




Product Identification

European Distribution Centre Contact Details

 +44 (0)1233 663340

 +44 (0)1233 664440

 sales@dunlopbt.com

 www.dunlopbt.com

BEARINGS · TRANSMISSIONS · LINKAGES

DUNLOP BTL LTD, MPT House, Brunswick Road, Cobbs Wood Ind. Est. Ashford, Kent TN23 1EL. UK

**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

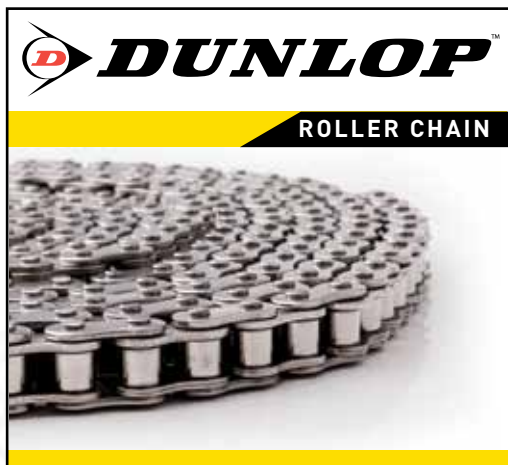
Description

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 identification?
- 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 taper bush?
- What is the largest outside diameter?
- What is the depth of the taper bush?
- What is the required bore and keyway size?

**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

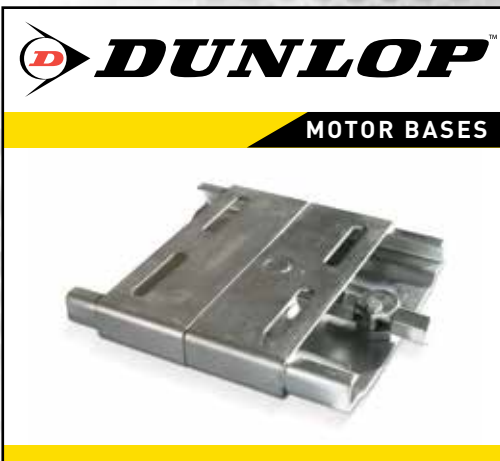
Description

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**

Male rod ends are used to absorb misalignment in a linkage. Male rod end bearings are available with either metric or imperial threads and bore sizes, right or left handed threads and with threaded studs.

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?

 **DUNLOP**TM**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?

 **DUNLOP**TM**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.



European Distribution Centre Contact Details

 +44 (0)1233 663340

 +44 (0)1233 664440

 sales@dunlopctl.com

 www.dunlopctl.com

BEARINGS · TRANSMISSIONS · LINKAGES

DUNLOP BTL LTD, MPT House, Brunswick Road, Cobbs Wood Ind. Est. Ashford, Kent TN23 1EL. UK