

APSOguide® solutions



The Angst+Pfister APSOguide® system is an innovative solution for those drive and conveyor technology applications where more and more high accuracy and precise positioning in a cost-effective way are required.

The perfect alternative to flanged pulleys, timing belts with v-guides and timing belts with special tooth shape is the Angst+Pfister APSOguide® solution. Common drive systems with flanged pulleys need more space resulting in wider pulleys with larger diameters. Timing belts with v-guides and timing belts with special tooth shape are significantly more cost-intensive and complex in manufacturing.

The Angst+Pfister APSOguide® solution consists on a pulley with an APSOguide® ring in the middle that engages accurately in the pulley and ensures that the timing belt, which has a corresponding groove, moves along the guide ring backlash.

This solution can be manufactured in any type of material (aluminium, steel or stainless steel) and surface treatment. The most common tooth shapes and pitches are L (T3/8"), T5, T10, AT5, AT10, HTD5M, HTD8M, RPP5 and RPP8.

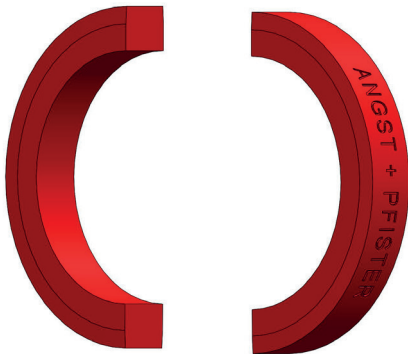
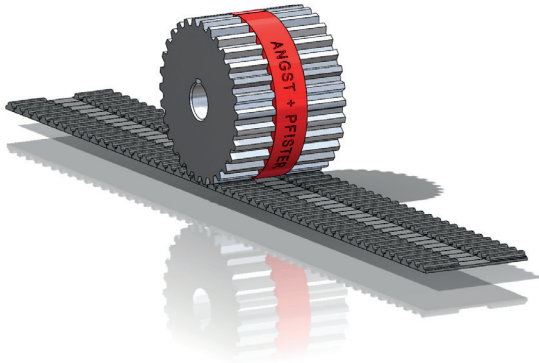


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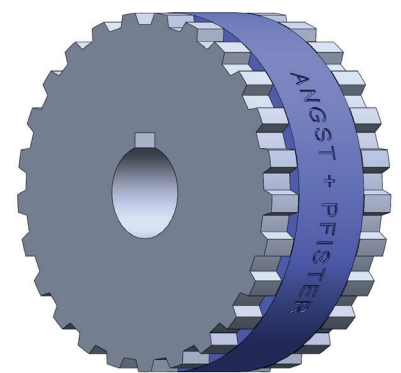
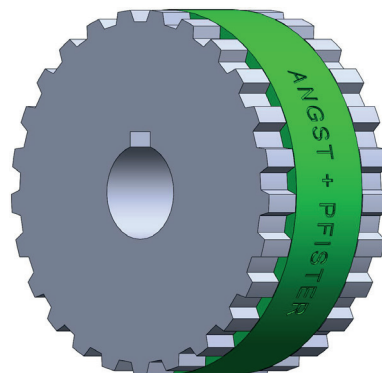
Benefits added value for your timing-belt application:

- Minimal space required for installation; excellent for drive systems that require very small pulley diameters due to low thickness and guidance over the pulleys
- Suitable for polyurethane and rubber timing belts, with any tooth shape and pitch
- Self-guiding timing belt solution instead of flanged pulleys or special toothed belt guides
- Maximum directional stability of the timing belt without movement, inaccurate running or drift
- Reduced vibrations with very smooth-running properties of the belt system
- Reversible drives (both running directions) are possible
- Cost-effective solution with improved efficiency for vacuum-applications
- The color and dimensions of the guide can be manufactured individually



Most suitable industry segments and applications:

- **Packaging & filling machinery:** form fill and seal machines, blister-package-machines, foil-handling machines and labelling machines
- **Glass handling:** flat glass production and solar waver transport
- **Paper handling:** sorting and transport of paper, newspaper and magazines
- **Pharma industry:** medical technology/ pharmaceutical production
- **Conveyor industry:** general transport systems and small linear axes
- **Special machinery:** press and grinding machine feed-in systems, measuring and weighting equipment technology



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