

**Pen Turning Point**      *Order No. 3673*

We've had several pen turners approach us about an accessory for the Live Center which would be better suited to turning pens. It needed to be small, made from steel and attach to the Live Center.

You asked, we listened.

Oneway have created a small, easy to install Live Center point called the Pen Turning Point.

It's made from a solid piece of steel so you no longer have to be worried about wearing away the aluminum full point cone you have used in the past.

It's tapered shaft fits straight into the Live Center. It can be easily removed using the knock-out rod supplied with the Live Center.



Version 3.2 December 2010

**ONEWAY WARRANTY**

Bearings are not made to last forever. Bearings used in the ONEWAY Live Center are an off the shelf item and we encourage you not to attempt to change the bearings yourself. Core assemblies are press fit into bodies and without the correct tools can be impossible to extract.

In order that we may warranty bearings, please send in the warranty card below. ONEWAY will replace bearings within two years of the date of purchase free of charge, not including shipping costs from the customer to ONEWAY. Live Centers must be returned to the address on this warranty card along with your name, purchase date and where you made the purchase. Warranty work will not be completed if we have not received your warranty card. If the two year warranty period has expired, a cost of US\$35.00 plus shipping and handling will apply to replace bearings.

ONEWAY Manufacturing  
291 Griffith Road  
Stratford, ON, N5A 6S4, Canada

**ONEWAY WARRANTY CARD**

Name: \_\_\_\_\_

Purchased From: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_



Superior Design, Legendary Quality

291 Griffith Road Unit 1, Stratford, ON

N5A 6S4, Canada

Phone: 519-271-7611

Fax: 519-271-8892

Email: [postbox@oneway.ca](mailto:postbox@oneway.ca)

**1-800-565-7288**  
[www.oneway.ca](http://www.oneway.ca)

# Live Center Instructions

***Package Contains:***

- 1 Live Center Body Assembly
  - 1 Center Point
  - 1 Knock Out Rod
- 1 Reversible Bull Nose Cone
  - 1 Full Point Cone

Note: The "Body Only" Package does NOT include the Bull Nose or Full Point Cones.



For more information on all of our products,  
please visit our web site at  
<http://www.oneway.ca>.

ONEWAY Live Centers were designed specifically for the woodturner with accessories included to suit most applications. They have a threaded rotating cup center. This cup center is the only component which rotates. This feature contributes to a safer working environment. The unique threaded cup center gives several advantages to the woodturner. First, the Full Point and Reversible Bull Nose Cones can be easily attached and removed. Second, if turning outside the capacity of the provided cone, a user specific support can be made

by drilling a hole in a blank, attaching it to the Live Center and turning it to suit your requirements. Two good quality bearings mounted in tandem and greased for life will give good play free performance and minimum vibration when turning. The body is precision machined from premium alloy steel then heat treated, ground and electroless nickel plated. These processes give strength, accuracy and rust protection. The core is also made from high strength steel then heat treated and ground.

Version 3.0 December 2009

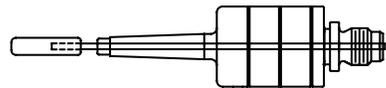
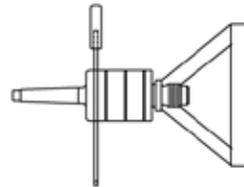
### IMPORTANT NOTICE

*It is normal for ONEWAY Live Centers to run warm, however if they run HOT this is an indication there is a problem. Tailstock pressure should be eased off. Failing to do so could result in the bearings burning out.*

Attaching / Removing the aluminum Bull Nose or Full Point Cone or a custom center:

*Insert the knock out rod through the Live Center body as shown. Turn clockwise to attach accessories and counter-clockwise to remove them.*

**CAUTION!** Hand tighten only.



Removing the Point: Insert the knock out rod and tap lightly to release.

### Making a Custom Wood Center

To make a custom wood center use a blank 1½" minimum, 2" maximum thick. Drill a blind hole 11/16" diameter by 7/8" deep. Insert the knock out rod through the body and screw the blank onto the threaded portion of the center. Insert a spur

in the ONEWAY Chuck or headstock to drive your blank and turn to shape required.

Another method to drive your blank for turning is to drill a hole and insert a drive pin in between the jaws of your ONEWAY Chuck.

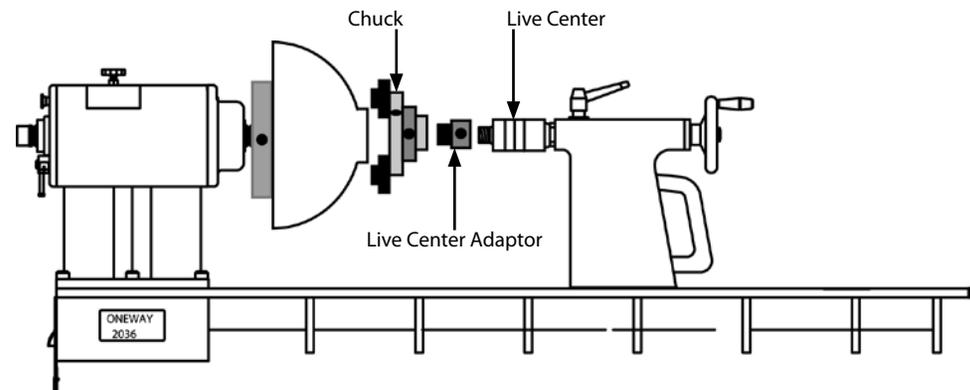
### How To Precisely Center a Bowl

Now available are Live Center Adaptors. These adaptors are threaded to screw onto ONEWAY Live Centers, effectively changing the ¾" - 10 TPI thread of the Live Center to the size of the spindle. With one of these adaptors a very precise centering method can be used.

1. Attach a bowl blank to a faceplate.
  2. Turn the outside of the bowl including a foot or tenon to chuck it on.
  3. Using the Live Center Adaptor attach a chuck or faceplate to the Live Center.
  4. Move the tailstock with the Live Center / chuck assembly attached up to the bowl. Grab the foot or tenon on the bowl while it is still attached to the faceplate and lathe.
  5. Remove the faceplate, bowl blank and chuck from the lathe.
  6. Remove the faceplate from the bowl blank.
- You can now screw the chuck onto the headstock and your bowl will be very precisely centered and ready to be hollowed out.

Live Center Adaptor thread sizes (¾" - 10 TPI):

To Thread	Part No.	To Thread	Part No.	To Thread	Part No.
1" - 8 TPI	3941-227	7/8" - 14 TPI	3941-232	M18 * 2.5	3941-287
M33 * 3.5	3941-255	¾" - 16 TPI	3941-236	1½" - 8 TPI	3941-303
1¼" - 8 TPI	3941-222	1" - 12 TPI	3941-259	1½" - 6 TPI	3941-381
1⅞" - 8 TPI	3941-224	5/8" Plain	3941-260		



**NOTE:** The Live Center THREAD SIZE is ¾" - 10 TPI.



291 Griffith Road Unit 1  
Stratford, ON  
N5A 6S4  
Canada