



Non-Rotating Spline Cylinder Eliminates Labeling Errors

Challenge:

A printer needed to extend a part with very little rotation in a tight space for a labeling application, to make sure the label was straight. The current process is causing the labels to be applied at all different angles, making them hard to read.

Solution:

Bimba solved this problem by including a spline within an original line cylinder to keep it from rotating. The design achieved a rotational tolerance of $\pm 1/2^\circ$, which saved the customer from having to use a bulkier, more expensive alternative. It also provided space savings compared to an alternative thruster-type solution they were originally considering. By applying labels correctly the first time and not having to fix errors, productivity was greatly increased.



Benefits:

- $\pm 1/2^\circ$ of rotational tolerance.
- Saves space compared to alternative solutions.
- Increased productivity by eliminating errors.

Other Applications:

- Stamping
- Labeling
- Filling/Dispensing

