

VIDEO AVAILABLE: For a video that describes the 1182PC tolerances visit our YouTube channel at <https://youtu.be/byDNMXk0yAM>

SHERLINE PRODUCTS
INCORPORATED 1974

Pool Cue Live Center P/N 1182PC

Use of the Pool Cue Live Center

We designed this center at the request of some of our customers who use our machines (or modifications of our machines) to make pool cues. They needed a live center with an extended nose, to give them room for their cutters. This would allow them to start cutting from the tip of the pool cue without needing extra material to hold onto.

The center body itself is case harden steel which turns on two preloaded sealed ball bearings. It is fitted with a #0 Morse taper to fit our tailstock. The run-out of the 60-degree tip of the live center is .0025" or less.

NOTE: Due to the length of this live center in relation to the location of the bearings, there will be side play of anywhere from .002" to .004" at the tip. This center was designed for front-load and for lower tolerance work (such as pool cues).

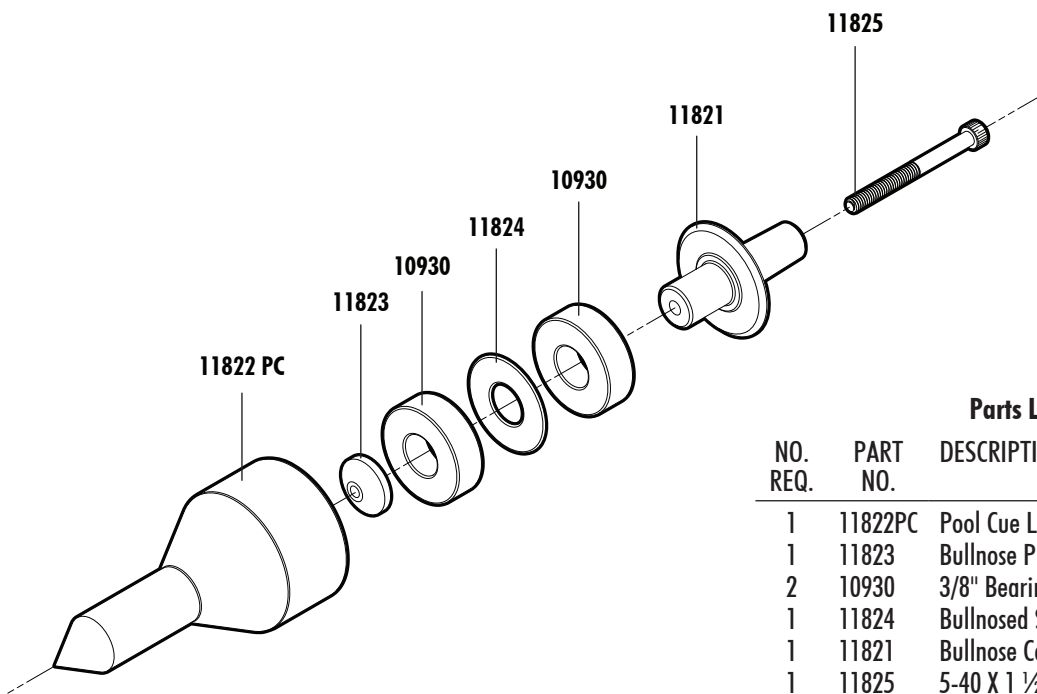
It was not designed to eliminate side-load or to machine tight tolerance parts. Regarding side-load, you also have to take into consideration the amount of movement that you are going to have in your tailstock spindle and body and that this will increase when the tailstock spindle is further out. The point does move under considerable pressure, but it also bounces back as soon as the side load is removed.

The sealed bearings are permanently lubricated and require no maintenance.

For more information on the use of live centers, see P/N 1191.

Thank you,
Sherline Products Inc.

EXPLODED VIEW AND PART NUMBERS



Parts List		
NO. REQ.	PART NO.	DESCRIPTION
1	11822PC	Pool Cue Live Center
1	11823	Bullnose Preload Nut
2	10930	3/8" Bearing
1	11824	Bullnosed Shim Washer
1	11821	Bullnose Center Body
1	11825	5-40 X 1 1/2" Socket Head Cap Screw

NOTE: The bearings are pressed in at the factory. Preload on the bearings is adjusted before the nose piece is installed. Once assembled, the 1182PC Pool Cue Live Center is not considered user-serviceable. Parts are shown for reference only.