

CE Compliant SR Motor and Speed Control with Choice of Key Tip, Square Drive or Slip Joint Shafting

Order by Part Number
Shown in Red

230V Series SR motors partnered with our C.FCT-2CE Speed Control are Foredom's ONLY Motor-Speed Control Combination to meet all CE electrical and safety requirements. The control power cord can be equipped with a UK style plug (Add -21 to Part No.) or Continental European Plug (Add -22 to Part No.), see page 15.

The CE Compliant SR has the same specifications as the Series SR- 1/6 HP, 125 watt, 18,000 rpm.

Choice of 3 Shafting Styles:

1. Standard key tip for use with our interchangeable handpieces, pages 20-23.
2. Heavy duty square drive for connecting to our 'square drive' handpieces, page 24.
3. European with motor coupling for use with 'slip joint' handpieces-see our selection of handpieces below.

CE Compliant Hang-Up Motor with Square Drive Shafting

- M.SRH-21CE \$300** (UK Plug)
- M.SRH-22CE \$300** (Continental European Plug)

CE Compliant Hang-Up Motor with Key Tip Shafting

- M.SR-21CE \$275** (UK Plug)
- M.SR-22CE \$275** (Continental European Plug)

CE Compliant Hang-Up Motor with European Slip Joint Shafting

- M.SRJ-21CE \$275** (UK Plug)
- M.SRJ-22CE \$275** (Continental European Plug)

Speed Control C.FCT-2CE \$70

Slip Joint Handpieces

Foredom's General Purpose, Quick Change, Hammer and Speed Increasing Slip Joint Handpieces can be used with the M.SRJ-FCT-2CE motor-speed control combination (shown above) and all European made flexible shaft machines with 'slip joint' connections. **These handpieces cannot be used with standard Key Tip style shafting that comes equipped on most Foredom machines.**

European style shafting and special motor connector are available to replace our standard models. The connector comes separately and with complete conversion assembly:

- S-108141** European Style Inner Shaft with Adapter and Silencer **\$13**
- S-108142** European Style Outer Sheath **\$16**
- UA541** European Motor Connector **\$12**
- S-10814** Complete Conversion Assembly **\$38**

General Purpose



**H.8SJ
\$65**

Comes with 2.35mm (3/32") & 3mm collets, and chuck wrenches. See H.8 on page 20 for full description. **Specifications:** 140mm (5-1/2") long, 16mm (5/8") dia, 99g, 132g packaged wt



**H.28SJ
\$60**

Comes with 2.35mm (3/32") & 3mm collets, and pin and chuck wrench set. See H.28 for full description. **Specifications:** 133mm (5-1/4") long, 18mm (23/32") dia, 13mm (1/2") dia at taper, 85g, 133g packaged wt



**H.30SJ
\$68**

Comes with geared 3-jaw #0 chuck with 0-4mm (5/32") capacity and HPCK-0 chuck key. See H.30 on page 20 for full description. **Specifications:** 146mm (5-3/4") long, 25.4mm (1") dia., 183g, 271g packaged wt



**H.44TSJ
\$60**

Comes with 2.35mm (3/32"), 3mm, and 6mm collets, pin and chuck wrench set. See H.44T on page 20 for full description. **Specifications:** 159mm (6-1/4") long, 25.4mm (1") dia. (center) 19mm (3/4") dia.-taper, 191g, 256g packaged wt

Quick Change



**H.18SJ
\$145**

For use **only** with 2.35mm (3/32") shank burs or mandrels. See H.18 on page 21 for full description. **Specifications:** 162mm (6-3/8") long, 15mm (19/32") dia., 102g, 139g packaged wt



**H.20SJ
\$89**

For use **only** with 2.35mm (3/32") shank burs or mandrels. See H.20 on page 21 for full description. **Specifications:** 152mm (6") long, 22mm (7/8") dia., 84g, 150g packaged wt



**H.52SJ
\$160**

For use **only** with 2.35mm (3/32") shank burs or mandrels. See H.52 on page 21 for full description. **Specifications:** 140mm (5-1/2") long, 20mm (51/64") dia., 84g, 164g packaged wt

Hammer



**H.15SJ
\$139**

Comes with threaded anvil point and pin to tighten point. See H.15 on page 22 for full description. **Specifications:** 143mm (5-5/8") long, 6mm (1/4") dia. at tip, 101g, 139g packaged wt

Speed Increasing



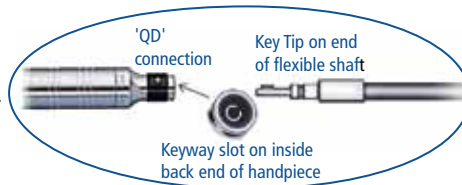
**H.35SJ
\$185**

Comes with 3mm collet unless otherwise specified. See H.35 on page 22 for full description. **Specifications:** 159mm (6-1/4") long, 30mm (1-3/16") dia., 268g, 303g packaged wt



What is an Interchangeable Handpiece?

Foredom's Quick Disconnect or 'QD' feature makes it fast and easy to change handpieces on any flexible shaft machine equipped with Key Tip style shafting. That includes all of our machines (SRH, TXH, etc.) except for those with Square Drive and Slip Joint shafting. QD refers to the back portion of Foredom's interchangeable handpieces. Inside the QD is a round connector with a keyway slot that accepts the key tip on the end of the shaft. Since all interchangeable handpieces have the same QD, they



can be easily attached or removed. The surest way to attach a handpiece is to push it onto the shafting while the motor is running very slowly. The key tip on the end of the shaft will find its way into the keyway slot. To remove, simply pull the handpiece off the sheath with a firm grip. Foredom's General Purpose, Quick Change, Special Use, Duplex Spring, and Chisel Handpieces are all 'Interchangeable'. Many users own several types of interchangeable handpieces which increases the versatility of their Foredom flex shaft machine.

General Purpose— Interchangeable Handpieces

H.30®, H.30-C1, H.30-C2, H.44T, H.43T, H.28, and H.8 Handpieces are among our most popular models since they work with different size shank accessories for a broad range of applications. They are suitable for continuous use and have pre-lubricated ball bearings that do not require any additional lubrication by the user.

Order by Part Number Shown in Red



H.30® Silver \$68
H.30-C1 Pink \$68
H.30-C2 Blue \$68

H.30® is Foredom's most popular handpiece. It features a geared 3-jaw #0 chuck that accepts any size shank accessory or drill bit up to 5/32" (4mm) in diameter. Comes with the HPCK-0 chuck key with molded plastic handle. Various bench top tools are available to work with this versatile handpiece, including our Drill Press (pg. 25), Allset® Stone Setting Kits (pg. 33), Angle Grinder (pg. 30) & Belt Sander Attachments (pg.31), Flex Shaft Handpiece Holder (pg. 34) and **NEW** Foredom Filer (pg. 29).

Specifications: 5-3/16" long, 1" dia., 5.85 oz, 9.1 oz packaged wt
NEW to this catalog are the **H.30-C1** (Pink) and **H.30-C2** (Blue) 'Special Edition' models which share all of the specs and pricing of the standard H.30® Handpiece.



H.44T \$60
 H.44T and H.43T are ideal for many industrial and woodcarving applications. The shorter H.43T is great for getting into difficult-to-reach and interior spaces with large accessories.

H.44T and H.43T are exactly the same except the H.43T is 1" shorter. Both accommodate accessories with shank sizes up to 1/4" in diameter. Handpieces come with three collets: 3/32" (2.35mm), 1/8" (3.18mm) and 1/4" (6.4mm)—installed, and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP440 (pg. 28). H.44T can be used in Foredom's drill press—the H.43T is too short but both fit the Flex Shaft Handpiece Holder (pg. 34).

Specifications: H.44T: 5-5/8" long, 1" dia. (center), 3/4" dia. (taper), 5.85 oz, 8.6 oz packaged wt

H.43T: 4-5/8" long, 1" dia. (center), 3/4" dia. (taper), 4.9 oz, 7.75 oz packaged wt

H.44T-E \$60: European version with 3mm, 6mm & 2.35mm collets.



H.43T \$60



H.28 \$60

H.28 has a slender, comfortable design and tapered grip. Comes with 3/32" (2.35mm)—installed and 1/8" (3.18mm) collets, and pin and chuck wrench. Other fractional & metric collets are available separately and in Collet Set HP600 (pg. 28).

Specifications: 5-1/4" long, 23/32" dia. (center), 1/2" dia. (taper), 3 oz, 4.35 oz packaged wt



H.8 \$65

H.8 has a slim design and chuck guard sleeve that protects fingers when working close and slides back when changing collets and accessories. Comes with 3/32" (2.35mm)—installed and 1/8" (3.18mm) collets, and set of chuck wrenches. Other fractional and metric collets are available separately and in Collet Set HP600 (pg. 28).

Specifications: 6-1/8" long, 5/8" dia., 3.55 oz, 5.1 oz packaged wt

Quick Change– Interchangeable Handpieces for Use with ONLY 2.35mm (3/32”) Burs, except for H.10- see below

Quick Change Handpieces accommodate ONLY 2.35mm (or 3/32”) shank size accessories that get seated in the handpiece’s 2.35mm collet. They allow you to change out burs, bits, cutters, drills, etc. without the use of a chuck key or pin and wrench. We offer push/pull, push lever, and rotating lever style bur release mechanisms. Selection is a matter of personal preference, as all save time for stone setters and others making frequent bur changes. It is important to **ALWAYS** store a bur in the collet of a Quick Change handpiece even when not in use. Quick Change handpieces have pre-lubricated ball bearings that do not require any additional lubrication.

Order by Part Number Shown in Red



H.18 \$145



Foredom’s premier Quick Change handpiece features a super slim grip and lever action that opens and closes the collet. Removing and cleaning of the precision collet is easy to do. Replacement Collet HP703 is on page 28.

Specifications: 7” long, 19/32” dia., 3.65 oz, 4.45 oz packaged wt



Press-to-Release Lever Action

Push lever down to open collet, release lever to lock in bur.

H.20 \$89



H.20 has a molded plastic front grip with tapered sides for easy and close handling. Replacement Collet HP3-1008 is listed on page 28.

Specifications: 5-5/8” long, 7/8” dia. (center) 3/8” dia. (front taper), 4 oz, 5.0 oz packaged wt



Lever Action

To insert an accessory, rotate lever 90° away from handpiece body. Insert accessory and move lever forward or back 90° into locked position.

H.52 \$160



H.52 is smooth running with a durable plastic barrel and grip that is comfortable to hold. A push/pull action on the handpiece body is all that is required to change accessories.

Specifications: 5-1/2” long, 51/64” dia., 3 oz, 5.5 oz packaged wt



Push/Pull Action

Simply pull to openchuck, insert accessory and push to close and lock.

H.10 \$279



H.10 has a rotating lever action that releases and closes the collet for quick and easy changes. It requires lubrication after the first 2-3 months of continuous use. Comes with 2.35mm collet (HP012.010) installed ONLY. Additional 1/8” (HP201.010) and 3mm (HP001.014) collets available separately, see pg 28.

Specifications: 7-3/8” long, 21/32” dia., 4.55 oz, 5.5 oz packaged wt



Lever Action

To insert an accessory, rotate lever 180° toward back end of handpiece. Insert accessory and move lever forward 180° into locked position.

Special Use— Interchangeable Handpieces

Order by Part Number Shown in Red

H.15 \$139 Hammer

Has a reciprocating rather than rotary action and is used at low speed (0-5,000 RPM) and only in forward rotation by jewelers for stone setting and decorative work. The hammer has a 1/32" stroke and its impact force can be adjusted from light to heavy by turning the silver knurled adjusting ring. Requires periodic lubrication with MS10005 Handpiece Lube, see page 28. Includes HP10177 Anvil Point and installing pin.

Specifications: 6-1/4" long, 1/4" dia. at tip, 3.65 oz, 4.85 oz pkg'd wt
All the tips shown below and at right are optional (except for supplied HP10177) and have threads that are 4-48 US. Pavé Point (A-R15PT) is for special texturing and Carbide Tip Stylus (HP10212) is for marking or scribing hardened steel.



Anvil Point (if purchased separately)
HP10177 \$6



Pavé Point
A-R15PT \$38



Carbide Stylus
HP10212 \$38

H.25 \$150 Heavy Duty



Precision, collet-style handpiece made for continuous production work. H.25 has double shielded ball bearings and a heavier duty housing than our regular interchangeable handpieces. H.25 comes with 1/8" (3.18mm)—installed and 1/4" (6.4mm) collets, and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP103000 see page 28.

Specifications: 5-1/4" long, 1-1/32" dia., 7.15 oz, 9.6 oz packaged wt

AK101 \$75 6pc Anvil Kit

| | | | | | |
|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| Ball Nose Anvil | Fine Point Anvil | Square Anvil | Cylinder Anvil | Rectangle Anvil | Bezel Rocker Anvil |
| HP10171 \$9 | HP10172 \$9 | HP10173 \$12 | HP10175 \$12 | HP10176 \$12 | HP10179 \$29 |

H.35 \$185 Speed Increasing



Unique handpiece has ball bearing speed increaser that produces 2.5 times the speed of the motor. Great for bright cutting with diamond fly-wheels and other high speed work with carbide and diamond points. Comes with a 1/8" (3.18mm) collet installed unless otherwise specified. Other fractional and metric collets are available separately and in Collet Set HP103000, see page 28.

Specifications: 5-1/4" long, 1-3/16" dia., 8 oz, 10.3 oz packaged wt
IMPORTANT: H.35 Handpiece should not be operated at speeds faster than 35,000 RPM. When connected to a Foredom motor (that runs up to 18,000 RPM), motor speed must be kept at 14,000 RPM or less (75% of full no-load speed). We recommend using the H.35 with the powerful M.TX bench-style motor which has a built-in dial control, or the M.TX hang-up model with the C.EMX dial control for setting and holding speed to within 35,000 RPM range. Another option is using a Series SR motor with a C.EM dial control.

Duplex springs are subject to breakage and NOT covered by warranty.

Duplex Spring— Interchangeable Handpieces



Duplex Springs should NOT be bent more than 30°

The spring that connects the two separated ends of a handpiece and the letter 'D' that we add to their part numbers are all that distinguish the 6 Duplex Spring Handpieces, at right, from standard models. The duplex spring component requires periodic lubrication with MS10005 Handpiece Lube, see page 28.

Duplex Springs provide extra flexibility to a handpiece when more precise control for delicate work is required. The spring drive is made of special steel, double wound, tubular construction with a protective flexible spring cover. Replacement springs, Part No. HP76, see pg 28, are available and can be installed by the user. We recommend that only experienced flex shaft users or those whose work demands added flexibility consider this style handpiece.



H.8D \$90

See H.8 Handpiece for full description.
Specifications: 9-3/8" long, 5/8" dia., 5.2 oz, 7.35 oz packaged wt



H.10D \$304

See H.10 Handpiece for full description.
Specifications: 10-3/4" long, 21/32" dia., 5.95 oz, 7.4 oz packaged wt



H.15D \$164

See H.15 Handpiece for full description.
Specifications: 9-5/8" long, 1/4" dia. at tip, 5.2 oz, 7.15 oz packaged wt



H.18D \$170

See H.18 Handpiece for full description.
Specifications: 10-3/8" long, 19/32" dia., 5.3 oz, 6.85 oz packaged wt



H.20D \$114

See H.20 Handpiece for full description.
Specifications: 10-1/8" long, 7/8" dia. (center), 5.4 oz, 7.5 oz packaged wt



H.52D \$185

See H.52 Handpiece for full description.
Specifications: 10" long, 51/64" dia., 5.15 oz, 8.4 oz packaged wt

Special Use— Interchangeable Handpieces Order by Part Number Shown in Red



H.50C \$80
Chisel Handpiece Set
 with 6pc Chisel Set 1

H.50 \$50 Chisel Handpiece
 No Chisels



Foredom's Chisel Handpiece gives a power assist to carving in all types of wood, plastic, plaster and soft carving stone. The H.50 is a reciprocating 'hammer' type handpiece that requires a light pressure to engage the hammering chisel action. It has a stroke depth of 1/8" (3.2mm). H.50 attaches to a Foredom or other flex shaft with a standard key tip shaft. Shaped like the popular H.44T, it has a unique, rugged textured plastic barrel and tapered aluminum front end.

TIP: We recommend using this handpiece with Series TX and LX or 1/6 HP Series SR motors in **forward rotation only**. For optimum performance use between 1,000 – 8,000 RPM.

Specifications: 6" long, 1" diameter, 4.6 oz, 6.65 oz packaged wt

TIP: We also recommend using a bench top dial speed control, in place of the more common foot pedal, to run steady within the recommended lower end of the speed range. Carvers can set and maintain any desired speed when connected to a dial control. See Kits K.EM-50 and K.EMX-50, below.

Dial Control Kits with Chisel Handpiece plus 11 Chisels (Sets 1 and 2— see below)



Kit K.EM-50 \$184

C.EM-H.50 plus Sets 1 & 2
 Order this kit for use with the 1/6 HP Series SR and other Foredom universal-type motors.

Kit K.EMX-50 \$199

C.EMX-H.50 plus Sets 1 & 2
 Order this kit for use with Foredom Series TX and LX permanent magnet motors.

5 Chisel Sets



Sets come in blue hanging case or canvas pouch shown top right.

Set 1 AKHK550 6pc \$41

A-KC503, A-KC504, A-KC505, A-KC506, A-KC509, A-KC510

Set 2 AKHK560 5pc \$41

A-KC501, A-KC502, A-KC507, A-KC508, A-KC511

Set 3 AK510 12pc \$79

A-KC501, A-KC502, A-KC503, A-KC504, A-KC505, A-KC506, A-KC507, A-KC508, A-KC509, A-KC510, A-KC511, A-KC515 with A-KC500 Canvas Pouch

Set 4 AKHK570 6pc \$47

A-KC512, A-KC513, A-KC514, A-KC515, A-KC516, A-KC517

Set 5 AKHK580 5pc \$47

A-KC717, A-KC718, A-KC721, A-KC722, A-KC723



We have 22 Quality Pre-Sharpened Chisels – see profiles and dimensions below and Sets at bottom left

Dimensions shown in mm



Typical dimensions for cutters in sets AKHK550, AKHK560, AK510, and AKHK570.



NEW

Typical dimensions for larger cutters in Set 5 AKHK580.

AK510 \$79
12pc Chisel Set in Pouch,
 includes Chisels in Set 3

A-KC500 \$21 Empty Canvas Pouch— available separately

| Actual Size Profiles | Dimensions | Part No. | Price | Comes in Sets |
|------------------------------------|-------------|----------------|----------------|---------------|
| #1 Chisels Single Bevel | | | | |
| | #1 x 9mm | A-KC509 | \$7.50 | 1, 3 |
| | #1 x 14.5mm | A-KC511 | \$9.50 | 2, 3 |
| #2 Right Skews Single Bevel | | | | |
| | #2 x 9mm | A-KC510 | \$7.50 | 1, 3 |
| | #2 x 14mm | A-KC512 | \$9.50 | 4 |
| Fluteroni | | | | |
| | 8mm | A-KC515 | \$9.50 | 3, 4 |
| | 12mm | A-KC721 | \$10.50 | 5 |
| Sweeps | | | | |
| | #3 x 9mm | A-KC503 | \$7.50 | 1, 3 |
| | #3 x 14mm | A-KC501 | \$9.50 | 2, 3 |
| | #7 x 8mm | A-KC504 | \$7.50 | 1, 3 |
| | #7 x 13mm | A-KC502 | \$9.50 | 2, 3 |
| | #7 x 17mm | A-KC718 | \$10.50 | 5 |
| | #8 x 10mm | A-KC508 | \$9.50 | 2, 3 |
| | #9 x 9mm | A-KC514 | \$9.50 | 4 |
| | #9 x 6mm | A-KC517 | \$7.50 | 4 |
| | #9 x 14mm | A-KC723 | \$10.50 | 5 |
| | #11 x 3.5mm | A-KC505 | \$7.50 | 1, 3 |
| V Parting Tools | | | | |
| | 70° x 5.5mm | A-KC506 | \$7.50 | 1, 3 |
| | 70° x 8mm | A-KC507 | \$9.50 | 2, 3 |
| | 75° x 12mm | A-KC717 | \$10.50 | 5 |
| | 110° x 7mm | A-KC516 | \$7.50 | 4 |
| | 110° x 11mm | A-KC513 | \$9.50 | 4 |
| | 110° x 16mm | A-KC722 | \$10.50 | 5 |

Square Drive Handpieces

Order by Part Number Shown in Red

Square Drive Handpieces are for use with Series SRH, TXH and LXH motors (Pages 14, 16 & 17) with heavy duty square drive shafts. They cannot be used with standard key tip style shafting that comes on most ForeDom machines. H.25H, H.30H, and H.44HT have positive sheath locking mechanisms (locking rings). H.28H attaches without a locking ring.



H.25H \$155

Larger, permanently lubricated and shielded ball bearings for cool running continuous use. Comes with 1/8" (installed) and 1/4" collets. See Collet Set HP103000 on Page 28. Precision collets from 1/16" to 1/4" and 3, 4, and 6mm are available.

Specifications: 1- 1/32" dia., 6-1/8" long, 8.7 oz, 11.35 oz pkg'd wt



H.28H \$63

Slender, collet type with tapered front grip. See H.28 for full description. Comes with 3/32" (installed) and 1/8" collets, and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP600 on page 28.

Specifications: 5-5/8" long, 23/32" dia., 1/2" dia. at taper, 3 oz, 5 oz packaged wt



H.30H \$73

Chuck style with permanently lubricated, shielded ball bearings and geared 3-jaw #0 chuck with 0-5/32" (4mm) capacity. Includes HPCCK-0 Chuck Key in molded plastic handle. See H.30® for full description.

Specifications: 1" dia., 5-13/16" long, 7.2 oz, 10.55 oz packaged wt



H.44HT \$63

Collet type with three collets: 3/32", 1/8" and 1/4"—installed, and pin and chuck wrench. See H.44T for full description. Other fractional and metric collets are available separately and in Collet Set HP440, pg. 28.

Specifications: 1" dia., 6-1/4" long, 7.4 oz, 9.85 oz packaged wt

Safety Products

AK6100 \$26

Safety Kit

Excellent grouping of products to help stay safe while using ForeDom and other power tools. Includes items from 3M and safety glasses:

- A-6102 Roll of Vetrap tape
- A-6103 Soft Foam Ear Plugs (3-Pack)
- A-6106 Respirators (3-Pack)
- A-SG3 Safety Glasses



A-6102 \$4.30/roll

3M Vetrap Tape

Self-adhering tape is easy to apply and requires no pins, clips or adhesive to secure it. Tape won't loosen over time and stays in place until removed. Doesn't stick to hair, skin, or anything else. Use to protect fingers during close work with sharp instruments. 2" wide x 15' long.



A-6106-6 \$24/6pk

3M Particulate Respirator

A three-panel respirator with low profile design that folds flat and fits a wide range of face sizes. Comfortable, lightweight and convenient. Has Cool Flow™ Exhalation Valve for work in heat and humidity.



A-6103-10 \$6.30/10pk

3M Soft Foam Ear Plugs

These soft plugs are made of hypo-allergenic materials and have a tapered cone shape for a good fit and comfort. Plastic cord prevents tangling.



A-SG3 \$17

Safety Glasses

Clear polycarbonate glasses with a contemporary style and unitary lens design. Temples are length adjustable with slotted ends. Comes with neck cord.



Drill Presses— For Use with Foredom Flexible Shaft Handpieces

NEW Model for H.MH-170 Brush Type Micromotor Handpiece

Foredom drill presses securely hold a handpiece in a vertical position for drilling straight, accurate holes to specified depths. They are ideal for modeling, spot-facing, countersinking and reaming in wood, wax, plastic, metal, glass and gemstone.



High-speed steel, cobalt and diamond drills are most commonly used for drilling. Whatever accessory you use, let the speed of the tool do the work. Too much feed pressure can damage or break your drill and may cause loss of control. Twist drills are often used for drilling holes in metals, woods, and plastics. On work items with rounded surfaces such as rods, it is a good idea to centerpunch a starting hole to keep the tip of the drill from "walking" or wandering from the desired starting point. When drilling, lift the drill up and down frequently to clear away dust and other debris.

DP10619 \$1 Replacement 7/64" Allen Wrench for tightening H.30® in P-DP30 handpiece mounting.



Handpiece not included

P-DP30 \$169 Drill Press for Flex Shaft Handpieces

This rugged and precise stand converts your flexible shaft power tool into a drill press. The sturdy, all metal stand is fully adjustable— arm, table, etc. Designed for use with H.30®, H.30H, H.44, H.44T, and H.44HT Handpieces connected to a flex shaft. **Note:** The H.43T Handpiece is too short to use.

Specifications: 2" throat capacity, up to 1-1/4" stroke length. 4" wide x 5" deep x 15" tall (to top of post), 10-1/2" of vertical travel (or ultimate height of object you can work on) with table swung out of the way, 9.5 lb packaged wt



NEW

Micromotor not included

P-DP70 \$169 Drill Press for H.MH-170 Micromotor

This new model shares the same features as the P-DP30 stand but is designed for use with Foredom's H.MH-170 Brush Type Rotary Micromotor Handpiece. It is the only drill press we know of that works with a micromotor handpiece. Burs, bits, drills and other accessories can be switched out while the handpiece is mounted.

Specifications: 2" throat capacity, up to 1-1/4" stroke length. 4" wide x 5" deep x 15" tall (to top of post). 10-1/2" of vertical travel (or ultimate height of object you can work on) with table swung out of the way, 9.15 lb packaged wt

Order by Part Number Shown in Red

Mini Vises— Perfect for use with Drill Presses

A-F37210 \$18

Plastic Mini Vise



For holding gemstone, shell, and other materials that require water during the drilling or shaping process. Has stainless steel threaded shaft for advancing jaw that won't rust. **Dimensions:** 4-1/4" long x 3-1/8" wide x 1-3/4" High. Jaw Width: 1-3/4". Jaw Capacity: 1-5/8". Jaw Height: 3/4". Mounting Holes: 15/64" dia. for #12 screws.

A-F37200 \$26

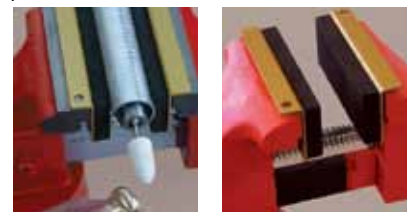
Zinc Die Cast Mini Vise



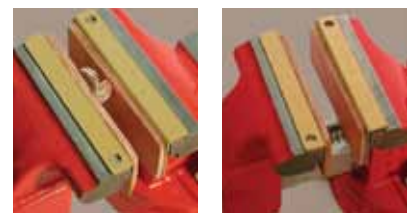
Firmly grasps small work pieces for precision drilling on the table top. Has horizontal and vertical 'v' grooves for holding small round pieces, and slots in base for mounting to drill press table slots. (Mounting hardware included.) **Dimensions:** 4-1/4" long x 2-3/8" wide x 1-1/2" high. Jaw Width: 1-1/4". Jaw Capacity: 1-1/2". Jaw Height: 1/2". Mounting Slots 11/64" wide x 1-7/8" long. Accepts #8 screws.

Soff Jaws™

Bench vise pads attach to any 3"- 4" vise with magnetic strips. Cushioned pads made of leather or resilient ethylene vinyl acetate grip odd shapes and prevent marring of polished, painted, or threaded surfaces.

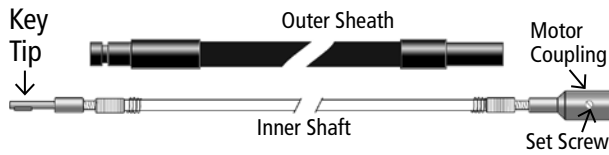


A-SJ35 Vinyl Acetate \$8.50



A-SJ35L Leather \$8.50

Maintenance— Replacement Shafts, Sheaths, Flexades



Key Tip Inner Shafts—Series SR, TX, LX, PGX (PowerGraver) & discontinued L, SR (1/8 HP), S, CC, PG, R, K, 900 & 990

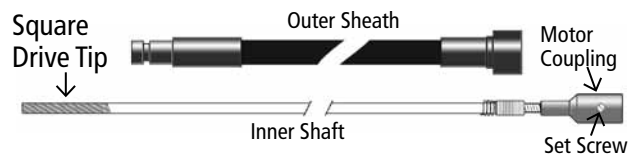
| | | |
|-------------------|---|-------------|
| S-93 | 39" Key Tip Inner Shaft— Comes Supplied on motors cited above— use with Sheaths S-77 or S-77N | \$11 |
| S-93-43 | 46-3/8" Optional Longer Inner Shaft— use with Sheath S-77-43 | \$12 |
| S-93-66 | 66" Optional Longer Inner Shaft— use with Sheath S-77-66 | \$16 |
| S-93-NC | 39" Optional Non-Conductive Inner Shaft— use with Sheath S-77 | \$17 |
| S-93-NC-66 | 66" Optional Non-Conductive Inner Shaft— use with Sheath S-77-66 | \$20 |
| S-96A | 39-1/4" Key Tip Inner Shaft for discont'd EE, GG, MMG motors, 975, 980W, 981W— use with Sheath S-80 | \$11 |
| S-97 | 33-1/2" Key Tip Inner Shaft for discont'd F, JJ, JB motors— use with Sheath S-82 | \$11 |
| S-93/77 | Factory Pre-Lubed Assembly S-93 Shaft and S-77 Sheath | \$30 |
| S-93/77-43 | Factory Pre-Lubed Assembly S-93-43 Shaft and S-77-43 Sheath | \$32 |
| S-93/77-66 | Factory Pre-Lubed Assembly S-93-66 Shaft and S-77-66 Sheath | \$38 |
| UA112-4 | Set Screw 4-pk for all key tip shafts— see drawing above | \$1 |

Outer Sheaths for Series SR, TX, LX, PGX (PowerGraver) and discontinued L, SR (1/8 HP), S, CC, PG, R, K, 900 & 990

| | | |
|----------------|---|-------------|
| S-77 | 36-1/4" Standard Material Outer Sheath— Comes supplied on motors cited above, except PG and PGX— use with Shafts S-93 or S-93-NC | \$15 |
| S-76N | 36-1/4" Neoprene Material Outer Sheath— Comes supplied on PGX and PG motors use with Shaft S-93 | \$19 |
| S-77N | 36-1/4" Neoprene Material Outer Sheath— Optional for ALL motors EXCEPT discont'd EE & F— use with Shaft S-93 | \$19 |
| S-77-43 | 43-5/8" Standard Material Outer Sheath— use with Shaft S-93-43 | \$16 |
| S-77-66 | 63-1/4" Standard Material Outer Sheath— use with Shafts S-93-66 or S-93-66-NC | \$18 |
| S-80 | 37-1/8" Standard Material Outer Sheath for discontinued EE, GG, MMG geared motors, 975, 980W, 981W— use with Shaft S-96A | \$15 |
| S-82 | 31-1/2" Standard Material Outer Sheath for discontinued F, JJ, JB motors— use with Shaft S-97 | \$15 |

Shafts, Sheaths, Screws for Flexades (See page 42)

| | | |
|----------------|---|-------------|
| S-104 | 34" Flexade Shaft | \$11 |
| S-86 | 32-5/8" Flexade Standard Material Sheath | \$15 |
| UA117-4 | Set Screw 4-pk, for Flexade & M.BL attachments A-TM-5, A-TM-6, A-WM-5, A-WM-6, A-CHA-5, A-JCA-2 | \$1 |
| UA112KY | Allen wrench for UA117-4 Set Screws | \$1 |



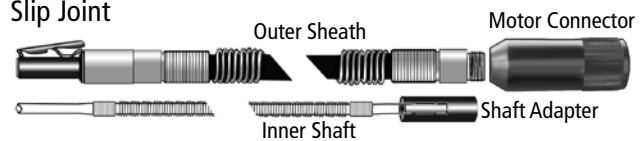
Square Drive Shafts & Sheaths for Series SRH, TXH, LXH

| | | |
|-------------------|--|-------------|
| S-10823 | 63-3/4" Square Drive Shaft— Comes Supplied on motors cited above | \$19 |
| S-10801TX | 63" Square Drive Sheath Assembly— Comes Supplied on motors cited above. Includes SS10819 | \$47 |
| SS10819 | 59-1/2" Silencer Spring for motors cited above | \$15 |
| S-10816TX | Factory Pre-Lubed Assembly S-10823, S-10801TX & SS10819 | \$70 |
| S-10827-NC | 63-13/16" Non-Conductive Square Drive Shaft | \$24 |
| S-10801-NC | 63-1/8" Non-Conductive Square Drive Sheath Includes SS10819 Silencer | \$57 |
| S-10816-NC | Non-Conductive, Factory Pre-Lubed Assembly S-10827-NC, S-10801-NC & SS10819 | \$85 |
| S-10805 | 45-3/4" Square Drive Shaft— use with S-10802TX | \$19 |
| S-10802TX | 43-3/4" Square Drive Sheath Assembly Includes SS10822— use with S-10805 | \$44 |
| SS10822 | 41-1/2" Silencer Spring | \$15 |
| S-10804TX | Factory Pre-Lubed Assembly S-10805, S-10802TX & SS10822 | \$65 |
| S-10805-NC | 45-3/4" Non-Conductive Square Drive Shaft | \$21 |
| S-10802-NC | 43-3/4" Non-Conductive Square Drive Sheath Includes SS10822 Silencer | \$50 |
| SS10822 | 41-1/2" Silencer Spring | \$15 |
| S-10804-NC | Non-Conductive, Factory Pre-Lubed Assembly S-10805-NC, S-10802-NC & SS10822 | \$75 |
| UA114-4 | Set Screw 4-pk for all square drive shafts— see drawing above | \$1 |

Square Drive Shafts & Sheaths for Discontinued Series H

| | | |
|-------------------|---|-------------|
| S-10805 | 45-3/4" Square Drive Shaft | \$19 |
| S-10802A | 44-3/8" Square Drive Sheath Assembly Includes SS10822 | \$44 |
| SS10822 | 41-1/2" Silencer Spring | \$15 |
| S-10804B | Factory Pre-Lubed Assembly S-10805, S-10802A & SS10822 | \$65 |
| S-10805/45 | Shaft for Older H Series Motors with square drive tips of BOTH ends and no coupling use with S-10802A Sheath | \$23 |

Slip Joint



Foredom's Slip Joint Handpieces fit on European machines with "slip joint" connections (pg. 19). To use slip joint handpieces on Foredom motors, replace our standard shaft, sheath, and motor connector with the S-10814 Complete Conversion Assembly, or order the UA541 Motor Connector Only if you already own a slip joint style shaft and sheath.

Slip Joint Shaft, Sheath, Motor Connector

| | | |
|-----------------|---|-------------|
| S-108141 | 93.7cm Slip Joint Inner Shaft— with shaft adapter and silencer | \$13 |
| S-108142 | 95.3cm Slip Joint Outer Sheath | \$16 |
| UA541 | Slip Joint Motor Connector | \$12 |
| S-10814 | Factory Pre-Lubed Conversion Assembly Shaft, Shaft Adapter, Sheath | \$38 |

Maintenance— Motor Supplies and Maintenance Instructions

Motor Maintenance Kits—

Maintenance Kits for flex shaft machines (NOT Square Drive) are suitable for 115 and 230 Volt models, except where noted. Contains: shaft, grease, pair of motor brushes, operating manual.



| | | |
|----------------|--|-------------|
| MSMK-16 | For Series TX and Series LX Motors | \$22 |
| MSMK-10 | For 1/6HP Series SR Motors | \$18 |
| MSMK-8 | For Discontinued 1/8HP Series SR & S Motors | \$18 |
| MSMK-9 | For Discontinued 1/10HP Series CC 115 Volt Motors ONLY | \$18 |
| MSMK-9A | For Discontinued 1/10HP Series CC 230 Volt Motors ONLY | \$18 |

Motor Connector, Set Screw

| | | |
|----------------|---|--------------------|
| UA111P | Motor Connector for Series TX, SR, LX, PGX S, CC, R, L & PG motors. Includes set screw. | \$3.50 |
| UA113-4 | Set Screw for Motor Connector, 4pk | \$1 per 4pk |



Screws for Hang Up Motor Bales

| | | |
|-----------------|--|--------------------|
| UA106-4 | 4pk of screws for attaching bales to Series SR & TX Motors | \$1 per 4pk |
| UA106S-4 | 4pk of screws for attaching bales to Series LX, L, PGX, PG, 1/8HP SR, S, CC, H, K, R, RB, EE, MMG, GG Motors | \$1 per 4pk |



Motor Brushes & Brush Caps

Brushes priced per pair for 115 Volt & 230 Volt Motors except where noted. Brush Caps priced individually.



| | | |
|----------------|--|-------------|
| MP319P | Brushes for Series TX, TXH, LX, LXH, L, PGX, PG Motors | \$12 |
| MP132P | Brushes for 1/6HP Series SR & SRH Motors | \$9 |
| MP262P | Brushes for M.BL, BL-1, BL-1A, BL-2 Bench Lathes | \$9 |
| MP2019P | Brushes for 1/8HP Series SR, S, H & K Motors | \$9 |
| MP119P | Brushes for CC, MM, DD Motors 115V ONLY | \$9 |
| MP117P | Brushes for R, RB, EE, MMG, GG and 230V CC Motors | \$9 |
| MP133 | Brush Cap for 1/6HP Series SR & SRH Motors, Series TX, TXH, LX, LXH and PGX Motors | \$1 |
| MP120 | Brush Cap for 1/8HP Series SR & S Motors, Series CC, L, PG, Motors and Arch Trimmers | \$1 |
| MP273 | Brush Cap for M.BL, BL-1, BL-1A, BL-2 Bench Lathes | \$1 |

Base and Yoke Assembly \$49

Turn your hang-up style motor into a bench top model with the cast iron Base and Yoke Assembly. It is easy to install, includes screws. 6.7 lb packaged wt



| | | |
|----------------|--|--|
| UA10451 | For Series TX, TXH, SR, SRH, LX, LXH, and PGX Motors | |
|----------------|--|--|

Visit www.foredom.net for Foredom Basics and Maintenance 'How-To' videos

More Maintenance Items on Next Page— Collets, Chucks & Wrenches, Other Handpiece Supplies, Speed Control Trigger Switches, Lubrication Supplies, Screwdriver, and Elma Cleaning Concentrate.

Wax Carver

Order by Part Number Shown in Red



Kit K.WC-1 **\$220** with 3 tips (A-WT-2, A-WT-3, A-WT-4) tips shown with asterisk*, 1.2 lb packaged wt

Kit K.WC-3 **\$260** with all 7 tips, 1.3 lb packaged wt

Compact Control Box has a precision heat control dial for setting and maintaining temperatures from 95°F (35°C) up to 560°F (294°C). Keep it low for delicate work or turn it up for fast wax removal or carving harder waxes. A flashing light shows heat intensity and indicates if the tool is unintentionally left on. Only 2-1/2" x 2" (64 x 51mm). It hardly takes up any work bench space. It can also be wall mounted with a piece of velcro, as the jeweler did in the photo at left. Cords are removable for easy storage when not in use.

Lightweight Handpiece has cork insulation to keep fingertips cool while working. Extremely flexible, detachable handpiece cord is perfect for the controlled movements needed for fine detailing in wax.

Brass Tips are easy to clean and change, they're a great improvement over the tips used on other models. You can alter the tips with a file or pliers and create your own custom shapes. Kit K.WC-1 comes with 3 tips indicated with an asterisk*. Kit K.WC-3 comes with all 7 tips. Tips also come separately.

Universal Voltage Wax Carver Kits work on any voltage from 100V to 240V. Plug Adapters are available at no added charge when ordering a Kit for use where 110V - 120V is not available. See Plug Adapters on bottom of page 15 and specify when ordering, i.e. **K.WC-1-21**. This is a 3-Tip Kit with UK Plug Adapter.

One Year Limited Warranty on Wax Carvers

Spare Parts:


| | | |
|----------------|----------------|--|
| A-WT-86 | \$22.60 | Replacement Handpiece Cord (41" from metal tip to tip) |
| A-WT-82 | \$99.90 | Replacement Handpiece |
| A-WT-84 | \$10.50 | Replacement Cap with Cork Cover for Handpiece |

| | | | | | | |
|--|---|--|---|--|--|---|
| | | | | | | |
| Knife* A-WT-3 \$12 | Small* Spoon A-WT-4 \$12 | Straight* Taper A-WT-2 \$12 | Curved Taper A-WT-5 \$12 | Narrow Flat A-WT-1 \$12 | Wide Flat A-WT-6 \$12 | Large Spoon A-WT-7 \$15.50 |


Maintenance— Handpiece, Speed Control & Lubrication Supplies

Collets



For Handpieces— H.8, H.8D, H.8SJ, H.28, H.28SJ, H.28H, H.9D, Right Angle Attachment A-69224

| | | | |
|--------------|--------------------------------|---|-------------|
| HP600 | Set of 4 Collets— 1 each below |  | \$30 |
| HP602 | 1/16" (1.6mm) Collet | | \$8 |
| HP603 | 3/32" (2.35mm) Collet | | \$8 |
| HP604 | 1/8" (3.18mm) Collet | | \$8 |
| HP605 | 3mm Collet | | \$8 |

For Handpieces— H.43T, H.44T, H.44T-E, H.44TSJ, H.44HT, H.44, H.44A, H.44B, Collet Adapters A-CHA-5 & CHA-6

| | | | |
|--------------|--------------------------------|---|-------------|
| HP440 | Set of 7 Collets— 1 each below |  | \$49 |
| HP442 | 3/32" (2.35mm) Collet | | \$8 |
| HP448 | 3mm Collet | | \$8 |
| HP443 | 1/8" (3.18mm) Collet | | \$8 |
| HP444 | 5/32" (4mm) Collet | | \$8 |
| HP445 | 3/16" (4.8mm) Collet | | \$8 |
| HP449 | 6mm Collet | | \$8 |
| HP447 | 1/4" (6.35mm) Collet | | \$8 |


For Handpieces— H.25, H.25H, H.35, H.35SJ

| | | | |
|-----------------|-------------------------|--|----------------|
| HP103000 | Set of 5 Collets |  | \$81.50 |
| HP103116 | 1/16" (1.6mm) Collet | | \$18 |
| HP103115 | 3/32" (2.35mm) Collet | | \$18 |
| HP103114 | 1/8" (3.18mm) Collet | | \$18 |
| HP103113 | 3/16" (4.8mm) Collet | | \$18 |
| HP103112 | 1/4" (6.35mm) Collet | | \$18 |
| HP103124 | 3mm Collet (not in set) |  | \$18 |
| HP103126 | 4mm Collet (not in set) | | \$18 |
| HP103119 | 6mm Collet (not in set) | | \$18 |


For Handpieces— H.10, H.10D, H.18, H.18D, H.18SJ, H.20, H.20D, H.20SJ

| | | | |
|------------------|--|--|----------------|
| HP001.014 | 3mm Collet for H.10, H.10D | | \$56.50 |
| HP012.010 | 3/32" (2.35mm) Collet for H.10, H.10D | | \$56.50 |
| HP201.010 | 1/8" (3.18mm) Collet for H.10, H.10D | | \$56.50 |
| HP703 | 3/32" (2.35mm) Collet for H.18, H.18D, H.18SJ | | \$28 |
| HP3-1008 | 3/32" (2.35mm) Collet with 1.5mm hex key for H.20, H.20D, H.20SJ | | \$10.50 |

Chuck Keys & Wrenches for Handpieces and Other Attachments

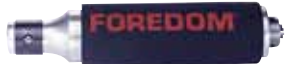
| | | | |
|--------------------------------------|--|---|---------------|
| HP72 | #0 Chuck Key for H.30®, H.30-C1, H.30-C2, H.30H, H.30SJ, H.25C, A-JCA-1 & A-JCA-2 Chuck Arbors |  | \$3 |
| HPCK-0 with plastic handle | #0 Chuck Key for H.30®, H.30-C1, H.30-C2, H.30H, H.30SJ, H.25C, A-JCA-1 & A-JCA-2 Chuck Arbors | | \$6 |
| HP10586 | 11/32" Wrench Assembly for Handpieces H.8 and H.8D. Also Right Angle Attachment A-69224 | | \$3.50 |
| HP10588 | 11/32" Pin & Chuck Wrench for H.28, H.28H, H.28SJ | | \$3.50 |
| HP66 | 1/2" Pin with Spring & Chuck Wrench for A-CHA-4 & A-CHA-5 Collet Holders | | \$6.30 |
| HP67 | 5/8" Pin & Chuck Wrench for H.44A & B, H.44H, H.44SJ | | \$3.50 |
| HP103117 | 1/2" Pin & Chuck Wrench for H.35, H.35SJ, H.25, H.25H, H.43T, H.44T, H.44T-E, H.44HT, H.44TSJ | | \$3.50 |
| HP5238 | 3/8" spanner wrench for H.52, H.52D, H.52SJ | | \$1.30 |
| HP50012 | 12mm Wrench for H.50 & H.50C Chisel Handpieces | | \$2.50 |

Handpiece Ball Bearings, Sheath Spring Clip, Catch Balls, Chuck Nuts, Duplex Springs

| | | | |
|-----------------|--|--|----------------|
| HP58 | Ball Bearing for H.8, H.8D, H.8SJ, H.28, H.28H, H.28SJ | | \$8 |
| HP61 | Ball Bearing for H.30®, H.30-C1, H.30-C2, H.30H, H.43T, H.44T, H.44HT, H.44TSJ, H.44A, H.44B | | \$8 |
| HP43 | Spring Clip for ALL Handpieces EXCEPT Slip Joint |  | \$1 |
| HP48-4 | Catch Ball, 4pk for ALL Handps EXCEPT Slip Joint | | \$1 |
| HP3426 | Chuck Nut for H.43T, H.44T, H.44HT, H.44TSJ, A-CHA-4 and A-CHA-5 | | \$8 |
| HP2826 | Chuck Nut for H.28, H.28H, H.28SJ, A-69224 | | \$10.25 |
| HP103105 | Chuck Nut for H.25, H.25H, H.35, H.35SJ | | \$9.95 |
| HP44A | Chuck Nut for H.8, H.8D, H.8SJ | | \$2 |
| HP76 | Duplex Spring | | \$12.50 |
| HP76B | Duplex Spring— 12pk | | \$150 |


Handpiece Grip

1/8" thick rubber cushion provides an added layer of comfort to Handpieces H.30®, H.30-C1, H.30-C2, H.30H and H.30SJ. Grip slides on easily but holds firmly. (Handpiece not included)


| | | | |
|---------------|---|---|------------|
| HPG-30 | Handpiece Grip for Handpieces noted above |  | \$2 |
|---------------|---|---|------------|

Trigger Switches for Foot Operated Speed Controls


Comes with installation instructions

| | | | |
|----------------|---|--|-------------|
| CP10857 | For C.FCT-1/C.SCT-1, C.FCH-1/C.SCH-1 (115 Volt) |  | \$11 |
| CP11251 | For C.TXR-1/C.SXR-1 (115 Volt) | | \$11 |
| CP11027 | For C.FCT-2/C.SCT-2, C.FCH-2/C.SCH-2 (230 Volt) | | \$11 |
| | For C.TXR-2/C.SXR-2 (230 Volt) | | |

Lubrication Supplies

| | | | |
|----------------|--|---|---------------|
| MS10005 | Foredom Motor and Handpiece Oil in hypodermic dispenser, 1/4 oz |  | \$4.50 |
| MS10006 | Foredom Flexible Shaft Grease in 1 oz tube | | \$3.50 |
| MS10008 | Foredom Grease in 1/2 oz tube for H.50 and H.50C Chisel Handpieces | | \$4.50 |

5" Screwdriver

| | | | |
|---------------|---|---|---------------|
| A-PS83 | Fits many small screws used on various Foredom products. Double ended screwdriver with flat blade and Phillips tip. |  | \$4.50 |
|---------------|---|---|---------------|

Elma 85 General Purpose Ultrasonic Cleaning Concentrate

DA10985 \$39 (priced per quart)
1 Quart Yields 5 Gallons

General purpose cleaning concentrate for all metal surfaces. It removes dirt, grease, and polishing compounds. Elma 85 is free of alkaline and acid substances, and is biodegradable and non-ammoniated. Combine concentrate with regular tap water.

NEW FOREDOM® Filer- H.30® Handpiece Attachment



Foredom Filer Kits come with Plastic Carrying Case except AK89000



Filer Kits

| | | |
|------------------|--------------|--|
| AK89000 | \$605 | Kit with Mounting Tools and Handpiece Grip No Handpiece, No Files (#11), No Carrying Case (#12), 1.5 lb pkg'd wt |
| AK89110 | \$695 | Kit with Mounting Tools, Handpiece Grip, 150 grit File Set and Carrying Case (#12), No Handpiece, 4.5 lb packaged wt |
| AK89130 | \$745 | Kit with H.30® Handpiece, Mounting Tools, Handpiece Grip, 150 grit File Set, Carrying Case (#12), 5 lb packaged wt |
| AK89130H | \$745 | Kit with H.30H Handpiece, Mounting Tools, Handpiece Grip, 150 grit File Set, Carrying Case (#12), 5.25 lb packaged wt |
| AK89130SJ | \$745 | Kit with H.30SJ Handpiece, Mounting Tools, Handpiece Grip, 150 grit File Set, Carrying Case (#12), 5.25 lb packaged wt |

FOREDOM Filer- This reciprocating tool (not rotary) attaches over the top of Foredom's H.30® Handpieces (H.30, H.30H and H.30SJ). Partnered with our flex shaft machine and handpiece, it offers a power assist to tiresome hand filing operations and can be used to file, hone, polish and lap on straight and curved surfaces. The quality constructed aluminum attachment has a pistol grip for ergonomic, easy handling. It comes prelubricated and never requires any additional lubrication. Holds tools with different shank sizes from 2.35mm (3/32") to 6.4mm (1/4"). The Filer has a 2.5 : 1 motor gear reduction.

Stroke Length: Stroke length can be adjusted from 0mm up to 5mm.

Operating Recommendations:

The Filer can run at a Maximum Input Motor Speed of 10,000 RPM which is the equivalent Output of 4,000 Strokes Per Minute.

Maintaining a consistent speed of operation is critical for good results. The best and easiest way to achieve that is to use a dial speed control rather than a foot pedal. Use ONLY in forward rotation when partnered with a Series SR motor.

Specifications: Length: 5-1/2" x Width: 2-1/4" (at widest) x Height: 3"

Filer Accessories-

Super Stones Bars and Rods

Super Stones produce uniform surface finishes and come in color coded grits. They are long lasting, heat and wear resistant with ceramic fibers that will not break or dull. They are great for polishing narrow slots, interior and intricate spaces on all types of metals including gold, platinum, stainless, copper, aluminum, and even silicon and plastics. Must be used with Abrasive Tool Holder.

Bars: \$9.50 ea. 0.5mm thick x 1mm wide x 100mm long

A-SSF120012 1,200 grit

A-SSF100012 1,000 grit

A-SSF80012 800 grit

A-SSF60012 600 grit

Rods: \$17.50 ea.

3mm dia. x 50mm long

A-SSR12003 1,200 grit

A-SSR10003 1,000 grit

A-SSR8003 800 grit

A-SSR6003 600 grit

A-SSR4003 400 grit

A-SSR3003 300 grit

A-SSR1803 180 grit

A-SSR1203 120 grit

Mounting Tools and Accessories included in Filer Kits.

Prices shown if purchased separately.

- 1 Filer Head**
- 2 HP89016 \$23ea** Drive Belt (2 supplied- one comes installed and the other is a spare)
- 3 A-891016 \$2** Hex Wrench, 1.5mm
- 4 UA121 \$2.50** Long Arm Hex Wrench, 3mm
- 5 A-69210 \$5** Drive Cup (same for Angle Grinder & Belt Sander Attachments)
- 6 A-891012 \$18** Abrasive Tool Holder made of hardened steel with 1/4" shank. Holds bars up to 10mm wide and 5mm thick and rods up to 3.18mm (1/8") in diameter. Comes with A-891015 Hex Wrench, 2.5mm
- 7 A-891014 \$3** V-Block Collet Insert (2 supplied)
- 8 A-69219 \$2** Hex Key, 3mm (same for Angle Grinder & Belt Sander Attachments)
- 9 A-891013 \$7** Face Spanner Wrench
- 10 HPG-30 \$2** Handpiece Grip- 1/8" rubber cushion
- 11 AK891012NF \$45** Diamond Needle File Set- 5pc, flat, half round taper, round taper, square taper and oval taper. All 3mm diameter shanks and 150 grit (not included in AK89000)
- 12 AP1131 \$50** Plastic Carrying Case with custom foam insert (not included in AK89000)

Diamond Needle File Sets in 3 Grits, 5pc, \$45 Ea

Prices shown if purchased separately.

AK891012NF 150 grit (comes in all Kits except AK89000),

AK891020NF 200 grit, **AK891040NF** 400 grit



2" Angle Grinder Kits– H.30® Handpiece Attachment

Angle Grinder Attachment Kits

| | | |
|------------------|--------------|---|
| AK69110 | \$119 | Kit – No Handpiece, 1 lb packaged wt |
| AK69130 | \$172 | Kit with H.30® Handpiece, 1.25 lb pkg'd wt |
| AK69130H | \$172 | Kit with H.30H Square Drive Handpiece, 1.5 lb packaged wt |
| AK69130SJ | \$172 | Kit with H.30SJ Slip Joint Handpiece, 1.25 lb packaged wt |
| AK69109 | \$145 | Kit with Lapidary Accessories– No Handpiece, shown below, 1lb packaged wt |

Kits with Handpieces include HPCK-0 Chuck Key in molded plastic handle. All Kits, except AK69109 featured below, include Accessories and Mounting Tools listed at right:

Angle Grinder

This attachment is ideal for polishing, grinding, and sanding on virtually any material. The aluminum head attaches easily over the top of Foredom's most popular handpiece– the H.30®. It also fits H.30H square drive and H.30SJ slip joint handpieces.

The Angle Grinder has a 1 to .75 gear reduction and reduces motor speed by 25%. **NEVER use in REVERSE rotation.**

It is best to secure the work piece in a vise or clamp to allow for two handed operation of the angle grinder.

5,000 – 15,000 RPM Optimum Operating Speed

18,000 RPM Maximum Speed for Short Intervals

One-Year Limited Warranty

Specifications: Length: 3-1/8" Width: 2-1/2" (at widest) Depth: 2-3/4"



Visit www.foredom.net for Videos of the Angle Grinder

A-69224 Right Angle Attachment on next page Adds Versatility to the Angle Grinder

Mounting Tools and Accessories included in Angle Grinder Kits (except AK69109). Prices shown if purchased separately. Check Foredom Accessory Catalog or website for items shown without prices.



Kit AK69110

- 1 Angle Grinder Head with A-2202 Sanding Flap Wheel– 120 grit**
- 2 A-69212 \$4 5mm Short Hub** with 8mm Hex Screw (internal part, not shown). Used for mounting installed Flap Wheel. Also for Typhoon® Discs, up to 2 Radial Bristle Discs, Cut Off and other Flap Wheels. **Item looks like #7**
- 3 A-69213 \$4 Inner Wheel Arbor** (internal part, not shown) used to attach accessories with 3/8" arbor holes
- 4 NEW! Screw-Lok Sandpaper Discs & Abrasive Pad–** used with Screw-Lok Mandrel, #5
A-3604– 120 grit and A-3602– 40 grit Sandpaper Discs with 6 holes, A-3522– 80 grit Abrasive Pad
- 5 NEW! A-69225 \$5 Screw-Lok Disc Mandrel**
- 6 A-69210 \$5 Drive Cup** (also for Foredom Filer & Belt Sander)
- 7 A-69212L \$4 8mm Long Hub** with 14mm hex screw used for mounting Velcro Sanding Heads, stacks of 3 to 4 Radial Bristle Discs, Grinding and Felt Wheels
- 8 Assorted PSA Sanding and Velcro® Discs, Sanding Screen, Disc Holder Protector Pad**, used with Velcro Hook Type Disc Mandrel #9
A-4594– 320 grit, A-4593– 400 grit, A-4592– 600 grit Imperial Micro-finishing Film PSA Discs. A-5632– 60 grit Aluminum Oxide PSA Disc. A-5683– 80 grit Ceramic Purple PSA Disc. Use with #9
A-10041-5 \$4.20 PSA Velcro Discs (5-pack) with Loop surface and PSA on other side (required to adhere PSA Sanding Discs to Mandrel)
A-10033– 120 grit Abranet™ Sanding Screen with Velcro Loop Backing
A-10042 \$3.20 Disc Holder Protector Pad (orange one side–white on reverse, required for using Sanding Screen)
- 9 A-69222 \$6 Velcro Hook Type Disc Mandrel**
- 10 A-69217 \$3.50 Face Spanner Wrench**
- 11 A-69218 \$3.50 Open End Wrench**
- 12 A-69219 \$2 Hex Key, 3mm** (also for Belt Sander and Filer)

A-69223 \$5 Quick Change Arbor Use for mounting Quick Change 1" & 2" Sanding Discs



A-69211 \$2 Drive Pin T-Shaped version fits older models of Angle Grinder & Belt Sander. (not shown)

Kit AK69109 Angle Grinder Kit with Lapidary Accessories



Mounting Tools and Accessories included in AK69109 Angle Grinder Kit. Prices shown if purchased separately
Nos. 1, 2, 3, 5, 6, 7, 9, 10, 11 & 12 are the same as above.

- 4 NEW! A-3402 \$2 Screw-Lok Felt Wheel** 5/16" thick for polishing and lapping on metals, plastics and more. Use with compounds
- 8 Assorted PSA Sanding and Velcro® Discs, Velcro Hook Type Disc Mandrel** (#9 described above)
A-4452– 120 grit/125 micron, A-4453– 220 grit/74 micron, A-4454– 320 grit/45 micron, A-4456– 600 grit/20 micron, A-4457– 1,200 grit/9 micron Diamond Microfinishing Discs
A-5752– 60 grit/250 micron Flexible Diamond PSA Disc
A-4583– 4,000 grit/3 micron Diamond Lapping Film Disc
A-4408– 50,000 grit/.5 micron Cerium Oxide Trizact Polishing Disc
A-10041 PSA Velcro Discs (8-pack) with Loop surface and PSA on other side (required to adhere PSA Sanding Discs to Mandrel)

Belt Sander Kits– H.30® Handpiece Attachment

Belt Sander Attachment Kits

| | | |
|-------------------|--------------|--|
| AK797210 | \$79 | Kit – No Handpiece, 8 oz packaged wt |
| AK797230 | \$132 | Kit with H.30® Handpiece, 1 lb pkg'd wt |
| AK797230H | \$132 | Kit with H.30H Square Drive Handpiece, 1.25 lb packaged wt |
| AK797230SJ | \$132 | Kit with H.30SJ Slip Joint Handpiece, 1.25 lb packaged wt |

Kits also include 10 Sandpaper Belts and Mounting Tools:

- * Installed– 180 grit, 10mm x 257mm Sandpaper Belt
- * 3 ea. of 100, 180 and 240 grit, 10mm Sandpaper Belts
- * A-69210 Drive Cup and A-69219 Hex Key, shown on opposite page (#6 and #12). These are the same tools that are used to mount the Angle Grinder and Filer.

Belt Sander– offers a power assist to sanding jobs and can be used to sand and smooth metal, wood, acrylic & composite materials.

The Belt Sander has an aluminum head that attaches over the top of Foredom's H.30® handpieces (H.30, H.30H and H.30SJ). It has 3 permanently lubricated ball bearings and mounts with the supplied A-69210 Drive Cup and A-69219 Hex Key– both are shown on the opposite page.

500 – 4,000 RPM Optimum Speed 5,000 RPM Maximum Speed

One-Year Limited Warranty

Specifications: Length: 4-7/8" Width: 1-3/4" (at widest) x 2" tall

Kit AK797210



Replacement Sandpaper Belts

257mm Long Replacement Sandpaper Belts come in two widths: 7mm and 10mm. Both widths are available in packs of 5 and assortments:

| Grit | \$3.50/5Pk | \$4.50/5Pk |
|-------|------------|------------|
| | 7mm Belts* | 10mm Belts |
| 100 | A-797415 | A-797515 |
| 180 | A-797425 | A-797525 |
| 240 | A-797435 | A-797535 |
| 320 | A-797445 | A-797545 |
| 600 | A-797455 | A-797555 |
| 1,000 | A-797465 | A-797565 |

| | Assortments | Assortments |
|---------------|---|------------------------|
| | 7mm Belts | 100mm Belts |
| Coarse | 3 ea. of 100, 180, 240 grit AK797409 \$5/9Pk | AK797509 \$6.50/9Pk |
| Fine | 3 ea. of 320, 600 and 1000 grit AK797429 \$5/9Pk | AK797529 \$6.50/9Pk |
| Coarse & Fine | 3 ea. of 100, 180, 240, 320, 600 & 1000 grit AK797439 \$10/18Pk | AK797539 \$13/18Pk |

* 7mm Belts came installed on Older Models of Belt Sander Attachments with Serial #'s from H11XXXXX to H09XXXXX

A-69224 \$48

Right Angle Attachment Converts H.30® into a Right Angle Handpiece

(Handpiece and Angle Grinder sold separately– see facing page)



Right Angle Attachment mounts on the Angle Grinder for use with H.30, H.30H, or H.30SJ handpieces. It fits into tight spaces and adds versatility to the Angle Grinder.

Includes 2 collets for use with 3/32" & 1/8" shank accessories and set of 2 wrenches. 1/16" and 3mm collets are available separately and in Collet Set HP600, see page 28.

Requires a Foredom H.30, H.30H, or H.30SJ Handpiece, Angle Grinder Attachment, and Flexible Shaft Machine.

MAHH-30 \$41 Handpiece Holder

(Handpiece and Belt Sander sold separately)

For Handpieces H.30®, H.30H, H.30SJ, H.43T, H.44T, H.44HT, and older models H.44, H.44A, & H.44B. Allows you to hold the handpiece steady and to bring the workpiece to the tool. Great for use with Belt Sander Attachment, shown above, 1.4 lb packaged wt. Comes with handpiece clamp, rod and MABC-1 clamp. See page 34.

Handpiece can be raised between 2-1/4" to 9-1/2" off the work surface (measured from center of handpiece).



Visit the Video Library and Document Download Center on www.foredom.net

NEW Work Bench System

Jewelers, carvers, and precision fabricators have a new way to work in an organized, well-lit environment!

The Freedom Work Bench System is a quality designed and manufactured modular system for lighting a work space and organizing small bench tools and accessories. Our new MAMH-13 double motor hanger with screw-in base mount and spring safety clips is the central component of the system.

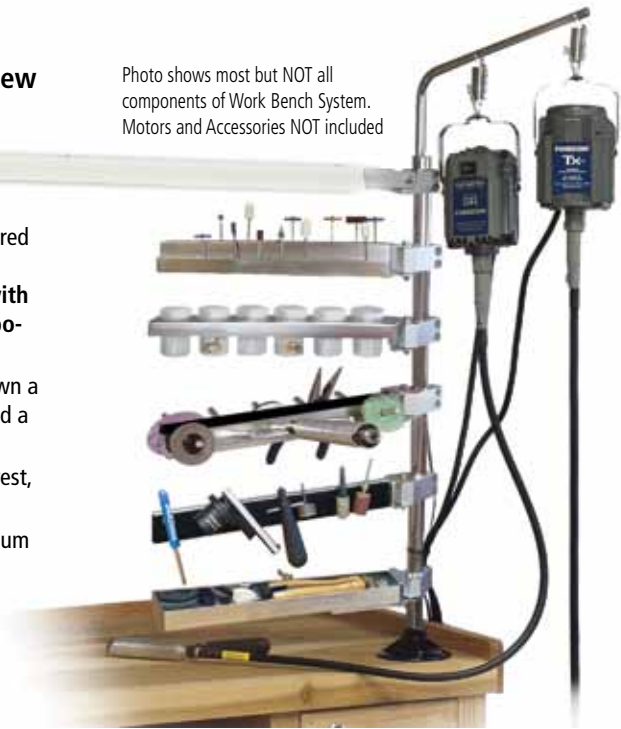
Alternative support rods can also be installed for users who already own a motor hanger, work with non-flexible shaft tools, or just want and need a great method to set up their work space.

All components, including a unique pivoting LED light bar, handpiece rest, and 6 styles of swinging storage arms fit these rods.

Components are made of brushed stainless steel and anodized aluminum with uniform mounting brackets.

Keep small tools and accessories in reach when you need them and out of the way when you don't!

Photo shows most but NOT all components of Work Bench System. Motors and Accessories NOT included



All Components Available Separately:

MAMH-13 \$59



Dual Motor Hanger

Features a 25-3/4" long x .875" diameter upright rod and angled extension rod with two spring safety clips for holding one or two motors. It comes with the MABC-3 Base Mounting Plate and wood screws for attaching to any bench top. The angled extension rod height can be adjusted so that motors hang at just the right height above your workpiece. Height adjusts from 30" – 49". 4.3 lb packaged wt

Component Arms Featured on Next Page

MAAM-L \$42



25-3/4" Support Rod

25-3/4" long x .875" dia. upright rod for holding components of the Work Bench System. Includes MABC-3 Mounting Plate and wood screws. Ideal for users who already have a motor hanger.

MAAM-S \$39



17-3/4" Support Rod

17-3/4" long x .875" dia. upright rod for holding components of the Work Bench System. Includes MABC-3 Mounting Plate and wood screws. Ideal for users who already have a motor hanger.

MALB-1 \$139



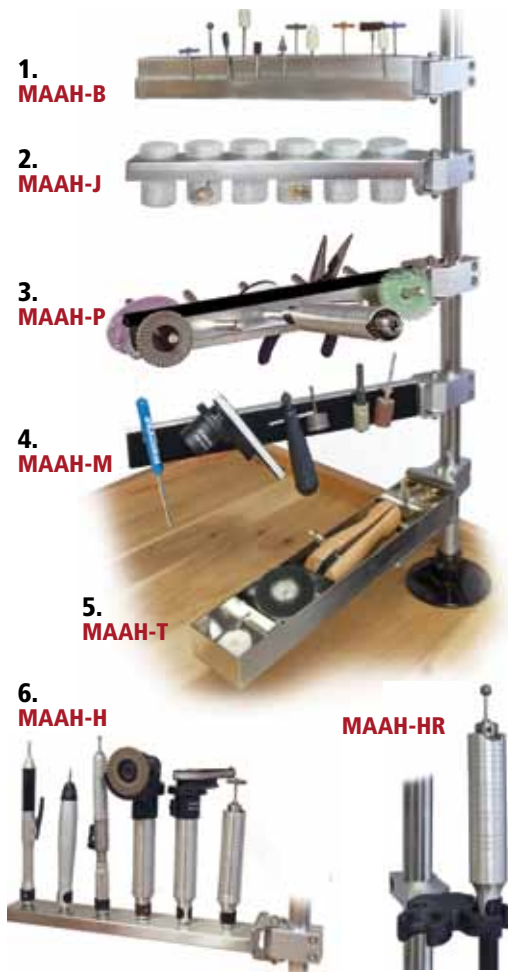
LED Light Bar

Designed to illuminate an entire work surface, this unique, 31-1/2" long light is 'ON' in the horizontal position and 'OFF' when pivoted 90° upright. It has an adjustable height mounting bracket for use with the MAMH-13 Motor Hanger, but can be installed on two other component support rods (shown at left). Alternate rods are great for users who already own a motor hanger, work with micromotors and other non-flex shaft tools. It has an integrated cord set that connects to a separate adapter/transformer which, in turn, plugs into an electrical outlet. The Shade comes mounted for right handed users and can be unscrewed and flipped for left hand use. **Specifications:** 31-1/2 (80cm) long, 630 Lumens, 9 Watt, 24 Volt DC, 115 or 230 Volt 50/60 Hz, 8.5 lb packaged wt

Universal Voltage Light works on any voltage from 100V to 240V. Plug Adapters are available at no added charge when ordering for use where 110V – 120V is not available. See Plug Adapters on bottom of page 15 and specify when ordering.

The Work Bench System features 6 styles of Component Arms that attach to the MAMH-13 hanger and two alternate support rods (shown on opposite page). The different arms meet the varied needs people have for organizing. Arms are 12" long and swing 180° horizontally to keep small tools and accessories in reach when you need them and out of the way when you don't. A Dual Handpiece Rest for holding 2 flex shaft handpieces also fits the rods and comes separately.

- 1. Bur Holder Arm MAAH-B \$69**
Stores and organizes up to 95 rotary accessories with 3/32" and 1/8" shanks. Top tier holds 57 burs with 3/32" shanks, Bottom tier holds 38 burs with 1/8" shanks. Arm: 12" l x 2" w x 1-1/4" h (30cm x 5cm x 3cm), 2.5 lb packaged wt
 - 2. Jar Arm MAAH-J \$55**
Stores and organizes beads, jump rings, clasps and many other types of small items in 6- 1.35 oz. (40ml) plastic jars with screw on tops. Jars are 1-1/2" (3.18cm) in diameter and 2-1/8" deep (55mm). Arm: 12" l x 2" w x 2-1/2" h (30cm x 5cm x 6cm), 1.7 lb packaged wt. Additional jars available separately. See below.
 - 3. Peg Arm MAAH-P \$69**
Has 10 angled, screw-on pegs that hold wheels, discs, handpieces, and more. Use to hang saw frames, store pliers, tweezers, etc. on non-scratch felt upper edge. 5 Pegs on each side are 1-1/2" long x 5/16" in diameter (3.7cm x 0.8cm). Arm: 12" l x 4" w x 1-1/2" h (30cm x 10.2cm x 3.7cm), 1.9 lb packaged wt
 - 4. Magnetic Arm MAAH-M \$109**
Has super strong magnetic hold and non-scratch felt surface on both sides. Securely holds various accessories and small metal tools. Please Note: This arm can magnetize tools. Arm: 12" l x 1/2" w x 1-1/2" h (30cm x 1.2cm x 3.7cm), 2.6 lb packaged wt
 - 5. Tray Arm MAAH-T \$59**
Has 3 movable partitions to store and organize various accessories and small tools. Arm: 12" l x 2-1/4" w x 1-1/4" h (30cm x 5.8cm x 3cm), 2.6 lb packaged wt
 - 6. Multi Handpiece Arm MAAH-H \$75**
Has pegs to store and organize six handpieces. Arm: 12" l x 2-1/4" w x 1-1/4" h (30cm x 5.8cm x 3cm), 1.7 lb packaged wt
- Dual Handpiece Rest MAAH-HR \$29**
Holds two flex shaft handpieces. Dimensions: 5-1/4" l x 3-1/4" w x 1-1/2" h (13.3cm x 8.3cm x 3.8cm), 1.1 lb packaged wt



Replacement Components:

| Description | Part No. | Price | Description | Part No. | Price |
|--------------------------|----------|--------|---|----------|--------|
| Adapter Plug for light | UAL018 | \$39 | 40ml Plastic Jar with Cap | MAJAR | \$1.50 |
| Light Shade | UAL013 | \$7 | 40ml Plastic Jars with Cap, 6pk | MAJAR-6 | \$ 8 |
| LED Light Strip | UAL007 | \$59 | 4mm Head Hex Screw to tighten arms onto rod | UAL302 | \$.50 |
| Motor Hanger Spring Hook | UAL015 | \$4.80 | | | |
| Base Mounting Plate | MABC-3 | \$17 | | | |

All Work Bench System Components have uniform mounting brackets that attach to the MAMH-13 Motor Hanger Rod and Alternate Support Rods. Components CANNOT be used with MAMH-1 or MAMH-2 Motor Hangers shown on next page.

AllSet® for Stone Setting- H.30® Handpiece Attachment

The AllSet Kit increases the accuracy, precision and speed of stone setting production. Jewelers have reduced the time spent setting stones by 75 percent with AllSet! A setting that might take up to 8 hours by hand can be done in just 2- 2-1/2 hrs.

The AllSet Basic Guide Assembly is a patented, lightweight attachment that becomes part of a Freedom H.30® handpiece and provides precise, repeatable, easy-to-perform setting results. AllSet kits and components are quality manufactured in the USA of highly durable materials. They are versatile tools that stand up to multiple demands and configurations. All of the cutting guides are made of the highest quality stainless steel for a clean finish and a long, rust-free life.



AllSet® Master Stone Setting Kits

- Includes: **AK820 \$545**
H.30® Handpiece & Chuck Key, AllSet Basic Guide Assembly: L-bracket with shaft, body, collar and allen key. * 13 Prong-Setting Guides * 3 Channel-Setting Guides * 7 Pavé-Setting Guides * Easy-Cut Prong Set, Extra L-bracket for quick guide change, Instructional DVD & manual
Same as AK820 but does NOT include H.30® and Chuck Key **AK825 \$477**
Same as AK820 but with H.30SJ Slip Joint Handpiece in place of H30® **AK820SJ \$545**
AllSet Basic Guide Assembly: **AS6850 \$99**
L-bracket with shaft, body, collar, and allen key.

A-DVD125 No Charge
30 minute DVD by co-inventor, Jeff Mathews, comes in master stone setting kits and is available separately.



One Year Limited Warranty on AllSet Attachments

