

## 10 mm XC and SuperSonic (SS) MAS Spinners



Thick wall rotors and Aurum, or Torlon 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.

<b>10 mm XC10 Length =35.00 mm</b>			
Sample volume – .6 mL to 1.10 mL			
Low density* Spinning maximum   kHz			
# 44265	Zirconia XC Thick Wall Rotor	8.5	\$735
# 44266	Zirconia XC Thin Wall Rotor	4.5	775

<b>10 mm SuperSonic (SS) Length =27.50 mm</b>			
Sample volume – .6 mL to 1.10 mL			
Low density* Spinning maximum   kHz			
# 42113	Silicon Nitride SS Thick Wall Rotor	8.5	\$ 725
# 42138	Zirconia SS Thick Wall Rotor	6	725
# 42193	Silicon Nitride SS Thin Wall Rotor	8	775
# 42173	Zirconia SS Thin Wall Rotor	4.5	775

\* Please refer to the APPENDIX for the **speeds/density spinning speed chart** and for material information.

10 mm Part #	Description	Price
<b>Caps for THICK Wall Rotors – fastest spinning</b>		
96436	XC/SS Kel-F Short Thick Cap Pair	\$155
96438	XC/SS Aurum (or Torlon*) Short Thick Cap Pair	175
96449	Kel-F O-Ring Cap Pair	250
96451	Aurum O-Ring Cap Pair	250
<b>Caps for THIN Wall Rotors</b>		
96471	XC/SS Kel-F Short Thin Cap Pair	\$155
96473	XC/SS Aurum (or Torlon*) Short Thin Cap Pair	175
<b>Cap Pullers and Accessories</b>		
96174	Puller for Turbine Caps	\$210
96190	Black Threaded Cap Puller for O-ring Caps	110
96508	Sample Packing Set for Thick Wall Rotors	\$160
96507	Sample Packing Set for Thin Wall Rotors	160

<b>MAS Turbine Cap Spinning Speeds</b>	
Maximum Spinning Speeds (kHz) For Caps at Room Temperature	
Cap Style	10-mm XC or SuperSonic
Kel-F	5
Caps with o-rings	5
Aurum	10
Torlon or GFT	10
This chart represents <u>only</u> material characteristics for caps. Check the <u>Probe</u> and Rotor Specifications.	

\* Torlon has very similar NMR properties and may be substituted if Aurum is not available.  
(US\$ – Foreign prices higher, plus taxes)