

## XC Rotors



### 4 mm XC4 Length =20.95 mm

Sample – 66  $\mu$ L to 124  $\mu$ L  
Low density\* Spinning maximum | kHz |

# 43255	Silicon Nitride XC Thick Wall Rotor	22	\$654
# 43483	Zirconia XC Thin Wall Rotor	11	654

### 5 mm XC5 Length =22.25 mm

Sample – 82  $\mu$ L to 201  $\mu$ L  
Low density\* Spinning maximum | kHz |

# 13265	Silicon Nitride XC Thick Wall Rotor	18	\$654
# 13267	Silicon Nitride XC Thin Wall Rotor	16	660
#13268	Zirconia XC Thin Wall Rotor	9	654

### 7 mm XC7 Length =29.00 mm

Sample – 241  $\mu$ L to 564  $\mu$ L  
Low density\* Spinning maximum | kHz |

# 43526	Silicon Nitride XC Thick Wall Rotor	12	\$654
# 43528	Zirconia XC Thick Wall Rotor	8	495
# 43527	Silicon Nitride XC Thin Wall Rotor	11	715
# 43529	Zirconia XC Thin Wall Rotor	7	550

### 10 mm XC10 Length =35.00 mm

Sample volume – .6 mL to 1.10 mL  
Low density\* Spinning maximum | kHz |

# 44265	Zirconia XC Thick Wall Rotor	8.5	\$875
# 44266	Zirconia XC Thin Wall Rotor	4.5	918

### 5 mm SuperSonic (SS) Length =14.93 mm

Sample volume – 56  $\mu$ L to 110  $\mu$ L  
Low density\* Spinning maximum | kHz |

# 13251	Silicon Nitride SS Thick Wall Rotor	18	\$654
# 42388	Silicon Nitride SS Thin Wall Rotor	16	660
# 42396	Zirconia SS Thin Wall Rotor	9	654

### 7 mm SuperSonic (SS) Length =22.10 mm

Sample volume – 215  $\mu$ L to 360  $\mu$ L  
Low density\* Spinning maximum | kHz |

# 13857	Silicon Nitride SS Thick Wall Rotor	12	\$605
# 13858	Zirconia SS Thick Wall Rotor	8	495
# 13859	Silicon Nitride SS Thin Wall Rotor	11	715
# 13861	Zirconia SS Thin Wall Rotor	7	550

### 10 mm SuperSonic (SS) Length =27.50 mm

Sample volume – .6 mL to 1.10 mL  
Low density\* Spinning maximum | kHz |

# 42113	Silicon Nitride SS Thick Wall Rotor	8.5	\$ 864
# 42138	Zirconia SS Thick Wall Rotor	6	864
# 42193	Silicon Nitride SS Thin Wall Rotor	8	918
# 42173	Zirconia SS Thin Wall Rotor	4.5	918

- **For material specifications:** <http://dotynmr.com/download/Materials-and-Speeds-Data.pdf>
- Thick wall rotors and GFT or Turlon caps are provided for **fastest spinning** and ease in packing. Thin wall rotors and caps are available for maximum signal to noise. The maximum speed of thin wall rotors is about 50% the speed of thick wall rotors. Long caps are provided for highest homogeneity and rf field strength.
- **For XC probes**, (beginning in 2000) **XC "Slow MAS"** is provided for stable very slow spinning of tissues, liquids, and CC by a change in "nozzle caps" only. **The same turbine caps are used.** All choices of XC rotors and caps may be used with slow spin nozzle caps. A 50% reduction in maximum spinning speeds should be expected for each type. See page 4 for more specifications.

XC, SuperSonic, DI, High Speed, and Standard accessories are **not** interchangeable unless specified. If unsure about correct supplies, contact us with the probe DSI-serial number and we can help.

**(US\$ – Foreign prices higher, plus taxes)**