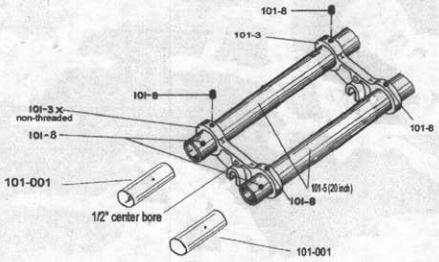
SHOPSMITH 10ER lathe extension

The SHOPSMITH lathe extension is designed to allow turning of pieces longer than the 33 inch standard bed length and is a quick attachment with one knob. When removed, the 20 inch length lathe extension allows for a quick return to standard SHOPSMITH horizontal or vertical positions such as when using the drill press. The SHOPSMITH lathe extension can also be conveniently stored on the bench legs with optional cradle and locater studs and without interference to the mounted tailstock when set in vertical position, other operations or mobility around the workshop. An additional carriage assembly (* part 103-2) mounted to the extension is recommended to further convenient the user when moving the lathe tool rest along the workpiece towards the tailstock.

To install the lathe extension: **Refer to your Owners Guide*

1 Remove tailstock.
1a (Optional) If the workpiece is to be turned near the tailstock end, remove the carriage (*103-2) from the main way tubes and install on the extension tubes by removing one tie bar and then slide the carriage onto extension.
2 Attach lathe extension by having the solid insert's mate to the main way tubes.
3 Fasten screw knob (*use 104-11RX), hand tightened only to secure the entire lathe extension assembly.
4 Attach tailstock to end of lathe extension assembly and secure with screw (*use 104-9).

Lathe extension parts list:



Part no.	No. Req.	Description
101-8	6	3/8-16 set screw
101-3	1	tie bar
101-3X	1	tie bar non-thread
101001	2	solid insert
101-5S	2	way tube 20in.

Optional
109-X
Lathe extension cradle with locator studs

Vertical and Storage cradle

Horizontal in use position

20 inch lathe extension with storage cradle

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