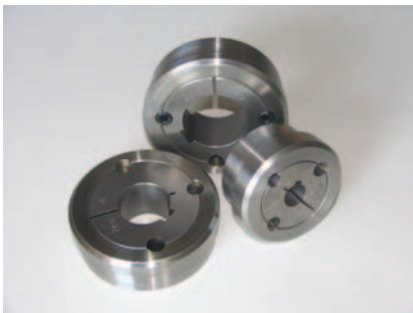


### FEATURES / BENEFITS

- B.S standard taper fit sprockets in simplex, duplex and triplex
- Fast easy installation no machining needed
- Manufactured from carbonised steel with induction hardened teeth
- Off the shelf availability for faster up times
- Induction hardened teeth as standard
- Standard and reverse taper fit sprockets

## TAPER FIT BUSHES AND WELD ON HUBS

TV Taper Bushes and Weld On Hubs are manufactured to the highest quality standards using GG22-25 cast iron depending on size. Thin wall bushes are produced from 45 steel. All surfaces are carefully machined to provide maximum contact area and transmission of torque.



### FEATURES / BENEFITS

- Full range of Bushes and Weld On Hubs available
- Suit metric and imperial bore
- Sizes 1008 to 5050 available
- Easy, fast installation no machining required
- Convert existing stock product to Taper Fit using easy to install Weld On Hubs

## WELD FIT SPROCKETS

TV Weld Fit Sprockets greatly reduce downtime increasing productivity. Ready for installation in minutes. No special machines and tooling needed to get customers the wide range of finish bore sprockets available. Tapered press fit to ensure perfect alignment before welding.



### FEATURES / BENEFITS

- Sprockets come standard with induction hardened teeth for maximum service life.
- Reduce downtime and increase productivity with TV Weld Fit Sprockets.
- 26 Standard Bore sizes to suit 135 Sprocket sizes, ready for installation in minutes.
- Huge savings on skilled labour & no more waiting to get production going again.

## GBC COUPLINGS

GBC Couplings are a general purpose high torque coupling, a flexible element can accommodate a high degree of misalignment. Pilot bore and Taper Fit flanges available to suit and a huge range of bore sizes.



### FEATURES / BENEFITS

- Parallel misalignment up to 0.5mm
- Axial misalignment up to 1.7mm
- Peak loads reduced by flexible component
- Take large bore capacities
- Interchangeable with most quality high torque couplings of similar design
- Shrouded flanges ensure the element is well protected
- Internal drive keys provide positive drive in the unlikely event of element failure
- Competitively priced

## JAW COUPLINGS

The TV Jaw coupling has a modular hub design and a spacer option with a range of pre-bored hubs, the Wrap N Snap (WNS) coupling is perfect for quick installation, maintenance free, and is unsurpassed for quality, and flexibility.



### FEATURES / BENEFITS

- Popular, proven design coupling used extensively in the pump industry
- Standard pre-bored metric and imperial shaft sizes are available ex-stock
- Standard 100, 140, and 180mm spacer sizes
- Fully interchangeable with other leading brands
- Taper Fit hubs also available for non standard shaft diameters

## CHAIN COUPLINGS

TV chain couplings are composed of double-strand roller chain and two sprockets, featuring a simple and compact structure that offers a high flexibility and greater transmission capacity compared to similar sized coupling. The chain coupling allows simple connection and disconnection, and use of the housing enhances safety and durability.



### FEATURES / BENEFITS

- Suited to high torque, low speed applications
- Low maintenance design, grease filled
- Accommodates shaft sizes up to 140mm in standard design
- Coupling fully enclosed for safer operation
- Bidirectional operation
- Interchangeable with other leading brand products

## TYRE COUPLINGS

TV Tyre coupling are a highly flexible coupling capable of handling increased parallel and angular misalignment. They also possess outstanding shock and vibration absorbing properties.



### FEATURES / BENEFITS

- Tyre couplings dampen shock and misalignment protecting connected equipment
- Easily adapt to standard 100, 140, 180mm spacer design
- Standard synthetic rubber and FRAS, (Friction Resistant/Anti-Static) tyres available
- Comes in Pilot Bore and standard Taper Fit design to accommodate a huge range of shaft sizes
- Economical
- Fully interchangeable with other leading brands

## MC CONE RING COUPLINGS

TV MC Cone Ring couplings transmit the load from one member to the other by means of a number of steel pins fitted with multiple, conical section rubber bushes.



### FEATURES / BENEFITS

- Proven design for over 20 years still offering extended service life
- Available in standard rubber and Euretane rings for increased torque capacity
- Easily adapt to standard 100, 140 and 180mm spacer design
- MC Pilot Bore and MCT Taper Fit design hubs available
- Fully interchangeable with other leading brands
- Euretane bushes available for increased torque capacity

## RM RIGID COUPLINGS

TV RM Rigid couplings are used to rigidly connect two shafts. Rigid couplings are often used because of their low maintenance requirement. Taper Fit bushes provide a secure fit on the driving and driven shafts, ensuring installation and removal is simple.

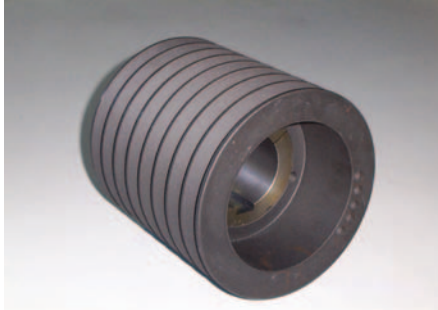


### FEATURES / BENEFITS

- Available from stock in standard HF or FF
- Use standard Taper Fit bushes for fast installation without special tools
- Suitable in horizontal and vertical shaft connection using correct hub combination
- Easy selection via shaft capacity
- To suit a huge range of metric and imperial stock shaft sizes

## PULLEYS

TV provides a range of cast iron Taper Fit Pulleys manufactured from high quality materials to international standards. High quality casting, dynamically and statically balanced.



### FEATURES / BENEFITS

- Single Multistrand pulleys to suit standard A, B, C, Z, SPA, SPB, SPC and SPZ section standard and cogged vee belts
- Standard Taper Fit design accomodating complete range of imperial and metric shafting
- Easy installation onto drive and driven shafts available
- Easy adjustment to driven speed if required at a latter time by interchanging pulley diameters

## VEE BELTS

TV Vee belts are available in standard sizes for classic A, B, C, and Z section. Available in SPA, SPB, SPC, SPZ wedge and X cogged belts.



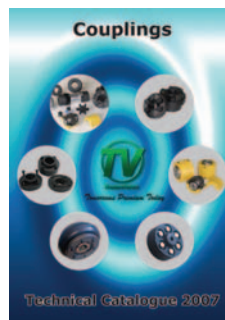
### FEATURES / BENEFITS

- Manufactured from high quality materials
- Quality checked prior to despatch from the factory
- Comprehensive range covering many industries
- High quality general purpose industrial belting



**Technical Catalogues  
Now Available**

- Full technical product and dimensional data
- Electronic and hardcopy available upon request



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