

Co-extrude Tooling (Stainless Steel)

Stainless steel co-extrude tooling for single or multi-layer tubes, strands or fibres – specifically designed for multi-purpose functions, and is the complete multi-functional extrusion toolkit.

The Barrell Co-extrude Tooling Kit is popular in areas of laboratory or research and development, where multiple functions are often required.



Co-extrusion Tooling Piece



Toolkit Cabinet for Co-extrude Set

Product Information

Interchangeable Kit

Hosting 75 interchangeable inserts, the tooling comes in a kit form, boasting a wide range of sizes for tube, strand and fibre extrusion profiles.

Multi Function Valve

The tooling can be used for single, bi, tri and multi layer extrusion.

It also incorporates a unique multi function valve which can overlap 2 materials to produce a 3 layer extrusion. For details, please view the extrusion profile chart below.

Mountable

When mounting, the tooling can be swivel adjusted to extrude from any angle from the vertical to horizontal plane. Simple ½ UNF threaded connectors are included, which can be changed to suit any extruder.

Barrell Engineering recommends using Micro Melt Pumps for precision and micro extrusion.

Corrosive Resistant

Made from grade 420 stainless steel and hardened to 52RC, the Co-extrude Tooling is highly corrosive resistant and can be oven cleaned to temperatures up to 480 degrees celsius.


Safety

Special attention has been given in the design of assembly and disassembly of the tooling, eliminating the risk of jamming or seizing of the precision tool components.

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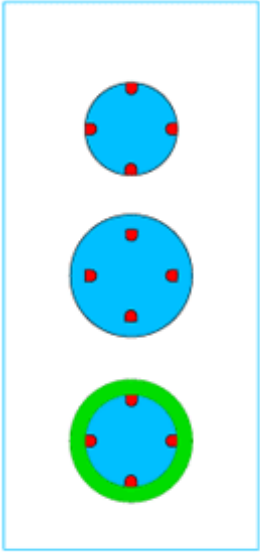

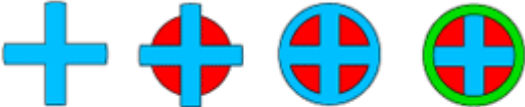
Extrusion Profile Chart



CO-EX (LABORATORY)

MULTI-FUNCTIONAL STAINLESS STEEL CO-EXTRUDING TOOL
INCLUDES A COMBINATION OF 75 INTERCHANGEABLE INSERTS

EXAMPLES OF PROFILES (CROSS-SECTION)

<u>TUBES</u>		
<u>SOLID CORE</u>		<p>*OPTIONAL PROFILES*</p> <p>STRANDS / FIBRES</p> <div style="border: 1px solid blue; padding: 10px; margin-top: 10px;">  </div>
<u>WIRE COATING</u>		
<u>STRANDS / FIBRES</u>		
<u>MULTI STRANDS / FIBRES</u>	