



Power Transmission Product Range 2012

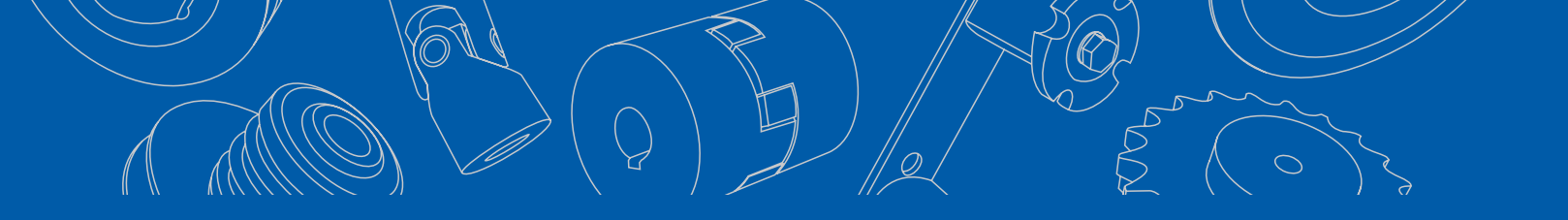
Naismith Engineering & Manufacturing Co P/L



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The Naismith Story

From humble beginnings in 1947, Naismith Engineering has grown to become a very important supplier to Australian and New Zealand industries.

The company has always concentrated on Industrial Power Transmission products, both as manufacturer and since 1961, also an importer.

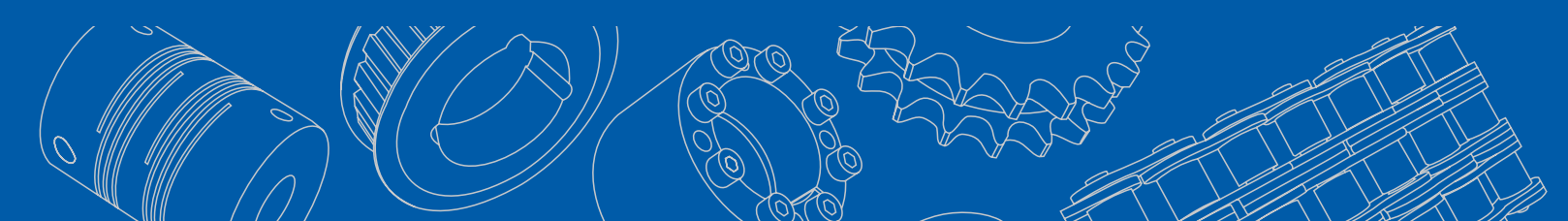
We import from 21 suppliers in 9 different countries. Quality has been our watchword, and the quality of products from our suppliers has always been checked, delivery by delivery. Regular factory inspections of our suppliers are also carried out by Naismith personnel.

With 15 people in Melbourne and 3 in Sydney, we are dedicated to supplying quality products through our 600 distributors in Australia, New Zealand and surrounding islands. Our staff is also trained to carry out drive design.

With nearly 2,000 square metres of warehouse, and 21,000 items of stock, our customers can usually be supplied on a same day basis with the products that they require. Registered customers can check our website for up to date stock levels and pricing.

If the product you require also requires machining prior to fitting on your machine, this can be promptly carried out in our own workshop. We also machine small quantity, made to order parts, to customer drawings.

Look to Naismith for your Industrial Power Transmission requirements.



Drive Line



Sprockets

We have a large range of sprockets on the shelf and if we don't have it, we can make it.

- British Standard B.S. up to 1.1/2"
- American Standard A.S.A. up to 2.1/2"
- Tooth range from 9 tooth up to 76 tooth
- Most sizes available in Pilot Bore & Taper Bore type
- Most sizes available in Plate Wheels, Simplex, Duplex & Triplex
- Specials available on request.



Timing Pulleys

Naismith Engineering has one of the largest ranges of timing pulleys in Australia. We were the first company in Australia to manufacture Timing Pulleys and still manufacture pulleys to customer drawings today.

- Classical XL, L, H, XH, XXH
- HTD 3M, 5M, 8M & 14M
- GTR 8M & 14M (Polychain drop in replacement)
- Metric T2.5, T5, T10, T20, AT5, AT10, AT20

A large variety of materials available, Steel, Cast Iron and Aluminium



V-Pulleys

A large range of Cast Iron V- Pulleys is available.

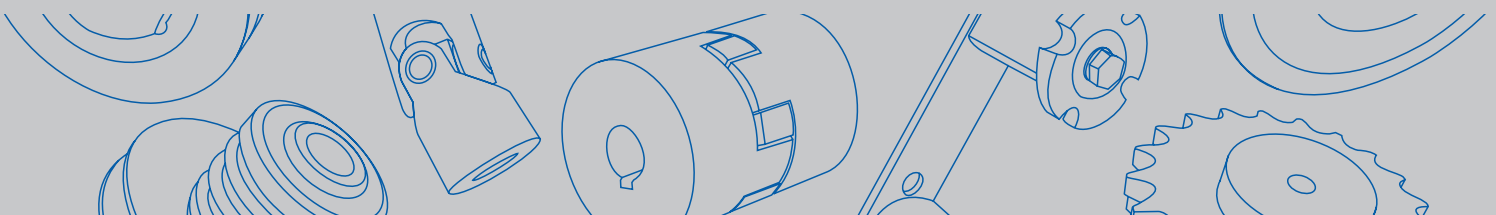
- SPA section, up to 500mm, 5 groove
- SPB Section, up to 1250mm, 8 groove
- SPC Section, up to 1250mm, 8 groove
- SPZ Section, up to 355mm, 4 groove
- All pulleys are manufactured in Cast Iron and are Taper Bore type.
- Aluminium pulleys are available on request



Poly-V

Poly-V drives are becoming more popular in Australia. We are one of the few companies where Poly-V Belts and Pulleys are available off the shelf.

- Both Pulleys and Belts available
- J section available in 4, 8, 12 & 16 Groove
- L section available in 6, 8, 10, 12, 16 & 20 Groove
- M section belting also available



Flexible Couplings

Naismith Engineering has a large range of Mechanical Power Transmission Couplings. We represent some of the world's best known brands and they include the following.



Lovejoy

Since 1927 Lovejoy has been manufacturing quality couplings, including products such as

- Jaw
- Saga
- Spacer Jaw
- Steel Disc
- S-Flex
- Gear
- Mini Soft
- Grid
- Oldham
- Delta Flex



SIT SpA

Sit Manufacture a range of high quality couplings including

- Trasco Curved Jaw
- Zero Backlash Couplings
- Gear Couplings
- Juboflex
- Bolt Couplings



Centa

Centa is based in Germany and have a large range of Rubber and Polyester couplings. Naismith Engineering stock their Industrial couplings

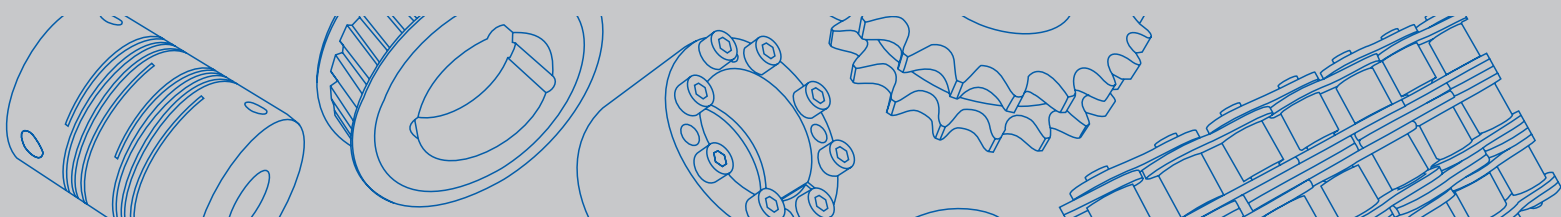
- A Type
- D Type
- B Type
- E Type
- H Type
- Centamax



Zero-Max

For over 50 years Zero-Max has been manufacturing quality power transmission products. Their coupling range includes

- Composite Disc
- Schmidt Offset
- Torq-Tender



Flexible Couplings



Ruland

Based in Boston USA, Ruland have a large range of small Zero Backlash couplings under 50mm in diameter including

- Beam
- Bellows
- Disc
- Oldham
- Jaw
- Rigid



Tschan

A German based coupling manufacturer. Tschan is well recognised in the Mining and Power Generation Industries. With both Rubber, Polyamide and all steel couplings

- Normex
- Posiflex (Gearcoupling)
- Tschan B
- Posimin (Disc Coupling)
- Tschan S
- Polyurethane



Woo Chang

Woo Chang is a Korean based coupling manufacturer. They have been supplying the world market for many years. Their range includes

- Grid couplings
- Gear couplings



Miki Pulley

Miki Pulley is a quality Power Transmission manufacturer and they manufacture a range of Couplings

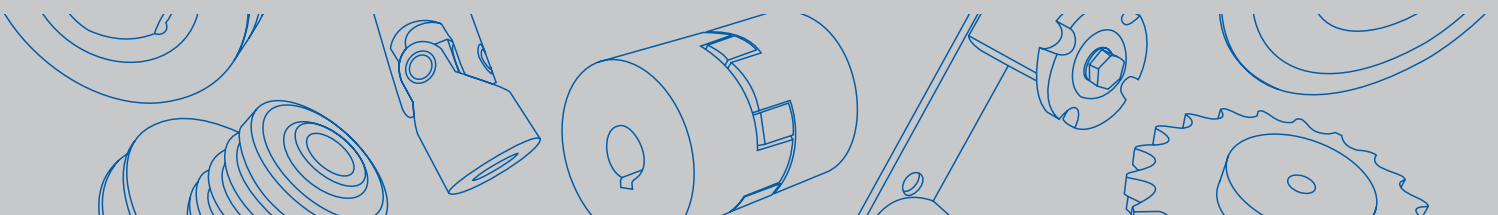
- Disc Couplings
- Beam Couplings



Miscellaneous Couplings

Naismith Engineering also carry a large range of other styles of couplings including

- Cone Ring Couplings
- Jaw Couplings
- Spacer Couplings
- Tyre Couplings
- Spring Couplings
- Universal Joints
- HRC Couplings
- OMT Couplings
- Chain Couplings
- Magnaloy Couplings



Chain

Naismith Engineering supply
2 brands of chain.



- EK Chain** is made in Japan.
We carry a full range of the following
- B.S. Standard simplex, duplex, triplex up to 32B
 - ASA Standard simplex, duplex, triplex up to 2 ½ " pitch
 - Heavy Chains
 - Hi*power chains
 - Side Bow Chains
 - Stainless Steel Chains
 - Nickel Plated Chains
 - Hollow Pin Chains
 - O-Ring Chains
 - Sintered Bush Chain
 - Leaf Chain



- TRP Chain** Made in China for Daido Corporation, Japan
- B.S. Standard simplex, duplex, up to 32B Pitch
 - ASA Standard simplex, up to 2 ½ " pitch
 - Stainless Steel Chains
 - Nickel Plated Chains

Belting



Optibelt - V-Belts

- Naismith Engineering carry a full range of Optibelt V-Belts
- A, B, C, D & Z Section V/Belts
 - SPA, SPB, SPC, SPZ V/Belts
 - Cogged/Notched Belts
 - Poly-V Belting J, K, L & M
 - Kraft Band Belts
 - Variable Speed Belts



Optibelt - Timing Belts

- Naismith Engineering carry a full range of Optibelt Rubber and Urethane Timing Belts
- Classical timing belts XL, L, H & XH
 - HTD Timing belts 3M, 5M, 8M, 14M
 - Metric Timing belts T2.5, T5, T10, AT5 & AT10

Locking Bushes

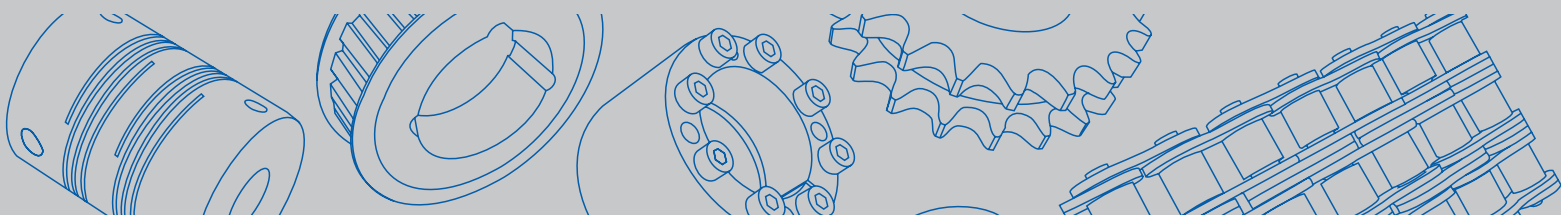


Tollok - Mechanical Locking Bushes

- Many different designs
- Bore sizes up to 300mm
- Self centering models available
- Ease of assembly

Other taper lock bushes

- Standard Taper lock bushes
- American Standard QD Bushes



Fluid Couplings



Fluidomat - Fluid Couplings

- Fixed Speed - Constant Fill
- Variable Speed - Scoop Control

Tensioners



Tecnidea Cidue - Tensioners

- Suit Chain and Belts
- Many different designs

Variable Speed



Variable speed

- Mechanical
- Stationary Adjustable
- Manually Adjustable
- Spring Applied
- Lovejoy
- Hi-Lo
- Miki Pulley
- SIT
- Zero-Max

Shaft Collars



Ruland - Shaft Collars

- Metric & Inch series
- 1 Piece Set Screw
- 1 Piece Split
- 2 piece Split
- Steel Black Oxide
- Stainless Steel
- Aluminium
- Acetyl - Hospital grade
- Threaded Bore

Brakes & Clutches



Brakes & Clutches

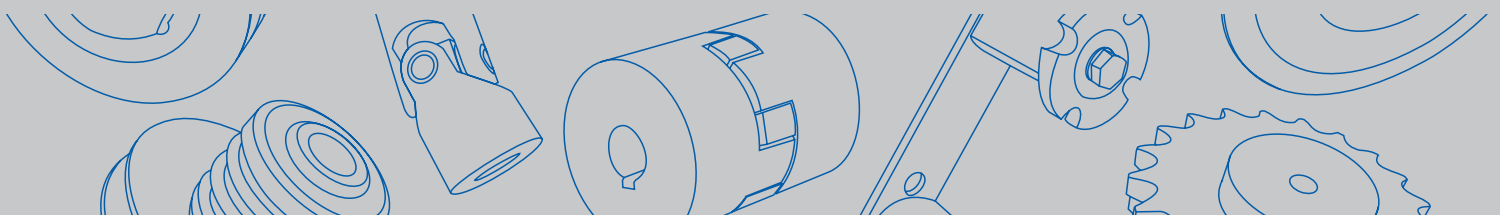
- Tol-O-Matic - Pneumatic, Hydraulic, Mechanical
- Miki Pulley, 24 Volt D.C.

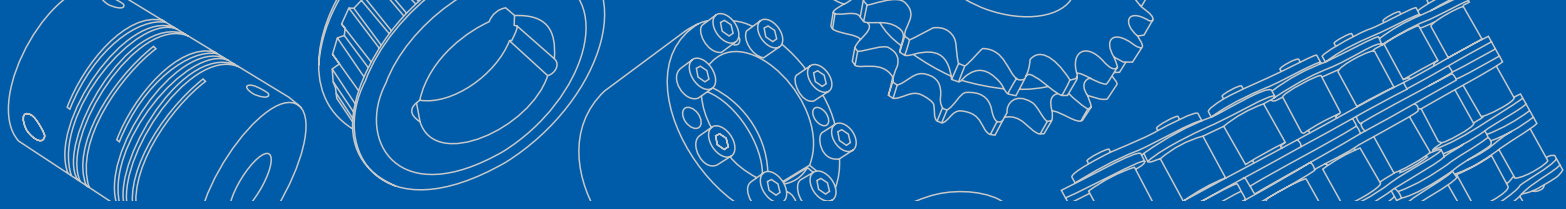
Gearboxes



Gearboxes

- WinSmith
- Float-A-Shaft - Tol-O-Matic
- Slide-Rite - Tol-O-Matic
- Crown Gear Drive - Zero Max
- Reversing - Hot Shift





WorkShop

Our workshop has the capacity that allows us to machine all of our products to suit your requirements. It may be a simple bore and key job in a coupling hub or a bearing fit in a sprocket or a timing pulley. We always offer quality workmanship in a very competitive turnaround time.

We also have the ability to manufacture Non-Standard Timing pulleys, Sprockets and Poly-V pulleys

Timing Pulleys

Classical Range	XL, L, H, XH, XXH
HTD	3M, 5M, 8M, 14M
GTR (Poly Chain)	8M, 14M
Metric	T2.5, T5, T10, T20, AT5, AT10, AT20

Sprockets

British Standard

05B (8mm), 06B (3/8"), 08B (1/2"), 10B (5/8"), 12B (3/4"), 16B (1"), 20B (1 1/4"), 24B (1 1/2"), 28B (1 3/4"), 32B (2")

American Standard

25 (1/4"), 35(3/8"), 40(1/2"), 50 (5/8"), 60 (3/4"), 80 (1"), 100 (1 1/4"), 120 (1 1/2"), 140 (1 3/4"), 160 (2"), 200 (2 1/2")

Poly-V

J & L Section



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