PRODUCT DATASHEET

Hollow Fibre Spinnerets (Single, Dual and Triple Orifice)

Precision spinnerets for hollow fibres





DETAIL – SPINNERET SIZES

OVERVIEW

The Tech Inc. Hollow Fibre Spinnerets (Single, Dual and Triple Orifice) form the fibre. Dope flows through an annular gap while bore fluid flows through the central needle; dual- and triple-orifice designs co-extrude two layers or add a sheath fluid. Each spinneret is machined and centred to tight tolerances and pressure-tested.

MODELS AND CONFIGURATIONS

- **Single orifice** – standard fibres.
- **Dual orifice** – two-layer fibres.
- **Triple orifice** – sheath fluid or three layers.

TYPICAL DESIGN DATA

Annulus OD	0.5 to 3 mm
Needle OD	0.2 to 1.5 mm
Material	SS316 or SS304
Heating	Jacket option

APPLICATIONS

Lab, pilot and production hollow fibre spinning, co-extrusion research and replacement spinnerets for existing lines.

KEY ADVANTAGES

- **Concentric** – adjustable centring
- **Made to order** – your dimensions
- **Fits most lines** – standard connections

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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