

Products Catalogue

2010



Quality Guaranteed



Quality Guaranteed

The GB range of Chains, Sprockets, Couplings and Pulleys has evolved from 20 years expertise in the importation and sale of the products locally in the Australia. The GB range is proudly imported from China from a group of individually selected manufactures producing a quality of product that exceeds local expectation and standards. China, like other nations have before them, is fast developing into a quality manufacture of products for the industrial power transmission industry. Amongst the many manufactures are a small group that continues to strive to better the finished product and reach their goal of equaling the quality and reputation of today's market leaders.

The best of these products will carry the GB brand and are backed by the local importers vast product experience and expertise. The GB product will be supported by detailed technical and promotional material and like the other leading brands will be warranted to be free from faulty workmanship and materials for a 12 month period. Products now carrying the GB brand are procured from factories using modern, state of the art machines and manufacturing processes. They have all been visited by GB Power and will continue to be on an ongoing basis to ensure their level of quality continues to grow over time. All have quality systems in place and all conform to the standards required by international markets. The **GB** brand name is your **Quality Guaranteed**.

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AMERICAN AND BRITISH STANDARD ROLLER CHAIN

GB 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)

GB 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

GB 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

GB 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

GB 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

GB 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

GB 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 GB Branded Chain products are also available for the Agricultural and Timber industries. High quality workmanship and materials ensure GB 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

GB'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

GB'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

GB 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

GB 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 GB 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 GB 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

GB 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

GB 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

GB 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

GB 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.

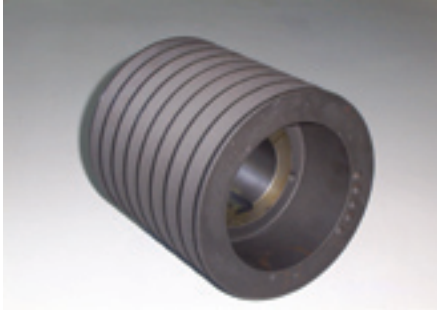


FEATURES / BENEFITS

- 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

GB 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

CHAIN TENSIONER

GB rubber block series tensioner are a proven and effective way for tensioning chain and belt drive in most applications. Properly tensioned drive ensure maximum service life and reduced maintenance issues.



FEATURES / BENEFITS

- Interchangeable with existing leading brands
- Can be mounted in any position to provide tension to dives in almost any application.
- Virtually maintenance free in most applications.
- Mounted via single bolt into the body on the main tensioner arm.



Quality Guaranteed

Technical Catalogues Now Available

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



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