



Accessories For 5 mm and 7 mm Standard MAS

Short caps are provided for maximum signal to noise. Long caps are provided for highest homogeneity and rf field strength. Long caps are also for limited samples.

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

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

5 mm Standard

Rotor length=13.08 mm

Spinning speed max. 9 kHz,

Sample volume – 60 µL to 110 µL

Turbine Cap Design



FRONT CAP REAR CAP

7 mm Standard

Rotor length=18.31 mm

Spinning speed max. 6 kHz, Sample volume – 200 µL to 350 µL

Part #	Price	Description	Part #	Price
Rotors				
5511	\$660	Silicon Nitride Rotor	7511	\$660
5520	362	Zirconia Rotor	7520	362
5900	275	Macor Rotor	7900	275
End Caps for Zirconia and Silicon Nitride Rotors				
97650	\$88	Kel-F Short Cap Pair	97500	\$88
97660	88	Kel-F Long Cap Pair	97510	88
96518	55	Kel-F Spherical Sample Cell Insert Pair for CRAMPS Experiments (Use with long Kel-F caps)	----	----
97680	100	Aurum Short Cap Pair	97530	100
97690	100	Aurum Long Cap Pair	97540	100
96443	170	Kel-F O-Ring Cap Pair*	96435	170
97940	170	Aurum O-Ring Cap Pair*	96445	170
End Caps for Macor Rotors				
5980	\$50	Kel-F Plug Cap for Macor Rotor	----	----
5990	50	Teflon Plug Cap for Macor Rotor	----	----
5572	116	Kel-F O-Ring Plug Cap for Macor Rotor*	7541	\$116
5573	116	Aurum O-Ring Plug Cap for Macor Rotor*	7542	116
Cap Pullers and Accessories				
5170	\$170	Kel-F Front Housing Cap	7170	\$170
7130	33	Kel-F Housing Thumb Screws (priced per pair)	7130	33
96220	192	Puller for Long and Short Kel-F, Vespel, Torlon or Aurum Caps	96240	192
96170	120	5 mm Blue Threaded End Cap Puller for 5 mm O-ring Caps (2-4 mm Thread)	----	----
----	----	7 mm Red Threaded End-Cap Puller for 7 mm O-ring Caps, (5-44 Thread)	96250	120
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96500	176	Sample Packing Tool Set for Silicon Nitride and Zirconia Rotors	96520	176
4710	55	Packing Tamp for Caps with Axial Screws	4700	55

* **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. (Plug caps must be removed with the threaded tool.) 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)