Belt rollers are used to drive, tension, divert, apply pressure or support drive belts. Belts and rollers are exposed to high speeds and dynamic interactions. The roller surface must be smooth and abrasion-resistant to ensure a long belt service life. The electrical conductivity of the rollers is an important factor to dissipate electrostatic charge from the belts and protect adjacent electronic components.

Faigle belt rollers are made of the rigid plastic PAS-80GF. This material is very abrasion resistant and has a long service life. It is also electrically conductive with a volume resistance of $<10^4$ Ω. The very smooth surface is produced by using the injection-moulding process, which is a low-cost alternative to turned parts. Special attention is given to preventing burrs or sharp edges mould due to misalignment. Belt rollers are designed specifically for your application. They can be cylindrical or crowned, with a side collar, or with special surface structures such as linear groove patterns. Belt rollers can also be supplied on request as an assembly with bracket or axle.
BELT PULLEYS

**SPECIFICATIONS**

- **D** 20 – 100 mm
- **B** 30 – 80 mm

**CUSTOMER BENEFITS**

- Very smooth burr-free surface to ensure safe belt running
- Reduced weight compared to steel rollers
- No electrostatic charge due to use of conductive materials
- No belt abrasion
- Cost-efficient production using injection moulding
- Can also be supplied as assembly with bracket or axle