

Accessories for 5 mm and 7 mm High-Speed MAS

- Thick wall rotors are provided for fastest spinning and ease in packing. Thin wall rotors and short caps provide maximum signal to noise. Long caps are provided for highest homogeneity and rf field strength or for limited samples. Please refer to the appendix for materials information.
- High Speed, SuperSonic, XC, DI, 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. *Note: SuperSonic rotors may be used in High Speed spinners, but High Speed rotors will not work in SuperSonic spinners.*

5 mm High Speed

Rotor length= 14.93 mm

Spinning speed max. 14 kHz,

Sample volume – 57 µL to 95 µL

Turbine Cap Design



FRONT CAP REAR CAP

7 mm High Speed

Rotor length= 22.10 mm

Spinning speed max. 9 kHz,

Sample volume – 240 µL to 370 µL

Part #	Price	Description	Part #	Price
Thick Wall Rotors				
13260	\$ 550	Silicon Nitride Rotor	13860	\$ 550
-----	-----	Zirconia Rotor	13870	450
13280	250	Macor Rotor	13880	250
End Caps for Thick Wall Zirconia and Silicon Nitride Rotors				
97780	\$110	Kel-F Short Cap Pair	97830	\$110
97810	110	Kel-F Long Cap Pair	97860	110
97790	120	Aurum (or Torlon*) Short Cap Pair	97840	120
97820	120	Aurum Long Cap Pair	97870	120
96446	210	Kel-F O-Ring Cap Pair**	96447	210
96900	210	Aurum O-Ring Cap Pair**	96448	210
End Caps for Macor Rotors				
13291	\$105	Kel-F O-Ring Rear Turbine for Macor Rotor**	13531	\$105
13680	105	Aurum O-Ring Rear Turbine for Macor Rotor**	13533	105
Thin Wall Rotors				
42384	\$650	Silicon Nitride Rotor	13856	\$650
42238	550	Zirconia Rotor	42237	550
End Caps for Thin Wall Zirconia and Silicon Nitride Rotors				
96485	\$110	Kel-F Short Cap Pair	96481	\$110
96486	110	Kel-F Long Cap Pair	96482	110
96487	120	Aurum Short Cap Pair	96483	120
96488	120	Aurum Long Cap Pair	96484	120
Cap Pullers and Accessories				
94810	\$230	Kel-F Front Housing Cap	94790	\$220
94820	310	Kel-F Back Housing Cap	94800	310
7130	30	Kel-F Housing Thumb Screws (priced per pair)	7130	30
96360	175	Puller for Long and Short Kel-F, Vespel, Torlon or Aurum Caps	96310	175
96190	110	(5 mm) Black Threaded End-Cap Puller for O-ring Caps (4-48 Thread)	----	----
----	----	(7 mm) Gray Threaded End-Cap Puller for O-ring Caps (6-40 Thread)	96180	110
96530	160	Sample Packing Tool Set for Thick Wall	96540	160
96514	160	Sample Packing Tool Set for Thin Wall	96516	160

* Torlon has very similar NMR properties and may be substituted if Aurum is not available.

** **Specify on the order.** – Some prefer to insert o-ring turbines by twisting them in by hand. However, o-ring turbine caps can be ordered with threaded holes to be inserted and removed with the threaded cap puller. Or front turbine caps can also be ordered with an axial out-gassing hole for higher temperature work or to remove air bubbles. *O-ring caps can be used for liquids, for sealing, or for some VT.*

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