LÜTGERT

ANTRIEBSELEMENTE

Split pulleys

If performance is required

www.luetgert-antriebe.de

SPLIT PULLEYS
FACILITATION OF TRANSPORT AND ASSEMBLY

Manufacture of split pulleys in all designs as exclusive custom-made products. Depending on the requirement, the pulley is manufactured as an arm or disc configuration. With our optimal moulding process, we can mould all drive pulleys flexibly, quickly and without model costs and manufacture them in our own foundry. As a complete manufacturer, we process the pulley on state-of-the-art CNC machines according to the customer's specifications.

For the production of split discs, predetermined split points are already designed into the raw casting during the moulding process. At these points, it is then cut in half and immediately rejoined and fixed. The microstructure that only exists in grey cast iron is exploited to achieve a perfect fit at the split points.

Unit weights up to 6,000 kg and geometries up to a Ø 2,500 mm are possible without any problems. The drives are then perfectly balanced on our Schenk balancing machines. We also carry out balancing on a sub contract basis for our customers. We also offer various surface treatments.

Materials

- Standard material for peripheral speeds up to 30 m/s:
  Cast iron EN-GJL-200 to EN-GJL-300 (GG-20 to GG-30) according to DIN EN 1561

Shaft-hub connection

- Cylindrical bore with or without keyway, Tolerance field for interference fits

- Version also possible with clamping hub (only the hub is split, not the rim)

- Preparation for mounting couplings, flanges or brake discs

Designs

- V-belt pulleys, flat belt pulleys, toothed belt and toothed pulleys, belt drums

- Arm- and plate-pulley

- All common flat and V-belt profiles: SPZ, SPA, SPB, SPC, 20, 25, 32, 40, 3V, 5V, 8V, Poly-V etc. and all special V-belt profiles

Mechanical processing

- Balanced as standard according to DIN 21940 in quality grade G16, G6.3 or G2.5

- All surfaces are primed to prevent corrosion

- Processed functional surfaces are preserved with spray wax / oil

- Individual surface treatment and special painting possible

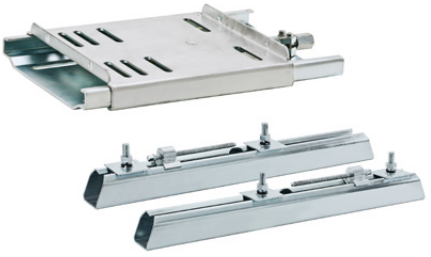
PRODUCT OVERVIEW
EXCERPT

Drive pulleys

V-belt pulleys | Flat belt pulleys | Flywheels | Grid pulleys | Timing belt pulleys | Rubberized pulleys
Split pulleys | Aluminium pulleys

Supplies for drive belts

TaperLock clamping bushes | Motor mounting systems | V-belts / Drive belts | V-belt metrology | Rubber suspension units
Oscillating mountings | Tensioner devices | Foundation blocks | Shafts and rolls



More information required?

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LÜTGERT ANTRIEBSELEMENTE

Lütgert & Co. GmbH
Friedrichsdorfer Straße 48
33335 Gütersloh | Germany

Phone: 05241 7407-0
vertrieb@luetgert-antriebe.de
www.luetgert-antriebe.de

MADE IN GERMANY