



Accessories for 5 mm and 7 mm High-Speed MAS

For material specifications: <http://dotynmr.com/download/Materials-and-Speeds-Data.pdf>

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.

- 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	\$ 605	Silicon Nitride Rotor	13860	\$ 605
13280	275	Macor Rotor	13880	275
End Caps for Thick Wall Zirconia and Silicon Nitride Rotors				
97780	\$120	Kel-F Short Cap Pair	97830	\$120
97810	120	Kel-F Long Cap Pair	97860	120
97790	132	Aurum (or Torlon*) Short Cap Pair	97840	132
97820	132	Aurum Long Cap Pair	97870	132
96446	230	Kel-F O-Ring Cap Pair**	96447	230
96900	230	Aurum O-Ring Cap Pair**	96448	230
End Caps for Macor Rotors				
13291	\$116	Kel-F O-Ring Rear Turbine for Macor Rotor**	13531	\$116
13680	116	Aurum O-Ring Rear Turbine for Macor Rotor**	13533	116
Thin Wall Rotors				
42384	\$715	Silicon Nitride Rotor	13856	\$715
42238	605	Zirconia Rotor	42237	605
End Caps for Thin Wall Zirconia and Silicon Nitride Rotors				
96485	\$120	Kel-F Short Cap Pair	96481	\$120
96486	120	Kel-F Long Cap Pair	96482	120
96487	132	Aurum Short Cap Pair	96483	132
96488	132	Aurum Long Cap Pair	96484	132
Cap Pullers and Accessories				
94810	\$253	Kel-F Front Housing Cap	94790	\$253
94820	341	Kel-F Back Housing Cap	94800	341
7130	33	Kel-F Housing Thumb Screws (priced per pair)	7130	33
96360	192	Puller for Long and Short Kel-F, Vespel, Torlon or Aurum Caps	96310	192
96190	120	(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	120
96530	176	Sample Packing Tool Set for Thick Wall	96540	176
96514	176	Sample Packing Tool Set for Thin Wall	96516	176

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

** **Specify on the order.** – One can insert o-ring turbines by twisting them in by hand. Or, O-ring turbine caps can be ordered with threaded holes for insertion and removal with a threaded cap puller. Front turbine caps can also be ordered with an axial out-gassing hole for high temp work or to remove air bubbles. O-ring caps can be used for liquids, for sealing, or for VT.

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