Core Mandrel / Solid Rod Extrusion

Acetal mandrels are used as a manufacturing aide for braid or coil reinforced catheter tubing

Mandrel Specifications

• Sizes range from 0.010”-0.250”
• Tolerances ≥ to ±0.0005
  - Sizes under .101” are +/- 0.0005
• Highly consistent diameter, roundness, and smooth surface for easy remove with low release force
• Optional Level Wind on Mandrels >Ø0.070”
  - Level winding maximizes the amount of material on the spool
  - Assists with consistent flow and improved process performance when unwinding the core during the braiding process
• Samples available upon request

Materials

• Premium layered plain acetal mandrel
• Premium layered acetal blend with silicone surface
• Acetal or silicone acetal layer (small OD) with stainless steel wire reinforcing
• Economy version
  - Silicone mandrels provide enhanced frictional properties and significantly improved release characteristics results in a lower release force for catheter development

Spool Specifications

- 20x Magnification

ISO 13485: 2016 Certified
For questions or more information, visit spectrumplastics.com