



Accessories For OptiMAS™ Drop-in(DI) Spinners

- Thick wall rotors and 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 maximum speed of thick wall rotors. Teflon spacers are provided for highest homogeneity and rf field strength.
- DI, XC, SuperSonic, High Speed, and Standard accessories are **not** interchangeable.

<p style="color: red; font-weight: bold;">3 mm DI3</p> <p style="background-color: black; color: white; padding: 2px;">Rotor Length =20.80 mm</p> <p>Low density* Spinning max Thick Wall Rotor – Max. 30 kHz</p>	<p>Front DI Turbine</p> 	<p>Rear DI Tip Cap</p> 	<p style="color: red; font-weight: bold;">4 mm DI4</p> <p style="background-color: black; color: white; padding: 2px;">Rotor Length =24.95 mm</p> <p>Low density* Spinning max Thick Wall rotor – Max. 18 kHz</p>
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Please note: Although the front turbine and rear tip cap are sold separately, a pair consisting of a front turbine and a rear tip cap are needed for spinning.

DI3 Part #	DI4 Part #	Price	Description	Maximum Spin Speed (kHz)	
Thick Wall Rotors and Caps				3 mm	4 mm
46082	45127	\$800	DI thick wall rotor – Silicon Nitride	30	18
46252	-----	70	DI front turbine cap for thick wall – Torlon (use with GFT Tip)	30	-----
46083	45129	70	DI front turbine cap for thick wall – GFT (glass filled torlon)	27	18
46084	46136	70	DI rear tip cap for thick wall – GFT (glass filled torlon)	30	18
46077	46142	70	DI front turbine cap for thick wall – Aurum	18	15
46076	46140	70	DI rear tip cap for thick wall – Aurum	18	15
46075	45130	70	DI front turbine cap for thick wall – Kel-F	11	9
46074	46137	70	DI rear tip cap for thick wall – Kel-F	11	9
46179	45137	25	DI Teflon spacer for thick wall rotors	Restricts/centers the sample to within the coil region). Two are required.	
	46206	25	DI Kel-F spacer for thick wall rotors		
	DI4 #	Price	DI4 Thin Wall Rotors and Caps	Maximum Spin Speed (kHz)	
				4mm	
	03136	\$800	DI4 thin wall rotor – Silicon Nitride		12
	45128	555	DI4 thin wall rotor – Zirconia		10
	45131	70	DI4 front turbine cap for thin wall – GFT (glass filled torlon)		17
	46138	70	DI4 rear tip cap for thin wall – GFT (glass filled torlon)		17
	46141	70	DI4 front turbine cap for thin wall – Aurum		15
	46169	70	DI4 rear tip cap for thin wall – Aurum		15
	45132	70	DI4 front turbine cap for thin wall – Kel-F		9
	46139	70	DI4 rear tip cap for thin wall – Kel-F		9
	45138	25	DI Teflon spacer for thin wall rotors	Restricts/centers the sample to within the coil region). Two are required.	
	46027	25	DI Kel-F spacer for thin wall rotors		
DI3 #	DI4 #	Price	Cap Pullers and Accessories		
06027	-----	\$ 70	DI3 Turbine cap Puller and Spacer removal tool		
-----	01003	\$70	DI4 Spacer and sealing cell removal tool		
-----	96182	210	DI4 Turbine cap puller for turbine caps		
96195	96188	110	Rotor holder and plungers – tools for tip cap and rear spacer removal		
96501	99683	160	Sample packing set for thick wall DI rotors		
-----	99682	160	Sample packing set for thin wall DI4 rotors		

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