



ESTD. 1963

## **J. B. TRANSMISSION PRODUCTS**

POWER TRANSMISSION PRODUCTS



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## Jaw Couplings



Low Cost, compact general purpose Jaw Flexible Couplings with spider, "snap wrap" cushion type inserts in standard and spacer type.

## Pin & Bush Type Flexible Couplings



Bush Type Flexible Couplings for high torque transmission upto 23780 Nm in 20 sizes.

This type of coupling permits drive in either direction & requires neither lubrication bushes remain unaffected by water, dust & atmospheric condition. Available in Ex-stock OD - 3" to 24"

## Tyre Couplings



Tyre Couplings with a choice of 3 type of tyres and a range of 17 sizes upto nominal torque levels of 12606Nm

## Universal Joints Couplings



These are manufactured from alloy steel with heat treated working parts, with and without finish bore as per customers requirement. Available up to 8" Od and up to 4" shaft size and 2000 kgm Torque.

## Gear Couplings



Full Flexible and Half Rigid Gear Couplings in a range of 19 sizes can transmit torque upto 12,00,000 Nm and can accept diameter upto 1250 mm.

## Resilient Grid Couplings



Range :

Capacity : upto

300kw/100rpm

Speed: upto 3600 rpm

The Resilient Coupling derives its Torsional Flexibility from a special Steel Spring Grid Member fitted in tapered grooves, cut in the periphery of the driving and driven hubs, ranged of 8 sizes from 90 to 45,000 Nm.

Heavy duty application

## Disc Couplings



Fully Metallic Couplings in a range of 12 sizes can transmit torque upto 13367 Nm and can accept short diameters upto 165mm.

## Encoder Couplings



Couplings provide dynamic stability and vibration-free, smooth bearing loads, even at misaligned positions, Couplings find applications in petrochemicals plants, instrumentation, encoder, lead screws, ball screws, air cooling units, pumps, machine tools, CNC machines, duplicators, computer peripherals, wind power generators, anywhere there is a need for managing motion.



## Torque Limiter & Couplings



**Put** you in control of overloads that hamper production. Consistently accurate torque control. Positive drive responds instantly. Resets automatically. Operates in either direction.

## Taper Lock Pulley



Available in A,B,C & D Section with Static & Dynamic Balance as per requirements OD 80mm to 915mm

## Pulleys



**a) V-Belt Pulley**  
These are manufactured from C.I. upto 60", with or without taper lock bushes. Static and Dynamic balancing is done against request.

Available Ex-Stock in A, B, C, & D sections.

**b) Flat Pulley**  
These are available Ex-Stock in C.I. & M.S.

## Timing Belt & Pulley



Timing Belts & Pulleys for XL, L, H & XH Section and High Torque Belts & Pulley in 3M, 5M, 8M & 14M sections. Uniroyal (Gates) Power Grip Timing Belts construction with Gear like teeth to engage with matching grooves in the Pulleys, giving positive or Belt Drive with the advantage of Chain & Gear Drives.

## Sprockets (Chain Wheel)



For VA to 3" pitches std. chains (06B to 48B) full range of sprockets is available as std. Stock items 8 teeth to 95 teeth Simplex - Duplex - Triplex is Ex-stock. Induction / Flame hardened teeth also can be provided. Sprockets can also be offered against specific requirement.

## Machine Mounts



Size : ODia. 80mm to 200 mm  
Load : 95 to 2200 kg.  
Deflection : 3.5 mm to 4.2 mm

These mounts will insulate high frequency vibrations and sound & prevent wandering of Machinery due to the large contact area.

## Cushyfoot Mountings



Load :  
For 1X2 - 77kg. to 317kg.  
For 5X2-272kg. to 1580kg.  
Deflection :  
For 1X2-5.3 mm to 6.1 mm  
For 5X2-5.6 mm to 6.3 mm

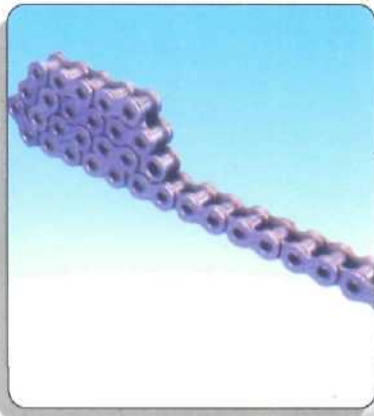
## Elevator Buckets



Buckets are made of One Piece Pressed Steel of very high resistance Without Any welding.

Designed for optimum output, Thanks to rounded corners for easy discharge and tapered ends to nest for shipments. Suitable for Conveying & elevating all types of products.

### *Hollow Pin Chains*



$\frac{1}{2}$ " to 2" in Roller Chain & up to 6" Conveyor Chain are available in Ready stock.

### *Roller Chains*



Precision Roller Chains to Both BS Standard & ASA Standard From  $\frac{1}{4}$ " to 3" Pitch (Simplex, Duplex, Triplex).

### *Bottling Chains*



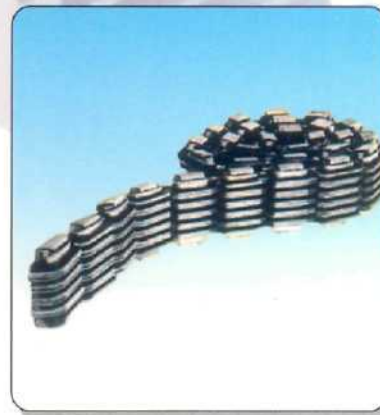
Available in Stainless Steel, Carbon Steel & Derlin material. Size : 2" to 7 $\frac{1}{2}$ " width  $\frac{1}{2}$ " to 1"

### *Conveyor Chains*

Smooth & stable flow of materials depends on the performance of Conveyor Chains. These are available from 1" pitch to 24" pitch having breaking load up to 100 tonnes in Carbon Steel, Stainless Steel, Zinc plated Nylon rollers etc.



### *P. I.V Chains*



Available as per German, English & Czechoslovakia Standard imported as well as indigenously made. Ring Roller Bearing P.I.V. Chains are also available.

### *Ancillaries, Abrasives, Beverages, Cement, Chemicals*



### *Construction, Electronics, Fertilisers, Food Processing, Glass*



### *Packaging, Paper, Refineries, Sugar, Textiles, Writing Instruments*



## **J. B. TRANSMISSION PRODUCTS**

148/403, Jawahar Nagar, Road No.9, Goregaon (West), Mumbai - 400 062, Maharashtra, (INDIA)

Mobile No : + 91 91670 06197 /+ 91 93226 57744

Fax : 91-22-2876 8925 Tel: 91-22-2876 8925 / 91-22-3069 9410

Email : jbtpr\_kiran@rediffmail.com / jagdeep.chain@gmail.com