

See your power tool owner's manual for complete instructions on use and maintenance.

Always wear proper eye protection while using this handpiece.

Never use a damaged, bent, vibrating, or out of balance accessory.

Before attaching this handpiece please read these instructions.

IMPORTANT INSTRUCTIONS

Foredom® Handpieces H.8, H.8D, H.8SJ, H.28, H.28SJ, H.43T, H.44T, and H.44TSJ

Repair Service

Factory repairs are done promptly and at reasonable cost. If you wish, you can send your equipment directly to the factory marked "Attention: Repair Department". Be sure to give your phone number, email and street address. The equipment should be accompanied by a brief note describing the. Estimates will be made upon request.

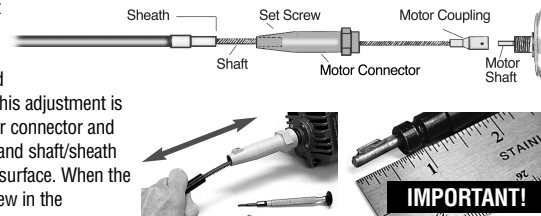
For more information on Foredom machines, handpieces, or accessories, contact your local dealer.

When no local dealer is available, write The Foredom Electric Co., 16 Stony Hill Rd., Bethel, CT 06801, call (203) 792-8622, or visit our website at www.foredom.com.

Adjust the Shaft and Sheath

It is important to check the sheath and shaft tip and properly adjust them before attaching this handpiece to your Foredom flex shaft tool. The tip of the flexible shaft should extend 3/4" beyond the end of the sheath. This adjustment is made by loosening the set screw in the motor connector and moving the sheath in or out while the motor and shaft/sheath are hanging fully extended or laying on a flat surface. When the shaft is adjusted correctly, tighten the set screw in the motor connector.

Note: This illustration does not apply to slip joint connections.

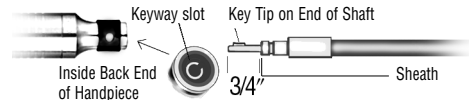


Always make sure your power tool is unplugged during any maintenance procedure.

Attach Handpiece to Flexible Shaft

The handpiece is easy to remove from the flexible shaft. To **remove**, simply pull the handpiece off the shaft and sheath with a firm grip.

To **re-attach**, look into the back end of the handpiece for the keyway. Be sure that the key tip of the flexible shaft is properly lined up with the keyway slot in the back end of the handpiece and push it on. If it is not in line, turn the shaft tip or the handpiece to the correct position. H.44TSJ, H.28SJ and H.8SJ have a 'slip joint' connection for use with European style machines.



Maintenance and Lubrication

Except for the duplex connection on the H.8D Handpiece, these handpieces do **not** require any lubrication. Putting oil or grease into the front or back will damage its prelubricated ball bearings. Periodically remove the chuck nut and collet and clean the collet holder seat and threads of dust or debris with a bristle brush or air gun.

Lubrication of H.8D Duplex Connection — Apply 2 drops of oil (p/n MS10005) in the oil hole in the rear of the duplex connection after approximately every 20 hours of use.

Changing Accessories

Be sure the shank size of the accessory is paired with the same size collet. Inserting an accessory which is too small or too large may damage the collet.

Handpieces H.28, H.28SJ, H.43T, H.44T, and H.44TSJ

Insert the pin provided into the pilot hole and through the spindle hole (turn spindle to align holes). Apply wrench and loosen chuck nut slightly by turning counterclockwise. Insert shank of the accessory into the collet. Tighten chuck nut with wrench, keeping pin in pilot hole. Test for a secure hold by pulling on accessory. Remove pin.



Handpieces H.8, H.8D, and H.8SJ

These handpieces have a chuck guard that slides back when changing collets and accessories. They come with two chuck wrenches shown at right, for opening and closing the collet. Use one wrench to hold the spindle and the other to unscrew the chuck nut by turning counterclockwise.



Changing Collets

The different size collets that come with your handpiece are for holding burs and other accessories with different shank sizes.



Chuck Nut and Collet

Never screw the chuck nut back on too tightly. If you tighten an empty collet or insert an accessory shank which is too small or too large you may damage the collet.

Handpieces H.28, H.28SJ, H.43T, H.44T, and H.44TSJ

To change a collet insert pin into the pilot hole and through the spindle hole (turn spindle to align holes). Apply wrench and unscrew chuck nut by turning counterclockwise. Remove chuck nut to expose collet and pull collet out of handpiece shaft. Slip new collet in place and screw on chuck nut with pin and wrench.



Pliers are useful for removing collets

Handpieces H.8, H.8D, and H.8SJ

To change a collet, slide back the chuck guard and use one wrench to hold the spindle and the other to unscrew the chuck nut by turning counterclockwise. Remove chuck nut to expose collet and pull collet out of handpiece shaft. Slip new size collet in place and tighten chuck nut with wrenches.

Collets for H.8, H.8D, H.8SJ, H.28, and H.28SJ

P/N	Capacity
HP601	1/32"
HP602	1/16"
HP603	3/32" *
HP604	1/8" *
HP605	3mm

*Supplied with handpieces above.

HP600 Set Includes 601, 602, 603, and 604.

The 605 is not included.

Collets for H.43T, H.44T, and H.44TSJ

P/N	Capacity	P/N	Capacity
HP441	1/16"	HP445	3/16"
HP442	3/32" *	HP447	1/4" *
HP443	1/8" *	HP448	3mm
HP444	5/32"	HP449	6mm

*Supplied with handpieces above.

HP440 Set Includes 441, 442, 443, 444, 447, 448, and 449. The 445 is not included.

Handpiece Accessories and Spare Parts



A Handpiece Holder is available that clamps to work benches up to 2 1/4" thick. The height above the bench can be adjusted and the handpiece can be swiveled and locked into position. Pins and wrenches that are lost or damaged can be ordered from your dealer or the factor

Part No.	Description	Use with Handpieces
MAHH-30	Handpiece Holder	H.43T, H.44T, H.44TSJ
HP103117	Pin and Wrench	H.44T, H.44TSJ, H.43T
HP10588	Pin and Wrench	H.28, H.28SJ
HP10586	Set of 2 Wrenches	H.8, H.8D, H.8SJ

LIMITED WARRANTY

Freedom® warrants its product to be free of defects in material or workmanship for a period of 90 days after purchase. During the warranty period, the defective product will be repaired or replaced without charge or, at our option, the purchase price will be refunded. This warranty does not cover damage caused in transit or by accident, misuse, or ordinary wear. The duplex connection is particularly susceptible to damage and is not covered by warranty. Replacement duplex springs are shipped with installation instructions. ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE HEREBY LIMITED IN DURATION TO A PERIOD ENDING 90 DAYS FROM DATE OF PURCHASE, AND WE WILL NOT BE LIABLE OR RESPONSIBLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES. Repair or replacement will be made at our option if the product is returned post-paid to:

The Freedom Electric Company

16 Stony Hill Road, Bethel CT 06801

All warranty repairs must be done at the factory at the address above. We will not pay any shipping or transportation charges. This warranty covers the original purchaser of the product only. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.