



**ANTRIEBSELEMENTE**

Split pulleys



**If performance is required**

[www.luetgert-antriebe.de](http://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  $\varnothing$  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

## EXTRACT

### Drive pulleys

V-belt pulleys | V-belt pulleys | Flywheels | Grid pulleys | Timing belt pulleys | Rubberized Pulleys | Split pulleys | Aluminium pulley



### 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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