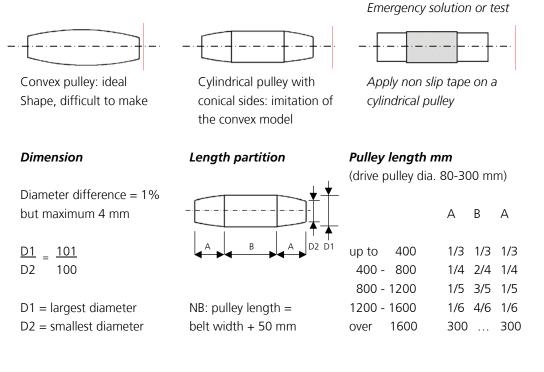
# **Tracking and tensioning**

## Methods to correct mistracking

### Fixed tracking possibilities or adjustable by hand:

- » Crowning of the pulleys.
- » Tracking rollers: flat tracking roller, snub pulley, adjusting trough assembly, V-rollers/strips.
- » Fixed provisions on the conveyor: side rollers, side guides.
- » Fixed provision on the belt.
- » Tracking ropes, tracking strips, guide rollers.
- » Variable tracking: with use of the belt, tracking devices with own drive.

#### Crowning of the pulleys



## Which pulleys to be crowned:

- 1. Drive drum.
- 2. Drive drums and tail drums when the conveyor is longer than 4 x the belt width.

#### Recommendations:

- » In principle the pulleys and rollers must be adjustable (e.g. bolt  $\varnothing$  10 in hole  $\varnothing$  12).
- » Pulleys preferably not at the butt end.
- » For high belt speeds (v = 2 m/s) balance the pulleys.
- » Never crown the knife edges or set them out of square.