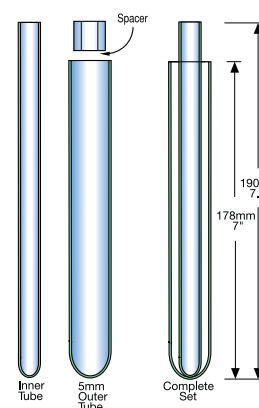


Coaxial Small Volume NMR Insert

- Switch between three unique sample/reference solution ratios during external referencing experiments
- Ideal for variable temperature experiments since material remains the same between the outer tube, inner tube and spacer
- Insert and outer tube in complete set systems are fused together at the bottom; recommended for high field experiments under 600 MHz
- For ultra high field experiment over 600 MHz, order an inner tube, two spacers and a Wilmad Precision Thin-Walled Tube over 600 MHz separately



Complete Sets

Catalog No.	Components
517-Complete	517-Inner, 517-Outer, 517-Spacer, 5mm Cap with hole (C/N: 521-WGS-100)
518-Complete	518-Inner, 518-Outer, 518-Spacer, 5mm Cap with hole (C/N: 521-WGS-100)
519-Complete	519-Inner, 519-Outer, 519-Spacer, 5mm Cap with hole (C/N: 521-WGS-100)

Outer Tube Only

Catalog No.	I.D.	O.D.
517-Outer	4.20mm	4.97mm
518-Outer	4.20mm	4.97mm
519-Outer	4.20mm	4.97mm

Inner Tube Only

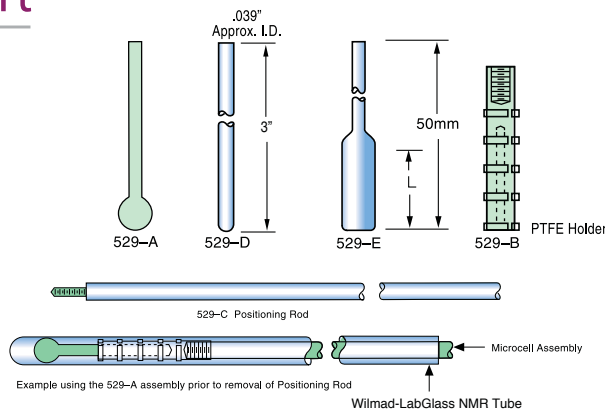
Catalog No.	I.D.	O.D.
517-Inner	2.34mm	3.30mm
518-Inner	1.96mm	2.97mm
519-Inner	1.50mm	2.52mm

Spacers

Catalog No.	I.D.	O.D.
517-Spacer	3.30mm	4.20mm
518-Spacer	2.97mm	4.20mm
519-Spacer	2.52mm	4.20mm

Microcell Small Volume NMR Insert

- Sample volume can be as little as 18 μL
- Three different inserts with various shapes (Spherical Bulb, Capillary Tube, Cylindrical Bulb)
- Outer tube (Wilmad Precision Thin-Walled Tube) must be ordered separately depending on magnetic field strength
- Not recommended for variable temperature experiments.
- Use Wilmad PTFE Needles (C/N: 90630) with syringe to fill and clean sample



Positioning Components

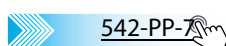
Catalog No.	Fits Tube with O.D.	Description	Length
529-B	5.0mm	PTFE Holder	25mm
529-C	5.0mm	Positioning Rod	228mm

Spherical Bulb and Capillary Tube Microcell

Catalog No.	Fits Tube with O.D.	Description	Volume
529-A	5.0mm	Spherical Bulb	18 μL
529-D	5.0mm	Capillary Tube	6 μL

Cylindrical Bulb Microcell

Catalog No.	Fits Tube with O.D.	Description	Volume	Cylinder Length
529-E	5.0mm	Cylindrical Bulb	110 μL	12mm
529-E-5-L-15	5.0mm	Cylindrical Bulb	140 μL	15mm
529-E-5-L-20	5.0mm	Cylindrical Bulb	190 μL	20mm



542-PP-7

Click on any Catalog No. to **Shop Now**