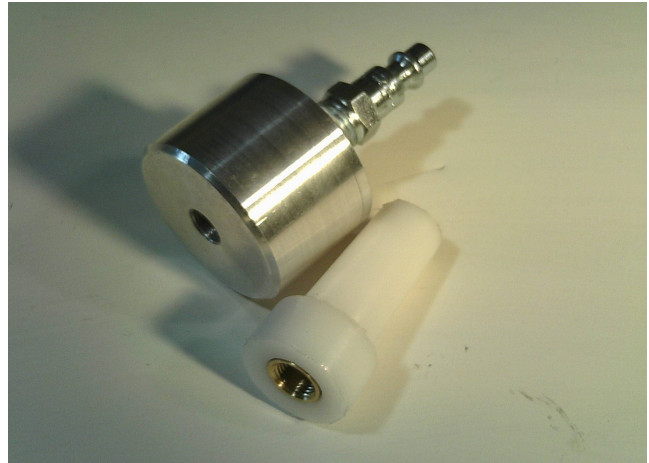


Rotary Vacuum Adaptor Kit

What is and is not included

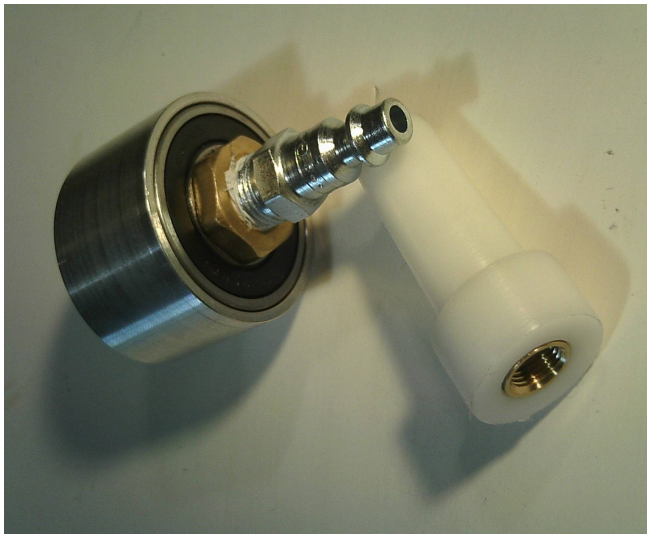
The kit includes only what you see – the rotary adaptor itself and an acetal (Delrin) nosepiece (#2 Morse taper) with a brass insert.

You will need to supply, and cut to length the piece of hollow threaded lamp rod which passes through the spindle and joins the two pieces. This will run about \$5.00 at the hardware store.



How to hook it up

The following assumes that you have a basic understanding of vacuum chucking. You will need your vacuum source, some plumbing parts (including a bleed valve and a filter) and a 3/8 ID hose. The supplied fitting is a standard 1/4" quick connect which will mate with your 3/8 ID hose directly or you can use a 1/4" quick connect coupling. You'll also need a vacuum chuck.



Mark one end of your lamp rod 1/2" from the end. Wrap the end with a little teflon tape and screw it into the rotary fitting making sure that it does not go farther than 1/2". This should be tight enough that it won't come apart during normal use.

Install the lamp rod into your spindle, determine where it should be cut so that it mates with the acetal nose piece,

and cut to length.

Centering the rotary adaptor

On all mini-lathes we've tried, the lamp rod is a tight fit through the spindle and centering should not be a problem. Also, on any lathe where the handwheel surface is concave, the adaptor should self-center.

If you need to improve the centering, then you can use an o-ring or a few wraps of tape around the lamp rod where it enters the rotary adaptor. If you have any ideas on this subject specific to your lathe, or any other questions or comments, we'd like to hear from you.

Stubby Lathe USA, Inc.
[Web: www.stubbylatheusa.com](http://www.stubbylatheusa.com)
email: bill@stubbylatheusa.com
Phone: (314) 606 9366