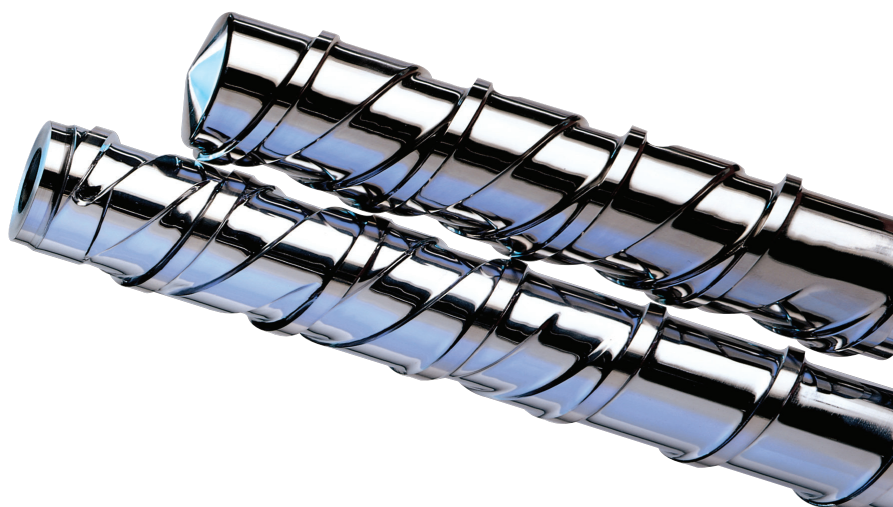


Xaloy® Pulsar® Mixing Screw

Ideal for shear intolerant materials.

The Xaloy Pulsar® mixing screw offers a conventional style screw design with superior distributive mixing qualities. The turbulent reorientation of the melt stream improves part uniformity.



Features and Benefits

Rating

When compared to a single stage, general-purpose screw with similar root geometry, the Xaloy Pulsar® screw delivers a mixing quality 3-4 times better.

Applications

- All thermoplastic materials with medium compression design requirements
- Successful applications for injection of crystalline materials such as PET, PE, LCP, PP, etc
- Industry standard screw designs for amorphous materials such as ABS, PC, PMMA and rigid PVC

Advantages

- Lower melt temperature
- No marbling
- Strong weld lines
- Less back pressure required
- Quick color and material changes
- Adaptability to various process requirements

Benefits:

- Wider application and processing window
- Better physical properties
- Superior cosmetic appearance
- Faster cycles due to reduced melt temperatures

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