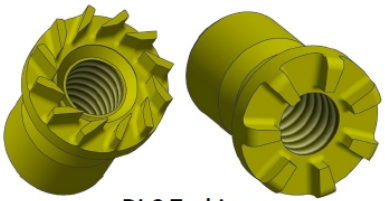

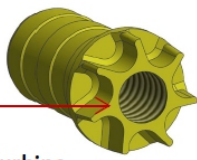





## Accessories For 3mm DI (Drop-in) Spinners

We have new, more robust turbines for DI-3 and DI-4 rotors. We are phasing these in beginning with Torlon and GFT. The new design includes modified turbine blades and a threaded hole with a different thread pitch thus necessitating a new Insertion and Removal Tool with matching thread. (New spacers will have the new thread as well.) We will continue to supply which-ever turbine puller you need (or both).

Item	Turbine and Spacer Insertion and Removal Tool	Thread
 <p>DI-3 Turbines</p>		<b>Part No: 06027</b>  <b>0-80 THREAD</b>
<p>Note how the turbine blades are connected to form a ring around the threaded hole.</p>  <p>New DI-3 Turbine</p>		<b>Part No: 03516</b>  <b>M1.2 – 25 THREAD</b>

➤ Teflon spacers are for highest homogeneity and rf field strength. (US\$ – Foreign prices higher, plus taxes.)

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

<b>DI-3 Rotor Length = 17.8 mm</b> Low density* Spinning max Thick Wall Rotor – Max. 28 kHz		<b>DI-3 Sample Volume:</b> Without spacers = 36.5 $\mu$ l With spacers = 13.6 $\mu$ l	<b>Front DI Turbine</b> 	<b>Rear DI Tip Cap</b> 
<b>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.</b>				
Part #	Price	Description		Maximum Spin Speed*
<b>3 mm Rotors and Caps</b>				
46082	\$600	3 mm rotor – Silicon Nitride		28 kHz
46082-P	\$650	3 mm Rotor – Silicon Nitride - Painted <i>For DI probes or Bench Spinners with optical detection</i>		28 kHz
<b>3 mm DI Turbines and 3 mm Tip Caps</b>				
46083	70	DI 3 front turbine cap – <b>GFT</b> (glass filled torlon)		<b>26 kHz</b>
46084	70	3 mm Rear Tip Cap – <b>GFT</b> (glass filled torlon)		28 kHz
46252	70	DI 3 front turbine cap – <b>Torlon</b> (can use with <b>GFT</b> Tip)		28 kHz
46072	70	3 mm Rear Tip Cap – <b>Torlon</b>		28 kHz
46077	70	DI3 front turbine cap – <b>Aurum</b>		18 kHz
46076	70	3 mm Rear Tip Cap – <b>Aurum</b>		18 kHz
46075	70	DI 3 mm front turbine cap – <b>Kel-F</b>		11 kHz
46074	70	3 mm Rear Tip Cap – <b>Kel-F</b>		11 kHz
46179	25	DI 3 mm <b>Teflon</b> Spacer	Restricts/centers the sample to within the coil region. <b>Two are required.</b>	
46168	25	DI 3 mm <b>Kel-F</b> Spacer		
Part #	Price	<b>Cap Pullers and Accessories</b>		
06027 or 03516	70	DI3 Turbine or Spacer Insertion and Removal Tool		
96195	110	Rotor Holder and Plungers – tools for tip cap and rear spacer removal		
96501	160	Sample Packing Set for 3 mm Rotors		