



JLS Diamond Sax Tone Hole Facing Set

Item #257051

Thank you for purchasing the J.L. Smith Diamond Sax Tone Hole Facing Set.

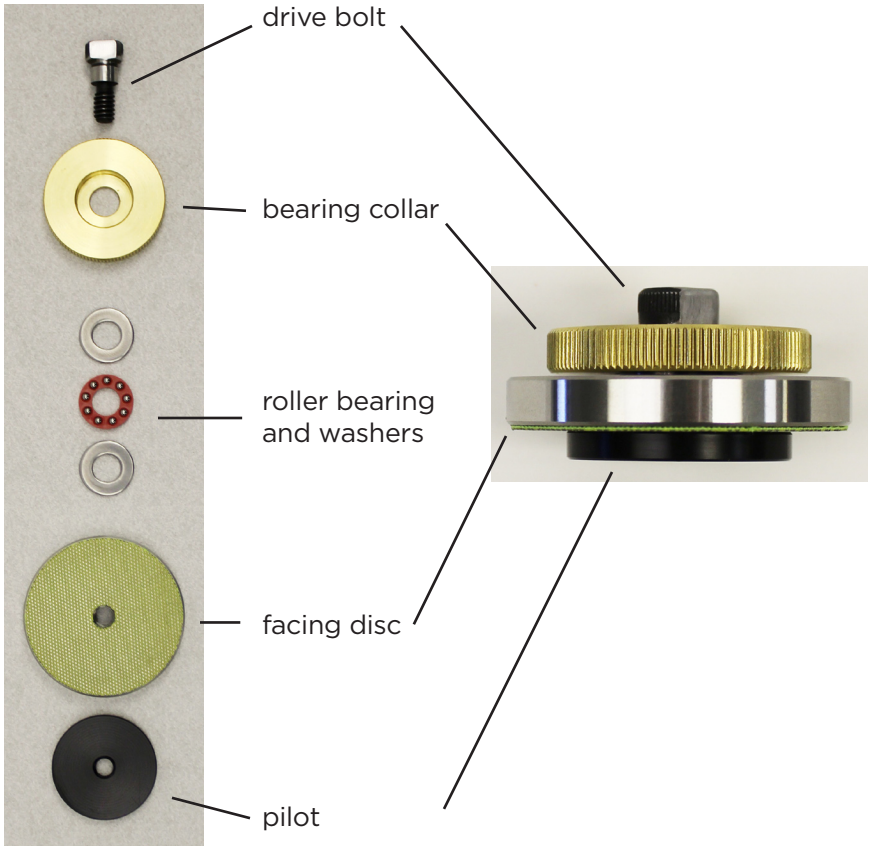
This remarkable tool set is designed to offer great stability and precise control that will allow you to easily achieve optimal results when flattening and facing saxophone tone holes. Our unique design includes knurled brass bearing collars that allow you to hold the tool with your fingers and to apply evenly controlled downward pressure while keeping the disc flat against the tone hole. We also include both a palm grip with a ball-end hex wrench and



a 5/16th combination wrench that allow you to turn the facing disc from multiple angles, even under a soldered-on key guard. This exceptional facing set comes with everything you need to do professional level work right away and the adhesive backed diamond skins are available separately so you'll never need to replace the precision ground facing discs themselves.

Your Diamond Sax Tone Hole Facing Set Includes:

1. One drive bolt.
2. One roller bearing with two washers.
3. Two knurled brass bearing collars.
4. Six diamond tone hole facing discs with preinstalled diamond skins. (One is preassembled with drive bolt bearings and brass bearing collar plate to demonstrate proper assembly.)
5. Six black Delrin pilots.
6. One black Delrin palm grip.
7. One hex key.
8. One 5/16" combination wrench.



Basic Instructions For Use:

1. Select the appropriate pilot and facing disc for the size of tone hole you wish to face.
2. Select the appropriate bearing collar for the facing disc you will use. (The small collar fits the 3 smallest discs. The large collar fits the 3 largest discs.)
3. To mount the assembly insert the drive bolt through the top of the bearing collar followed by a washer, the washer bearing and a second washer, then screw the drive bolt to the proper facing disc with the diamond surface facing away from the bearing.
4. Gently screw the pilot into place. Do not tighten the pilot. This will make turning the facing disc, and later removal of the pilot, unnecessarily difficult.
5. Assemble the hex wrench and palm grip assembly with the hex wrench centered in the grip. (We recommend gluing the wrench in place with epoxy.)
6. Place the facing tool onto the tone hole.

7. Hold the assembly by the bearing collar. Hold it securely and lightly, with three fingers, flat against the tone hole.

8. With the hex wrench (or with the combination wrench if you're working beneath the key guard) gently turn the drive bolt.

This will begin facing the hole. Check your work often so that you don't remove any more material than necessary.



Enjoy!



901 Blairhill Road, Suite 400, Charlotte, NC 28217
800.659.6073 • www.jlsmithco.com • sales@jlsmithco.com



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