Transferproject



Offen im Denken

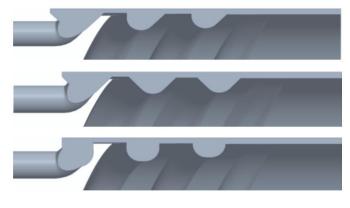
New Channel Geometries for Spiral Mandrel Dies

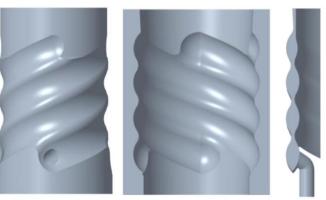
Problem

- High residence times within the spiral distributor lead to long purging times and high waste quantities, e.g. during color or material changes
- Today's spiral mandrel dies have barely changed since the 1960s
- Further optimization requires concepts outside the previously defined geometric boundary conditions

Objective

- Improvement of the purgeability of spiral mandrel dies using novel channel geometries
- Findings and improvements from previous DFG projects are to be made available for industrial practice







Project period : 04/2022 – 12/2024

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