





Product Identification

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BEARINGS · TRANSMISSIONS · LINKAGES

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**V & WEDGE BELTS****V & WEDGE BELTS****Description**

V & Wedge Belts are available wrapped (also known as envelope), raw edge cogged (REC), banded (side by side) and double sided (Hexagonal).

Transmissions Catalogue pages 7 to 36

Information required for identification;

- Any part number or brand on the belt?
- Cross section (top width x depth)?
- The inside length in mm?
- Plain wrapped profile or raw edge cogged (teeth)?
- Colour?

**V PULLEYS****V-PULLEYS****Description**

V-Pulleys are available with a pilot bore or with a taper bore for use with a taper bush that is pre-machined with the required bore and keyway size.

Transmissions Catalogue pages 37 to 70

Information required for identification;

- Any part number or brand on the pulley?
- What is the pulley diameter?
- Cross section (top width x depth of a V groove)?
- How many V grooves does the pulley have?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the pulley taper bored for a use with a taper bush?

**MICRO V-BELTS****MICRO V-BELTS****Description**

Micro V-belts, (also known as Poly-V belts) are a flat belt with grooves running the full length of the belt.

Transmissions Catalogue pages 71 to 76

Information required for identification;

- Any part number or brand on the belt?
- Cross section (top width x depth)?
- The inside length in mm?
- Number of V's.

**MICRO V PULLEYS****MICRO V-PULLEYS****Description**

Micro V-Pulleys are available with a pilot bore or with a taper bore for use with a taper bush that is pre-machined with the required bore and keyway size.

Transmissions Catalogue pages 77 to 83

Information required for identification;

- Any part number or brand on the pulley?
- What is the pulley diameter?
- Cross section (top width x depth of a V groove)?
- How many V grooves does the pulley have?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the pulley taper bored for a use with a taper bush?



TIMING BELTS

Description

Timing belts are available in both metric and imperial pitch sizes and a range of varying widths, in both rubber and polyurethane materials.

Transmissions Catalogue pages 84 to 116

Information required for identification;

- Any part number or brand on the belt?
- Pitch of the belt (the distance between the centre of one tooth to the centre of next tooth)?
- The inside length in mm?
- The width of the belt?
- How many teeth on the belt?
- Colour?



HTD TIMING PULLEYS TAPER BORE

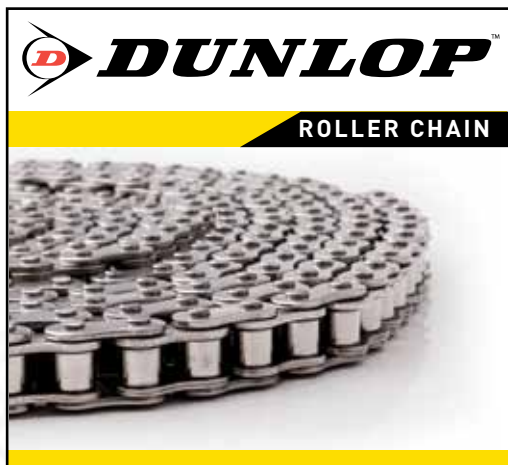
Description

Timing belt pulleys are available with a pilot bore or with a taper bore for use with a taper bush that is pre-machined with the required bore and keyway size.

Transmissions Catalogue pages 117 to 158

Information required for identification;

- Any part number or brand on the pulley?
- Pitch of the belt (the distance between the centre of one tooth to the centre of the next tooth)?
- How many teeth does the pulley have?
- What is the measurement between the pulley flanges?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the pulley taper bored for a use with a taper bush?



ROLLER CHAIN

Description

Roller chain is available in steel colour, nickel plated and in stainless steel and in a range of pitch sizes from 6mm up to 2" in simplex, duplex and triplex.

Transmissions Catalogue pages 159 to 169

Information required for identification;

- Any part number or brand on the belt?
- Pitch of the chain (the distance between the centre of one pin to the centre of the next pin)?
- The distance between the inside plates?
- The roller diameter?
- Single row (simplex) double row (duplex) or triple row (triplex) of chain strands?
- Surface finish/material?



SPROCKETS & PLATE WHEELS

Description

Roller chain sprockets are available with a pilot bore or with a taper bore for use with a taper bush that is pre-machined with the required bore and keyway size.

Transmissions Catalogue pages 170 to 209

Information required for identification;

- Any part number or brand on the pulley?
- Pitch of the sprocket (the distance between the centre of one tooth to the centre of the next tooth)?
- How many teeth does the sprocket have?
- Single row (simplex) double row (duplex) or triple (triplex) rows of teeth?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the sprocket taper bored for use with a taper bush?

**COUPLINGS****COUPLINGS****Description**

Shaft couplings are available both flexible (using either a rubber tyre or insert) and rigid (bolts tightly together) and are used to connect 2 shafts together.

Transmissions Catalogue pages 210 to 217

Information required for identification;

- Any part number or brand on the coupling?
- Is there a rubber tyre or rubber insert fitted to the coupling?
- What is the outside diameter?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the pulley taper bored for a use with a taper bush?

**HUBS & ADAPTORS****HUBS & ADAPTORS****Description**

Hubs can be welded or bolted into a product that needs connecting to a shaft, a taper bush can then be fitted inside to secure.

Transmissions Catalogue pages 218 to 221

Information required for identification;

- Any part number or brand on the hub?
- What is the outside diameter?
- What is the taper bush fitting size?

**TAPER BUSHES****TAPER BUSHES****Description**

Taper bushes form the most convenient method of fixing a component to a parallel shaft. They are pre-machined to suit the required bore and keyway size.

Transmissions Catalogue pages 222 to 227

Information required for identification;

- Any part number or brand on the coupling?
- Is there a rubber tyre or rubber insert fitted to the coupling?
- What is the outside diameter?
- If machined what is the bore and keyway size? Any grub screws?
- Or is the pulley taper bored for a use with a taper bush?

**TAPER BUSH LOCKING DEVICE****TAPER BUSH LOCKING DEVICE****Description**

Taper bush locking devices are similar to taper bushes but fit inside a parallel bored component. Also pre-bored to suit the required bore size.

Transmissions Catalogue pages 228 to 241

Information required for identification;

- Any part number or brand on the taper bush locking device?
- What is the outside diameter?
- What is the depth of the taper bush?
- What is the required bore and keyway size?

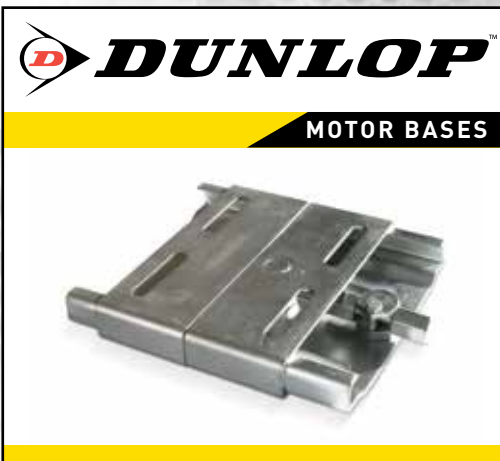
**BELT AND CHAIN TENSIONERS****Description**

Tensioner arms are used to tension a roller chain or drive belt, a range of idler sprockets and rollers are available to suit all drive systems.

Transmissions Catalogue pages 242 to 249

Information required for identification;

- Any part number or brand on the tensioner
- If being fitted to a chain drive what is the chain size/reference?
- If being fitted to a drive belt system what is the belt size/reference?
- And if being fitted to a V-belt drive, how many belts in the drive?

**MOTOR BASES****Description**

Motor slide bases offer a convenient way to mount an electric motor, the sliding action allows for re-tensioning of a belt or chain drive system without dismantling.

Transmissions Catalogue page 250

Information required for identification;

- Any part number or brand on the motor slide base?
- What electric motor needs to be mounted?
- What is the motors fame size?

**MALE ROD ENDS****MALE ROD ENDS****Description**

Motor slide bases offer a convenient way to mount an electric motor, the sliding action allows for re-tensioning of a belt or chain drive system without desmantling.

Linkages Catalogue pages 17 to 40

Information required for identification;

- Any part number or brand on the rod end?
- What is the ball bore size?
- What is the thread size?
- Is the thread right or left handed?
- What is the liner material (the material between the housing & the ball)?
- If unsure what colour is the liner?

**FEMALE ROD ENDS****FEMALE ROD ENDS****Description**

Female rod ends have their thread on the inside of the housing and are available with a metric or imperial bore and thread size.

Linkages Catalogue pages 41 to 68

Information required for identification;

- Any part number or brand on the rod end?
- What is the ball bore size?
- What is the thread size?
- Is the thread right or left handed?
- What is the liner material (the material between the housing & the ball)?
- If unsure what colour is the liner?

**SPHERICAL BEARINGS****SPHERICAL BEARINGS****Description**

Spherical bearings are available in a range of materials such as steel and stainless steel and options regarding the liner material.

Linkages Catalogue pages 69 to 84

Information required for identification;

- Any part number or brand on the spherical bearings?
- What is the ball bore size?
- What is the outside diameter?
- What is the housings width?
- What is the ball width?
- What is the liner material (the material between the housing & the ball)?
- If unsure what colour is the liner?

**BALL JOINTS****BALL JOINTS****Description**

Ball joints usually have their thread on the inside of the housing and have a male stud protruding at 90° they are available with a metric or imperial thread sizes.

Linkages Catalogue pages 85 to 100

Information required for identification;

- Any part number or brand on the ball joint?
- What is the thread size in the housing?
- What is the thread size of the stud?
- Are the threads right or left handed?
- Is there a liner material between the housing and the ball stud?
- Does the ball joint have a rubber gaiter?

**CLEVIS JOINTS****CLEVIS JOINTS****Description**

Clevis joints are available in a range of materials such as steel and stainless steel and are available in both metric and imperial sizes.

Linkages Catalogue page 102

Information required for identification;

- Any part number or brand on the clevis joint?
- What is the hole diameter size?
- What is the thread size?
- Is the thread right or left handed?
- What is the housing square measurement?
- What is the distance from the centre of the hole to the base?

**LINKAGES****LINKAGES****Description**

Linkages usually consist of a rod and 2 of the previous pages components, one on either end. Only available for OEM applications.

Linkages Catalogue page 114

Information required for identification;

- We would suggest that you contact our linkage section who will be able to assist in an OEM application, advising the most suitable product to be used.
- A joint visit to your customer would be highly recommended.



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