



DHANUSH ENTECH
POWER TRANSMISSION & ENGINEERING PRODUCTS

10+ YEARS OF EXPERIENCE

SUPPLIER · MADE TO OUR SPECIFICATION

PRODUCT CATALOGUE · AHMEDABAD, GUJARAT, INDIA

PULLEYS. COUPLINGS. SPROCKETS.

Cast iron, mild steel and aluminium power transmission components — cast, machined and dynamically balanced to our specification by our tie-up manufacturing units, from 67 PCD to 1250 PCD, supplied standard or fully to your drawing.

V-BELT PULLEYS

TAPER LOCK

TIMING PULLEYS

INDUSTRIAL COUPLINGS

CHAIN SPROCKETS

TAPER BUSHES

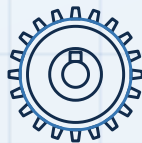
FEATURED RANGE



TAPER LOCK PULLEY



V-BELT PULLEY



CHAIN SPROCKET



GEAR COUPLING

10+

YEARS OF EXPERIENCE

8

PRODUCT FAMILIES

100%

MADE IN INDIA

1250

PCD MAX. CAPACITY

RANGE

CAST IRON, STEEL & ALUMINIUM

Finished bore, keyway and dynamic balancing on all items

TL SERIES

Taper Lock Pulley

- 67 PCD – 1250 PCD · 5" to 58" dia
- SPZ / SPA / SPB / SPC / SPM · A–E
- Bush 1008 to 6050 · graded C.I.
- Fits and removes without machining

MULTI GROOVE

C.I. V-Belt Pulley

- 2" to 80" dia · section A B C D
- 2 to 6 grooves or as per drawing
- Graded cast iron, machined rim
- Bore, keyway and balancing to order

V-GROOVE

Single Groove Pulley

- 2" to 36" dia · section A B C D
- Single groove, solid web
- Motor and light drive duty
- Rust-resistant finish

PLATE TYPE

Plate Type Heavy Bush Pulley

- 10" to 24" dia · section A B C D
- 3 to 10 grooves
- Lightened plate web, high strength
- Heavy bush hub

TWO PIECE

Split Pulley

- 12" to 36" dia · section A B C D E
- 3 to 16 grooves or to drawing
- Bolted two-piece construction
- Fits without dismantling the shaft

STEPPED

Step Pulley (Cone)

- 2" to 12" dia · section A & B / C
- 2 to 5 step variable speed
- Lathe, drill and machine tool drives
- Cast iron or aluminium

PUMP DUTY

C.I. Motor Pump Pulley

- 3" to 8" dia
- Face 3" · 4" · 5" · 6"
- Monoblock and pumpset drives
- Standard bores ex-stock

FLAT BELT

C.I. Patta (Flat Belt) Pulley

- 5" to 18" dia
- Face 3" · 4" · 5" · 6"
- Crowned rim for belt tracking
- Oil mill and ginning duty

LIGHT DUTY

Aluminium / Drill Pulley

- 2" to 20" dia · section A & B
- Die-cast and machined aluminium
- Light and corrosion resistant
- Drill and bench machine drives

TOOTHED

Timing Pulley

- All pitches and teeth in ready stock
- M.S. · C.I. · Aluminium
- Pilot bore or taper lock type
- With or without flanges

SOLID WEB

Solid Pulley

- Heavy duty solid web design
- Section A B C D · multi groove
- For shock and high torque loads
- Manufactured to drawing

QD SERIES

Q.D. Bush Pulley

- Quick detachable bush fitting
- Multi-groove, all standard sections
- Fast mounting and dismounting
- Bush supplied with pulley



TAPER LOCK



V-BELT MULTI GROOVE



TIMING / TOOTHED



FLAT BELT / PATTÀ



TAPER BUSH FIT

MATERIAL

Graded C.I. · M.S. · EN steel · Aluminium

SIZE RANGE

2" to 80" dia · 67 to 1250 PCD

SECTIONS

SPZ SPA SPB SPC SPM · A B C D E · M

CUSTOMISATION

Bore, keyway, grooving and balancing to order

HOW TO ORDER

Please state pulley type, outside diameter or PCD, belt section (SPZ / SPA / SPB / SPC or A / B / C / D / E), number of grooves, and the shaft diameter with keyway size. Drawings and samples are welcome; non-standard sizes are made to order.

RANGE

INDUSTRIAL SHAFT COUPLINGS

Bore, keyway and balancing to customer specification



Gear Coupling

Full and half gear sleeve type — high torque, compact.



Chain Coupling

Duplex roller chain with cover — simple and serviceable.



Nylon Sleeve Coupling

Maintenance-free nylon sleeve, quiet running.



Rotex Coupling

Three-piece jaw type with torsionally flexible spider.



Pin Bush Coupling

Rubber bush pins absorb shock and misalignment.



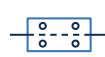
Tyre Coupling

F and TC series tyre element, high flexibility.



Star / Love Joy Coupling

Cast iron, aluminium and rubber star elements.



Muff Coupling

Split bolted sleeve for in-line rigid shaft joining.



H.R.C. Coupling

Taper-lock fitted spider coupling, quick service.



Brake Drum Coupling

Integral brake drum for hoists and cranes.

Rigid Coupling

Spider Coupling

S.W. Coupling

R.R.S. Coupling

R.R.L. Coupling

E.D. Gear Coupling

Flexible Gear Coupling

Spacer Coupling

Fluid Coupling

Aluminium Star Coupling

C.I. Star Coupling

F Series Tyre Coupling

Q.D. Bush

03

CHAIN SPROCKETS

Industrial · Roller · M.S. chain sprockets

SINGLE ROW

Simplex Chain Sprocket

- 8 to 100 teeth
- Pitch 3/8" to 3"
- M.S. / C.I. / EN steel
- Hardened teeth on request

DOUBLE ROW

Duplex Chain Sprocket

- 8 to 100 teeth
- Pitch 3/8" to 3"
- Machined from solid or plate
- Bore and keyway to order

TRIPLE ROW

Triplex Chain Sprocket

- 8 to 100 teeth
- Pitch 3/8" to 3"
- Heavy transmission duty
- Balanced running

ROLLER TYPE

Roller Chain Sprocket

- Carbon steel construction
- For roller and conveyor chain
- Plate wheel and hub types
- Made to sample or drawing

NO. OF TEETH

8 to 100 teeth

PITCH

3/8" · 1/2" · 5/8" · 3/4" · 1" · 1.1/4" · 1.1/2" · 2" · 3"

MATERIAL

Mild steel · Cast iron · EN series steel

OPTIONS

Hardened teeth, plate wheel, taper bush hub

HOW TO ORDER

For couplings, state the type and size with the bore and keyway of both shafts, together with transmitted kW and running rpm. For sprockets, state chain pitch, number of teeth, simplex / duplex / triplex and hub type.

04 TAPER LOCK BUSHES

Precision cast iron, marked for size identification

Interlocking bushes for mounting pulleys, sprockets and couplings on to drive shafts — fitted and removed without machining. High tensile strength for heavy workloads, supplied with bore and keyway in all standard sizes.



1008 1108 1210 1215 1310 1610 1615 2012 2517 2525 3020 3030
3525 3535 4040 4545 5050 6050

05 OTHER TRANSMISSION COMPONENTS

Standard from stock · specials to your drawing



C.I. Motor Rail

Adjustable motor slide rails — medium and heavy, 12" to 42".



C.I. Hand Wheel

Sizes 3 to 18 — valve, press and machine duty.



Spur Gear & Pinion

Cut to required module, teeth and face width.



Rack & Pinion

Straight racks supplied with matched pinions.



Trolley Wheel

Grooved and flat trolley wheels in C.I. and steel.



Roller & Conveyor Chain

Standard and attachment chain to pitch.

06 CAPABILITY & CUSTOMISATION

Specified by us · produced at our tie-up units

MACHINING

CNC turning, boring, hobbing and groove cutting carried out at our tie-up units.

BALANCING

Static and dynamic balancing to suit the running speed of the drive.

MADE TO ORDER

Finish bore, keyway, groove profile and hub style produced to drawing.

MATERIALS

Graded C.I., M.S., EN series steel and aluminium as specified.

07 INDUSTRIES WE SERVE

OIL MILL

SUGAR MILL

TEXTILE MILL

CRUSHER PLANT

DAIRY PLANT

GINNING MILL

ROLLING MILL

RICE MILL

PAPER MILL

BALL MILL

FOOD MACHINERY

GASES INDUSTRIES

POWER PLANT

PUMP & COMPRESSOR

CEMENT PLANT

CHEMICAL PLANT

08 QUALITY ASSURANCE

- Our tie-up manufacturing units work to recognised international quality standards.
- Stage-wise inspection from raw material to finished component.
- Automated controls wherever possible to eliminate dimensional error.
- Dynamic balancing and test certification available on request.
- Material and dimensional reports supplied with the consignment on request.

WORKS & OFFICE

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Supplier · Made to our specification



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