



# FOREDOM®

## Power Tools & Rotary Accessories 2019



# Flex Shaft Motor Features and Specifications

	Series SR page 4	Series TX page 6	Series LX page 8	PGX PowerGraver page 19
Performance	Most popular motor has the power and speed needed for most jobs without stalling or slowing down while under normal load. Runs in both Forward and Reverse.	Extra power / torque for the most demanding work— hogging out large quantities of wood or porting engines. Offers excellent control of the cutting tool, drill, or bur under load.	Most powerful at low speeds (max speed is 5,000 RPM) even more than Series TX at the low end. Ideal for low speed jobs: stone setting, wax modeling, drilling and chisel carving.	PowerGraver is part of a unique system with shaft, speed controls and handpiece designed for power stone setting, engraving and texturing.
Horsepower*	1/6 HP*	1/3 HP*	1/10 HP*	1/20 HP*
Maximum Speed	18,000 RPM	15,000 RPM	5,000 RPM	2,800 RPM
Rotation	Forward & Reverse	Forward	Forward	Forward
Ball Bearing Motor Type	Universal	Permanent Magnet	Permanent Magnet	Permanent Magnet
Compatible Speed Controls	<b>115V:</b> C.FCT-1, C.SCT-1, C.EM-1, C.EMF-1 <b>230V:</b> C.FCH-2, C.SCH-2, C.EMH-2, C.EMHF-2, C.FCT-21CE, C.FCT-22CE page 5	<b>115V ONLY</b> C.TXR-1, C.SXR-1, C.EMX-1, C.EMXF-1 page 7	<b>115V:</b> C.TXR-1, C.SXR-1, C.EMX-1 <b>230V:</b> C.TXR-2, C.SXR-2, C.EMX-2 page 7	<b>115V:</b> C.EMGX-1 <b>230V:</b> C.EMGX-2 page 19
Voltage‡	115V & 230V Single Phase See ‡ at right	115V ONLY Single Phase	115V & 230V Single Phase See ‡ at right	115V & 230V Single Phase See ‡ at right
Amp/Watt	<b>115V:</b> 1.7 Amp ac <b>230V:</b> .9 Amp ac 125 Watt	<b>115V:</b> 3.5 Amp ac 250 Watt	<b>115V:</b> 1.2 Amp ac <b>230V:</b> .6 Amp ac 75 Watt	<b>115V:</b> 1.2 Amp ac <b>230V:</b> .6 Amp ac 40 Watt
Noise Level	68 Decibels	68 Decibels	68 Decibels	68 Decibels

**All Foredom Motor & Speed Control Combinations come with a 2-Year Limited Warranty**

**\* Horsepower**— Foredom motors are rated at continuous duty or maximum efficiency under load and NOT maximum output. If we adopted the maximum output rating used by other manufacturers, Series SR motors would qualify as 1/5 HP or 1/4 HP, Series TX would be considered 1/2 HP, and all of our other motors would have higher horsepower ratings.

**‡ Voltage:**  
**110-120V vs. 220-240V**— The performance of 115V & 230V machines in this catalog are identical. 230V machines are solely intended for use in areas where 110V – 120V power is not available.

## Flexible Shafts for the Motors listed above

Replacement shafts and sheaths are listed on page 19

### Key Tip – standard



**85% of Foredom Flexible Shaft Machines use a 39" long Key Tip Shaft.** Foredom offers 17 handpieces to fit these shafts. Key Tip shafts are made to handle most types of work from jewelry fabrication and woodcarving to industrial use. A Foredom motor is built to industrial standards and when compared to a hand-held grinder or other Dremel®-type rotary tools, it consistently offers more power and performance.

### Square Drive – heavier



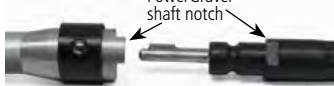
Foredom motors equipped with square drive shafts and thicker protective sheaths have a letter 'H' added to the model name (SRH or TXH, etc.). **The motor is identical.** Square drive shafting is thicker, less flexible, usually 63" long and can connect to 4 Square Drive handpieces. Few applications require square drive shafting with a torsional breaking point of 50 in.-lb. (compared with 24 in.-lb. for key tip shafting). For unusually large or difficult jobs, square drive shafting may be a good choice.

### Slip Joint – European



**Slip Joint Shafts are mostly used in Europe.** Foredom motors equipped with Slip Joint Shafts and sheaths have a letter 'J' added to the model name (SRJ or LXJ, etc.). **The motor is identical.** Since Foredom motors are used worldwide we offer shafting with this European-style connection method and a choice of 7 handpieces that connect with the slip joint.

### PowerGraver Sheath – unique



**The PowerGraver is in a class of its own!** It uses a standard 39" Key Tip Inner Shaft (p/n S-93) but requires a unique Neoprene Outer Sheath (p/n S-76N) for Connecting to a H.9D PowerGraver Handpiece. As listed above, it has 1/20 horsepower and runs at a maximum speed of 2,800 RPM.



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# 1/6 HP Series SR Motors

dimensions on page 82

**M.SR**  
**Hang-up Motor / Speed Control**  
Combinations with standard  
39" long key tip shafting

**M.SR-FCT\*** \$249.60  
foot control in plastic housing

**M.SR-SCT\*** 284.96  
foot control in metal housing

**M.SR-EM** 284.96  
bench-top dial control

\*CSA Listed.

standard  
key tip  
shafting

## Series SR is the best choice for most of the work a flex shaft can do.

**Powerful**— 1/6 HP, ball bearing Series SR and SRH run up to 18,000 RPM with the power needed to accomplish most jobs on nearly any material – without stalling or slowing down while under normal load.

**Reversible**— for symmetry, left-handed users and maximizing longevity and usefulness of many rotary accessories. Not *all* rotary tools can run in reverse.

**Durable**— Freedom motors and speed controls have a 2-year warranty and can last for decades. Supplies to maintain them are on pages 26-28.

**Motor-Speed Control Combination Prices are shown here.**  
M.SRM and M.SRMH have built-in dial speed controls.

**M.SRH**  
**Hang-up Motor / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath  
**M.SRH-FCT\*** \$275.60  
foot control in plastic housing

**M.SRH-SCT\*** 310.96  
foot control in metal housing

**M.SRH-EM** 310.96  
bench-top dial control

\*CSA Listed.

**M.SRH**  
is the same  
motor with heavier,  
square drive shafts  
for large scale, more  
demanding jobs.

square drive  
shafting

**M.SRB**  
**Bench Style / Speed Control**  
Combinations with standard  
39" long key tip shafting

**M.SRB-FCT\*** \$280.80  
foot control in plastic housing

**M.SRB-SCT\*** 316.16  
foot control in metal housing

**M.SRB-EM** 316.16  
bench-top dial control

\*CSA Listed.

**M.SRM**  
**Bench Style with  
Built-in Speed Control**  
and standard 39" long key tip shafting  
**M.SRM** \$290.16

**Speed Controls for Series SR Motors**— are on the opposite page.

**Shafting**— Different length shafting (shafts & sheaths), including non-conductive, various lengths and slip joint versions are available separately, see page 26.

**Handpieces**— a wide choice of key tip compatible handpieces are available to use with standard 39" long key tip shafting. Pages 9-11.  
Choice of 4 handpieces (page 12) to fit the square drive shafts- shown below.

**All models listed are 115 V.** Many 230 V models are available at the same price, 230 V CE compliant Motor-Speed Control combination costs are slightly higher.

**M.SRBH**  
**Bench Style / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath  
**M.SRBH-FCT\*** \$306.80  
foot control in plastic housing

**M.SRBH-SCT\*** 342.16  
foot control in metal housing

**M.SRBH-EM** 342.16  
bench-top dial control

\*CSA Listed.

**M.SRMH**  
**Bench Style with  
Built-in Speed Control**  
and square drive 63" long, square drive shaft  
and heavier sheath  
**M.SRMH** \$316.16

Order by Part Number Shown in Red

# Speed Controls for Series SR Motors

Speed controls have 2 cords coming off the back. The 15" short cord accepts the motor plug, and the longer 6' cord connects to a power outlet.

## Variable Speed

**\$38.48** **C.FCT-1** 115 V, 4 Amp, 60 Hz CSA listed  
**C.FCH-2** 230 V, 3 Amp, 50 Hz

Foredom's most popular variable speed control in a sturdy plastic housing with wide footprint and non-skid pads on the bottom. Provides smooth control from low to maximum speed.

7-1/4" long, 4-1/2" wide, 2-1/2" high  
 2 lb/1 kg packaged weight

**\$74.88** **C.SCT-1** 115 V, 4 Amp, 60 Hz CSA listed  
**C.SCH-2** 230 V, 3 Amp, 50 Hz

Offers the same electronics and smooth control as C.FCT but housed in cast iron.

7" long, 5" wide, 2-1/2" high  
 6 lb/2.7 kg packaged weight

**\$88.40** **C.EM-1** 115 V, 3 Amp, 60 Hz CSA listed  
**C.EMH-2** 230 V, 3 Amp, 50 Hz

Bench top control in plastic housing with variable speed dial makes it easy to maintain and return to a desired speed.

5" long, 5-7/8" wide, 2-3/4" high  
 2 lb/1 kg packaged weight

**\$102.96** **C.EMF-1** 115 V, 3 Amp, 60 Hz  
**C.EMHF-2** 230 V, 3 Amp, 50 Hz

Dual speed range, variable speed bench top control with LO / OFF / HI rocker switch. LO restricts motor speed from 1,000-10,000 RPM, for use with H.15 and H.50 reciprocating handpieces, and lower speed uses. HI permits full motor speed range.

5" long, 5-7/8" wide, 2-3/4" high  
 2 lb/1 kg packaged weight

**\$74.88** **C.FCT-21CE** United Kingdom  
 230 V, 3 Amp, 50 Hz

**C.FCT-22CE**  
 Continental European  
 230 V, 3 Amp, 50 Hz

230 V CE Compliant variable speed foot controls with UK or Continental European plugs. 230V Series SR motors used with these controls meet all CE electrical and safety requirements.

7-1/4" long, 4-1/2" wide, 2-1/2" high,  
 2 lb/1 kg packaged weight

## Speed Controls for Old & Discontinued Motors:

CC, DD, EE, GG, S, SB, 1/8HP SR, SRB, L, LB, JJ, & F (115V): C.FCT-1, C.SCT-1 & C.EM-1.

CC, DD, EE, GG, S, SB 1/8HP SR, SRB, L, LB, PG, JJ & K Motors (230V): C.FCT-2, C.SCT-2, & C.EM-2.

Series H Motors (115V): C.FCH-1 (\$38.48), C.SCH-1 (\$74.88) & C.EMH-1 (\$88.40).

Series H Motors (230V): C.FCH-2, C.SCH-2, and C.EMH-2.

Speed Controls for R Motors are no longer available.



**Foredom flex shaft motors require a variable speed control to work properly.**

**Many 115 & 220 Volt motor -control combinations are priced the same. Specify Plug Options for 230 Volt**

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red.

For example: **M.SRB-SCH-26** for Australia



**230 V CE compliant Motor-Speed Control combinations costs are higher than non-CE 230 Volt versions.**

**Hang-Up Motor with Key Tip Shaft & Speed Control**

**M.SR-21CE** \$286 (UK Plug)

**M.SR-22CE** \$286 (Continental Europe)

**Hang-Up Motor with Square Drive Shaft & Speed Control**

**M.SRH-21CE** \$312 (UK Plug)

**M.SRH-22CE** \$312 (Continental Europe)

**Hang-Up Motor with Slip Joint Shaft & Speed Control**

**M.SRJ-21CE** \$286 (UK Plug)

**M.SRJ-22CE** \$286 (Continental Europe)

**An On/Off Foot Switch, sometimes called a 'dead man switch', stops the power to the machine as soon as the user's foot pressure stops.**

## On/Off Foot Switch

**\$38.48** **C.FCG** 115 V, 4 Amp, 60 Hz  
**C.FCG-2** 230 V, 3 Amp, 50 Hz

Use **C.FCG** with motors M.SR (and discontinued M.PG & M.L) to turn the tool on at full speed and sustain it or off without using your hand. Connect the variable speed plug to the On/Off Foot Switch and plug the On/Off Foot Switch into a power outlet. **When using the On/Off Foot Switch with a Foredom motor, it is strongly recommended that it be used in addition to a variable speed dial control.**

Also for scroll saws, drill presses, and other stationary power tools rated 1/3 HP, 6 Amp max. motors. Includes 18" cord with receptacle plug and 6' cord with 3-prong plug.

Use **C.FCG-2** with 230 V M.SR-2 (and discontinued M.PG-2).

7-1/4" long, 4-1/2" wide, 2-1/2" high,  
 2 lb/1 kg packaged weight



# 1/3 HP Series TX Motors 115 Volt ONLY

dimensions on page 82

**M.TX**  
**Hang-up Motor / Speed Control**  
Combinations with standard  
39" long key tip shafting  
**M.TX-TXR** \$322.40  
foot control in plastic housing

**M.TX-SXR** 353.60  
foot control in metal housing

**M.TX-EMX** 353.60  
bench-top dial control

standard  
key tip  
shafting

**M.TXB**  
**Bench Style / Speed Control**  
Combinations with standard  
39" long key tip shafting

**M.TXB-TXR** \$353.60  
foot control in plastic housing

**M.TXB-SXR** 384.80  
foot control in metal housing

**M.TXB-EMX** 384.80  
bench-top dial control

**M.TXM**  
**Bench Style with  
Built-in Speed Control**  
and standard 39" long key tip shafting  
**M.TXM** \$358.80

## Series TX has extra power and torque for the most demanding work.

**Powerful**— The 1/3 HP, ball bearing TX motors deliver excellent field strength throughout the speed range of 500 – 15,000 RPM with great control of the cutting tool, drill, or bur under load. This permanent magnet DC motor has advanced rare earth magnets in place of wire wound fields found in other motors. Made for hogging out large quantities of wood or porting engines.

**Durable**— Freedom motors and speed controls have a 2-year warranty and can last for decades. Supplies to maintain them are on pages 26-28.

**Motor-Speed Control Combination Prices are shown here.**  
M.TXM and M.TXMH have built-in dial speed controls.

**Speed Controls**— Permanent magnet motors require the either a C.TXR, C.SXR, or C.EMX speed control. Damage will result if the motor is connected to any other control or directly to the AC line. See opposite page.

**Shafting**— Different length shafting (shafts & sheaths), including non-conductive, various lengths and slip joint versions are available separately, see page 26.

**Handpieces**— a wide choice of key tip compatible handpieces are available to use with standard 39" long key tip shafting. Pages 9-11.

Choice of 4 handpieces (page 12) to fit the square drive shafts- shown below.

**All models listed are 115V ONLY.**

**M.TXH**  
**Hang-up Motor / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath  
**M.TXH-TXR** \$348.40  
foot control in plastic housing

**M.TXH-SXR** 379.60  
foot control in metal housing

**M.TXH-EMX** 379.60  
bench-top dial control

**M.TXH**  
is the same  
motor with heavier,  
square drive shafts  
for large scale, more  
demanding jobs.

square drive  
shafting

**M.TXBH**  
**Bench Style / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath

**M.TXBH-TXR** \$379.60  
foot control in plastic housing

**M.TXBH-SXR** 410.80  
foot control in metal housing

**M.TXBH-EMX** 410.80  
bench-top dial control

**M.TXMH**  
**Bench Style with  
Built-in Speed Control**  
and square drive 63" long, square drive shaft  
and heavier sheath  
**M.TXMH** \$384.80

# Speed Controls for Series TX & LX Motors

Speed controls have two cords coming off the back. The 15" short cord accepts the motor plug, and the longer 6' cord connects to a power outlet.

## Variable Speed

**C.TXR-1** 115 V, 4 Amp, 60 Hz  
for both Series TX or LX

**\$59.28** **C.TXR-2** 230 V, for Series LX Only  
3 Amp, 50 Hz

Foredom's most popular variable speed control for permanent magnet motors in sturdy plastic housing with wide footprint and non-skid pads on the bottom. Provides smooth control from low to maximum speed.

7-1/4" long, 4-1/2" wide, 2-1/2" high  
2 lb/1 kg packaged weight



**C.SXR-1** 115 V, 4 Amp, 60 Hz  
for both Series TX or LX

**\$91.52** **C.SXR-2** 230 V, for Series LX Only  
3 Amp, 50 Hz

Offers the same electronics for permanent magnet motors and smooth control as C.TXR but is housed in cast iron.

7" long, 5" wide, 2-1/2" high  
6 lb/2.7 kg packaged weight



**C.EMX-1** 115 V, 3 Amp, 60 Hz  
for both Series TX or LX

**\$91.52** **C.EMX-2** 230 V, for Series LX Only  
3 Amp, 50 Hz

Bench top control for permanent magnet motors in plastic housing with variable speed dial makes it easy to maintain and return to a desired speed.

5" long, 5-7/8" wide, 2-3/4" high  
2 lb/1 kg packaged weight



**C.EMXF-1** 115 V, 3 Amp, 60 Hz  
for both Series TX or LX

**\$102.96** **C.EMXF-2** 230 V, for Series LX Only  
3 Amp, 50 Hz

Dual speed range, variable speed bench top control for permanent magnet motors with LO / OFF / HI rocker switch. LO restricts motor speed from 1,000-10,000 RPM, for use with H.15 and H.50 reciprocating handpieces, and lower speed uses. HI permits full motor speed range.

5" long, 5-7/8" wide, 2-3/4" high  
2 lb/1 kg packaged weight



**Foredom Permanent Magnet flexible shaft motors TX and LX require speed controls that convert AC current to DC. Damage will result if these motors are connected to a wall outlet or if other speed controls – such as those for M.SR motors – are used.**

**230 Volt Plug Options for Series LX motor controls** with power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. 230 V prices are the same as 115 V.



**An On/Off Foot Switch, sometimes called a 'dead man switch', stops the power to the machine as soon as the user's foot pressure stops.**

## On/Off Foot Switch

**C.FCGX-1** 115 V, 4 Amp, 60 Hz  
for Series TX, LX or M.PGX

**\$38.48** **C.FCGX-2** 230 V, 3 Amp, 50 Hz  
230 V Not for use with Series TX

Use C.FCGX with motors M.TX, M.LX and M.PGX PowerGraver system to turn the tool on at full speed and sustain it or off without using your hand. **When using the On/Off Foot Switch with a Foredom Motor, it is strongly recommended that it be used in addition to a variable speed dial control.** Connect the variable speed plug to the On/Off Foot Switch and plug the On/Off Foot Switch into a power outlet.

Also for scroll saws, drill presses, and other stationary power tools rated 1/3 HP and 6 Amp max. motors. Includes 18" cord with receptacle plug and 6' cord with 3-prong plug.

7-1/4" long, 4-1/2" wide, 2-1/2" high,  
2 lb/1 kg packaged weight



# 1/10 HP Series LX Motors

dimensions on page 82

**M.LX**  
**Hang-up Motor / Speed Control**  
Combinations with standard  
39" long key tip shafting

**M.LX-TXR** \$296.40  
foot control in plastic housing

**M.LX-SXR** 327.60  
foot control in metal housing

**M.LX-EMX** 327.60  
bench-top dial control

standard  
key tip  
shafting

## Series LX has the most power at startup to 5,000 RPMs – its maximum speed.

**Powerful**— The 1/10 HP, ball bearing LX motor is a permanent magnet DC motor with advanced rare earth magnets in place of wire wound fields in other motors. It is Foredom's most powerful motor with better low-speed torque than either the M.SR or M.TX. The LX motor's maximum speed is 5,000 RPM. Ideal for low speed jobs like stone setting, wax modeling, drilling and chisel carving

**Durable**— Foredom motors and speed controls have a 2-year warranty and can last for decades. Supplies to maintain them are on pages 26-28.

**Motor-Speed Control Combination Prices are shown here.**  
M.LXM and M.LXMH have built-in dial speed controls.

**Speed Controls**— Permanent magnet motors require the either a C.TXR, C.SXR, or C.EMX speed control. Damage will result if the motor is connected to any other control or directly to the AC line. See previous page.

**Shafting**— Different length shafting (shafts & sheaths), including non-conductive, various lengths and slip joint versions are available separately, see page 26.

**Handpieces**— a wide choice of key tip compatible handpieces are available to use with standard 39" long key tip shafting. Pages 9-11.

Choice of 4 handpieces (page 12) to fit the square drive shafts- shown below.

**LX Motors are available in 115 or 230 Volt.**

**M.LXH**  
**Hang-up Motor / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath  
**M.LXH-TXR** \$322.40  
foot control in plastic housing

**M.LXH-SXR** 353.60  
foot control in metal housing

**M.LXH-EMX** 353.60  
bench-top dial control

**M.LXH**  
**is the same**  
**motor with heavier,**  
**square drive shafts**  
**for large scale, more**  
**demanding jobs.**

square drive  
shafting

**M.LXB**  
**Bench Style / Speed Control**  
Combinations with standard  
39" long key tip shafting

**M.LXB-TXR** \$327.60  
foot control in plastic housing

**M.LXB-SXR** 358.80  
foot control in metal housing

**M.LXB-EMX** 358.80  
bench-top dial control

**M.LXM**  
**Bench Style with**  
**Built-in Speed Control**  
and standard 39" long key tip shafting

**M.LXM** \$332.80

**M.LXBH**  
**Bench Style / Speed Control**  
Combinations with square drive 63" long,  
square drive shaft and heavier sheath

**M.LXBH-TXR** \$353.60  
foot control in plastic housing

**M.LXBH-SXR** 384.80  
foot control in metal housing

**M.TXBH-EMX** 384.80  
bench-top dial control

**M.LXMH**  
**Bench Style with**  
**Built-in Speed Control**  
and square drive 63" long, square drive shaft  
and heavier sheath

**M.LXMH** \$358.80

# Handpieces for Key Tip Shafts



## Handpieces are the hand-held part of a flexible shaft machine. (motor-speed control + handpiece).

Standard Key Tip Shafts are found on most ForeDom Flex Shaft Machines and they connect to ForeDom's widest selection of handpieces.

Chuck and Collet style handpieces on this page are the most widely used. Made for precision and continuous use, their pre-lubricated ball bearings never require any additional lubrication.

Order by Part Number Shown in Red



### Wrench Included with Collet Style Handpieces

**\$3.64** when purchased separately

**HP103117** 1/2" Pin & Chuck Wrench for H.44T, H.44T-E & H.43T

**HP10588** 11/32" Pin & Chuck Wrench for H.28

**HP10586** 11/32" Wrench Assembly for H.8



## With a Collet Adapter you can change to a smaller shank size bur or drill without changing the collet – saving time & effort.

Fits inside a collet and allows the use of smaller shank size accessories. **\$16.95 ea.**



**HPL4-3233** 3/32" to 1/16"

**HPL4-3234** 1/8" to 1/16"

**HPL4-3235** 3.0mm to 3/32"

**HPL4-3236** 1/8" to 3/32"

**HPL4-3237** 3.0mm to 1.6mm



**H.30®**



**H.30-C2**



## ForeDom's most widely used handpiece: Chuck-style H.30®

**\$72.80** **H.30®** / Silver  
**H.30-C2** / Blue

5-3/16" long, 1" diameter, 5.85 oz, 9.1 oz packaged weight

The precision geared 3-jaw #0 chuck accepts any size shank accessory or drill bit up to a 5/32"(4mm) diameter. H.30® Handpieces have permanently lubricated, shielded ball bearings, are used by most jewelers and are versatile enough for anyone with a flex shaft motor. A choice of bench top tools and attachments make use of the H.30® – Drill Press, 2" Angle Grinder, Belt Sander, Wolf Wax Trimmers and Flex Shaft Handpiece Holder pages 29-31.

**Includes:** **HPCK-0** chuck key with plastic grip. (**\$6.24** when purchased separately)



**H.44T**  
or **H.44T-E**



**H.43T**

## These collet-style handpieces can hold burs with shank sizes up to 1/4" in diameter. Each includes 3 different size collets, pin & wrench for tightening and loosening.

**\$68.64**

**H.44T** 5-5/8" long, 1" diameter -center, 3/4" diameter -taper, 5.85 oz, 8.6 oz pkg. wt. Includes collet sizes: 3/32" (2.35mm), 1/8" (3.18mm) & 1/4" (6.4mm) installed.

**H.44T-E** Metric version of H.44T, 5-5/8" long, 1" diameter -center, 3/4" diameter -taper, 5.85 oz, 8.6 oz pkg. wt. Includes collet sizes: 6mm installed, 3mm & 2.35mm.

**H.43T** 4-5/8" long, 1" diameter -center, 3/4" diameter -taper, 4.9 oz, 7.75 oz pkg. wt. H.43T is short enough to fit into some very tight spaces – like ski boots. Includes collet sizes: 3/32" (2.35mm), 1/8" (3.18mm) & 1/4" (6.4mm) installed.

H.44T and H.44T-E can also be used in ForeDom's drill press, page 29.

More collet sizes are available in Collet Set HP440 and individually, page 28.



**H.28**



**H.8**

## Slim, collet-style handpieces are great for narrow areas or smaller hands. They include 2 collets: 1/8" and 3/32", and a pin & wrench for tightening and loosening.

**H.28** **\$68.64** 5-1/4" long, 23/32" diameter -center, 1/2" diameter -taper, 3 oz, 4.35 oz pkg. wt.

H.28 is a narrow version of H.44T and similar handpieces. Includes collet sizes: 3/32" (2.35mm) installed and 1/8" (3.18mm).

**H.8** **\$82.16** 6-1/8" long, 5/8" diameter -center, 3.55 oz, 5.1 oz pkg. wt.

H.8 has a chuck guard that slides back for collet changes. Includes collet sizes: 3/32" (2.35mm) installed and 1/8" (3.18mm).

More collet sizes are available in Collet Set HP600 and individually, page 28.

# Quick Change & Special Use Handpieces for Key Tip Shafts



**H.18 \$156** 7" long, 19/32" diameter, 3.65 oz, 4.45 oz pkg wt  
Foredom's premier Quick Change handpiece features a super slim grip and lever that opens the collet when it is pressed and locks the collet when released. Removing and cleaning of the precision collet is easy to do. Replacement Collet HP703, page 28.



**H.20 \$95.68** 5-5/8" long, 7/8" diameter-center, 3/8" diameter-front taper, 4 oz, 5.0 oz pkg wt.  
H.20 is a very popular Quick Change handpiece with molded plastic front grip with tapered sides for easy and close handling. The lever rotates 90° to insert an accessory and locks the bur in when returned to its original position. Replacement Collet HP3-1008, page 28.



**H.10 \$290.16** 7-3/8" long, 21/32" diameter, 4.55 oz, 5.5 oz pkg wt.  
Slim, Quick Change handpiece's lever rotates 180° to insert an accessory, and locks the bur in when returned to its original position. Favored by many stone setters, H.10 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, page 28.

**Extremely precise & durable for continuous production.**



**H.25 \$171.60** 5-1/4" long, 1-1/32" diameter, 7.15 oz, 9.6 oz pkg wt.  
Includes collet sizes: 1/8" (3.18mm)—installed and 1/4" (6.4mm), and pin and chuck wrench.

**All Foredom handpieces are made to industrial standards – H.25 has even tighter tolerances.** Run-out is 0.003" measured 3/4" out from end of chuck or collet. This collet-style handpiece has aircraft-grade, double shielded ball bearings and a heavier housing. Other fractional and metric collets are available separately and in Collet Set HP103000, page 28.

**Jewelers use the Hammer Handpiece for stone setting and decorative work.**



**H.15 \$149.76** 6-1/4" long, 1/4" diameter at tip, 3.65 oz, 4.85 oz pkg wt.  
Includes HP10177 Anvil Point (shown at right) and installing pin.  
Reciprocating handpiece makes a 1/32" hammer stroke. Impact force adjusts from light to heavy by turning the silver knurled ring. Use only at low speeds (0-5,000 RPM) in forward rotation. MS10005 Handpiece Lube for lubrication, page 27. Additional points page 76.

**Chisel: wood, plastic, plaster & soft carving stone.**



**H.50C \$86.32** with 6-Chisel Set AKHK550 (shown at right)  
**H.50 \$54.08** No Chisels 6" long, 1" diameter, 4.6 oz, 6.65 oz pkg wt.  
Reciprocating power chisel handpiece has a stroke length of 1/8" (3.2mm) and requires only light pressure. Textured plastic barrel & tapered aluminum front end. Use only at low speeds (1000–8,000 RPM) in forward rotation.  
Use MS10008 Handpiece Lube for periodic lubrication, page 27. Complete chisel selection: page 77.



**Quick Change Handpieces: H.10, H.18 and H.20 have levers for changing burs rapidly.**

**Their collets hold only 2.3mm (3/32") burs.**

**They are preferred by jewelers who make frequent bur changes.**

**IMPORTANT:**  
**For all Quick Change handpieces, keep a bur in the collet at all times to prevent damage to the collet.**

Anvil Point (included)  
**HP10177 \$6.24**  
(if purchased separately)

Pavé Point (optional)  
**A-R15PT \$39.52**  
For special texturing

Carbide Stylus (optional)  
**HP10212 \$39.52**  
For scribing hardened steel

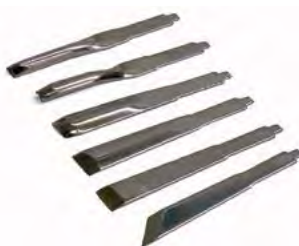
Supplied Anvil Point HP10177, & optional points have threads that are 4-48 US.

**AK101 \$78 6-Pc Anvil Point Kit for Hammer Handpieces**

Comes in a plastic case with cover and a wrench pin. Includes:

<b>HP10171</b>	Ball Nose	3/32" (2.35mm) diameter
<b>HP10172</b>	Fine Point	.015" (.4mm) diameter
<b>HP10173</b>	Square	3/32" (2.35mm)
<b>HP10175</b>	Cylinder	7/32" (6mm) diameter
<b>HP10176</b>	Rectangle	3/32" x 3/16" (2.35mm x 4.8mm)
<b>HP10179</b>	Bezel Rocker	5/16" x 1/16" (8mm x 1.6mm)

Available separately, page 76.



**AKHK550 \$42.64** (if purchased separately)

**6-Chisel Set** details- page 77.

Sweeps: A-KC503, A-KC504, A-KC505

Parting Tool: A-KC506

Single Bevel: A-KC509

Right Skew: A-KC510

# Duplex Spring Handpieces for Key Tip Shafts



**H.8D \$114.40** 9-3/8" long, 5/8" diameter, 5.2 oz, 7.35 oz pkg wt.  
H.8D has a chuck guard that slides back for collet changes. Includes collet sizes: 3/32" (2.35mm) installed and 1/8" (3.18mm) and Wrench Assembly. Other collets available separately, page 28.



**H.10D \$316.16** 10-3/4" long, 21/32" diameter, 5.95 oz, 7.4 oz pkg wt.  
Slim, Quick Change handpiece's lever rotates 180° to insert an accessory, and locks the bur in when returned to its original position. Favored by many stone setters, H.10 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, page 28.



**H.15D \$175.76** 9-5/8" long, 1/4" diameter at tip, 5.2 oz, 7.15 oz pkg wt.  
Reciprocating handpiece makes a 1/32" hammer stroke. Impact force adjusts from light to heavy by turning the silver knurled ring. Use only at low speeds (0-5,000 RPM) in forward rotation. Use MS10005 Handpiece Lube for periodic lubrication, page 27.



**H.18D \$182.00** 10-3/8" long, 19/32" diameter at tip, 5.3 oz, 6.85 oz pkg wt.  
Foredom's premier Quick Change handpiece features a super slim grip and lever that opens the collet when it is pressed and locks the collet when released. Removing and cleaning of the precision collet is easy to do. Replacement Collet HP703, page 28.



**H.20D \$121.68** 10-1/8" long, 7/8" diameter at tip, 5.4 oz, 7.5 oz pkg wt.  
Popular Quick Change handpiece with molded plastic front grip with tapered sides for easy and close handling. The lever rotates 90° to insert an accessory and locks the bur in when returned to its original position. Replacement Collet HP3-1008, page 28.



**Duplex Spring Handpieces provide extra flexibility for more precise control of very delicate work.**

***We recommend that only experienced flex shaft users or those whose work demands added flexibility consider this type of handpiece.***

**IMPORTANT:**  
***Duplex springs and duplex adapters should never be bent more than 30°. Both are subject to breakage and Not covered by warranty.***

The spring drive is made of special double wound, tubular construction steel, with a protective flexible spring cover.

Replacement springs, (HP76), page 28, are available and can be installed by the user.

The duplex spring component requires periodic lubrication with MS10005 Handpiece Lube, page 27.

## Duplex Spring Adapters For key tip and slip joint connection



**HP775 \$61.36** 7-1/2" long, 5/8" diameter, 3 oz, 3.8 oz pkg wt.  
**Key Tip Duplex Adapter** converts any key tip style handpiece, including H.30® and H.44T, into a duplex spring handpiece. Adapter works on these models: H.30, H.30-C1, H.30-C2, H.44T, H.43T, H.28, H.8, H.10, H.15, H.18, and H.20.

**NEVER use with Chisel Handpieces, Angle Grinder or Belt Sander Attachments.**



**HP776 \$82.16** 8-1/2" long, 5/8" diameter, 3.8 oz, 5.2 oz pkg wt.  
**Slip Joint to Key Tip Duplex Adapter** allows a slip joint handpiece to connect to a key tip shaft, and adds a duplex spring to the handpiece. Adapter works on these models: H.8SJ, H.28SJ, H.30SJ, H.44TSJ, H.18SJ, H.20SJ, H.52SJ, and H.15SJ and connects to a key tip shaft.

Experienced jewelers find duplex springs helpful for delicate work.



# Square Drive Handpieces, Shafting and Adapters

**For unusually large or difficult jobs, when a square drive shaft may be a better choice – these are the handpieces to use.**

Foredom Motors sold with square drive shafts and thicker protective sheaths have a letter 'H' added to the model name (SRH or TXH, etc.)

Square drive shafting is thicker, less flexible, usually 63" long and can connect only to Square Drive handpieces.

Certain jobs may demand a torsional breaking point of 50 in.-lb (compared with 24 in.-lb for key tip shafting).

H.25H, H.30H, and H.44HT have locking rings.



**H.28H \$70.72** 5-5/8" long, 23/32" diameter, 1/2" diameter at taper, 3 oz, 5 oz pkg. wt. Includes collet sizes: 3/32" (2.35mm) installed and 1/8" (3.18mm). Slender, collet type with tapered front grip fits into narrow spaces. Other fractional and metric collets are available separately and in Collet Set HP600, page 28.



**H.30H \$78** 5-13/16" long, 1" diameter, 7.2 oz, 10.55 oz pkg. wt. Precision geared 3-jaw #0 chuck accepts any size shank accessory or drill bit up to a 5/32" (4mm) diameter. H.30H Handpieces have permanently lubricated, shielded ball bearings and are versatile enough for anyone with a flex shaft motor equipped with square drive shaft. A choice of bench top tools and attachments make use of the H.30H – Drill Press, 2" Angle Grinder, Belt Sander and Flex Shaft Handpiece Holder pages 29-31.

**Includes: HPCCK-0** chuck key with plastic grip. **\$6.24** when purchased separately



**H.44HT \$78** 6-1/4" long, 1" diameter, 7.4 oz, 9.85 oz pkg. wt. Includes collet sizes: 3/32" (2.35mm), 1/8" (3.18mm) & 1/4" (6.4mm) installed and pin and chuck wrench. Other fractional and metric collets are available separately and in Collet Set HP440, page 28.



**H.25H \$171.60** 6-1/8" long, 1-1/32" diameter, 8.7 oz, 11.35 oz pkg. wt. Includes collet sizes: 1/8" (3.18mm) – installed and 1/4" (6.4mm), and pin and chuck wrench. **All Foredom handpieces are made to industrial standards – H.25H has even tighter tolerances.** Run-out is 0.003" measured 3/4" out from end of chuck or collet. Collet-style handpiece has aircraft-grade, double shielded ball bearings and a heavier housing Plus, this one connects to a square drive shaft. Other fractional and metric collets are available separately and in Collet Set HP103000, page 28.

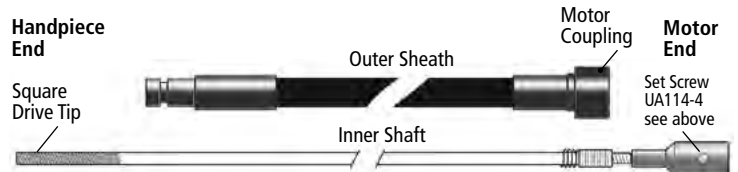


## Square Drive Shafting for Series SRH, TXH, LXH

<b>S-10823</b>	<b>\$19.76</b>	<b>63-3/4"</b> Square Drive Shaft. <b>Supplied</b> on motors listed above.
<b>S-10801TX</b>	<b>\$48.88</b>	<b>63"</b> Square Drive Sheath Assembly. <b>Supplied</b> on motors listed above. Includes SS10819.
<b>SS10819</b>	<b>\$15.60</b>	<b>59-1/2"</b> Silencer Spring for motors listed above.
<b>S-10816TX</b>	<b>\$72.80</b>	<b>Factory Pre-Lubed Assembly:</b> S-10823, S-10801TX with SS10819
<b>S-10801-NC</b>	<b>\$59.28</b>	<b>63-3/8"</b> Optional <b>Non-Conductive</b> Square Drive Sheath Includes SS10819 Silencer
<b>S-10827-NC</b>	<b>\$24.96</b>	<b>63-3/4"</b> Optional <b>Non-Conductive</b> Square Drive Shaft
<b>S-10816-NC</b>	<b>\$88.40</b>	<b>63-3/4"</b> <b>Non-Conductive, Factory Pre-Lubed Assembly:</b> S-10827-NC, S-10801-NC, SS10819
<b>UA114-4</b>	<b>\$4.50</b>	Set Screw 4-pk for standard square drive shafts. See drawing.
<b>UA112-4</b>	<b>\$4.50</b>	Set Screw 4-pk for non-conductive square drive shafts.

## 45-3/4" Optional Shorter Lengths:

<b>S-10805</b>	<b>\$19.76</b>	<b>45-3/4"</b> Square Drive Shaft. Use with S-10802TX
<b>S-10802TX</b>	<b>\$45.76</b>	<b>45"</b> Square Drive Sheath Assembly. Includes SS10822. Use with S-10805
<b>SS10822</b>	<b>\$15.60</b>	<b>41-1/2"</b> Silencer Spring
<b>S-10804TX</b>	<b>\$67.60</b>	<b>45-3/4"</b> <b>Factory Pre-Lubed Assembly</b> S-10805, S-10802TX with SS10822
<b>S-10805-NC</b>	<b>\$21.84</b>	<b>45-3/4"</b> <b>Non-Conductive</b> Square Drive Shaft
<b>S-10802-NC</b>	<b>\$52.00</b>	<b>45"</b> <b>Non-Conductive</b> Square Drive Sheath with SS10822
<b>S-10804-NC</b>	<b>\$78.00</b>	<b>45"</b> <b>Non-Conductive, Factory Pre-Lubed Assembly:</b> S-10805-NC, S-10802-NC with SS10822



## Square Drive Shafting for Discontinued Series H Motors

<b>S-10805</b>	<b>\$19.76</b>	<b>45-3/4"</b> Square Drive Shaft
<b>S-10802A</b>	<b>\$47.84</b>	<b>44-3/8"</b> Square Drive Sheath Assembly. Includes SS10822
<b>SS10822</b>	<b>\$15.60</b>	<b>41-1/2"</b> Silencer Spring
<b>S-10804B</b>	<b>\$72.80</b>	<b>45-3/4"</b> <b>Factory Pre-Lubed Assembly</b> S-10805, S-10802A with SS10822
<b>S-10805/45</b>	<b>\$24.96</b>	<b>Shaft for Older Series H Motors</b> that had square drive tips on BOTH ends and no coupling. Converts connection to a current version with coupling. Use with S-10802A Sheath.

# Slip Joint Handpieces, Shafting and Adapters



**H.30SJ \$72.80** 146mm (5-3/4") long, 25.4mm (1") diameter, 183g, 271g pkg wt  
**Chuck-style**, precision geared 3-jaw #0 chuck with 0-4mm (5/32") capacity, H.30SJ Handpieces have permanently lubricated, shielded ball bearings and include **HPCK-O** chuck key with plastic grip. (\$6.24 if purchased separately). A choice of bench top tools and attachments be used with the H.30SJ— Drill Press, 2" Angle Grinder, Belt Sander and Flex Shaft Handpiece Holder page 29-31.

**A choice of Slip Joint Collet-style handpieces include metric collets and tools for tightening and loosening collets.**

Other fractional and metric collets are available separately page 28.



**H.8SJ \$82.16** Includes 2.35mm (3/32") & 3mm collets, and chuck wrenches. 140mm (5-1/2") long, 16mm (5/8") diameter, 99g, 132g pkg wt.  
 Slender, collet type handpiece with chuck guard fits into narrow spaces.



**H.28SJ \$68.64** Includes 2.35mm (3/32") & 3mm collets, and pin & wrench. 133mm (5-1/4") long, 18mm (23/32") diameter, 13mm (1/2") diameter at taper, 85g, 133g pkg wt  
 Slip joint collet handpiece has tapered front grip.



**H.44TSJ \$68.64** Includes 2.35mm (3/32"), 3mm & 6mm collets, and pin & wrench. 159mm (6-1/4") long, 25.4mm (1") center diameter, 19mm (3/4") taper diameter, 191g, 272g pkg wt. Larger collet capacity with slip joint connection can also be used in Foredom's drill press, page 28.

**Quick Change handpiece collets hold only 2.3mm (3/32") burs which can quickly be changed with a lever.**

**IMPORTANT:** For all Quick Change handpieces, keep a bur in the collet *at all times to prevent damage to the collet.* Replacement Collets, page 28.



**H.20SJ \$95.68** 152mm (6") long, 22mm (7/8") diameter, 84g, 150g pkg wt  
 Popular Quick Change handpiece with plastic front grip and tapered sides for ease of handling. Lever rotates 90° to insert accessories and locks the bur in when returned to its original position.



**H.18SJ \$156.00** 162mm (6-3/8") long, 15mm (19/32") diameter, 102g, 139g pkg wt  
 Foredom's premier Quick Change handpiece has slim grip and lever that opens the collet when it is pressed and locks the collet when released.



**H.15SJ \$149.76** 143mm (5-5/8") long, 6mm (1/4") diameter at tip, 101g, 139g pkg wt Comes with threaded anvil point and pin to tighten point.  
**Reciprocating handpiece makes a 1/32" hammer stroke.** Silver knurled ring adjusts impact. Use only at low speeds (0-5,000 RPM) in forward rotation. Additional anvil points shown on page 76. Use MS10005 Handpiece Lube for periodic lubrication, page 27.

## Foredom's Slip Joint Handpieces fit on European flex shaft machines with "slip joint" connection.

Also available—

• Foredom motors with a slip joint connection:  
 CE Compliant Hang-Up Motor with Slip Joint Shafting and C.FCT-2CE Speed Control

**M.SRJ-21CE \$286** (UK Plug)

**M.SRJ-22CE \$286** (Continental European Plug)

• Factory Pre-Lubricated Conversion Assembly.

• Components such as shaft, sheath or motor connector for Foredom slip joint style flex shaft motors.



## M.SRJ-2 Motor Set with H.30SJ, Slip Joint Shaft and Speed Control

**K.8309-2 \$322.40**

M.SRJ-2-C.FCH-2-H.30SJ (not CE compliant)

M.SRJ-2 Hang-Up Motor, C.FCH-2 Foot Control and a Slip Joint H.30SJ Chuck Handpiece (shown at left above).

**Plug Options for 230 Volt** with power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red:



## European Style Slip Joint Shaft, Sheath, Motor Connector

**S-108141 \$13.52** 93.7cm Slip Joint Shaft with shaft adapter and silencer

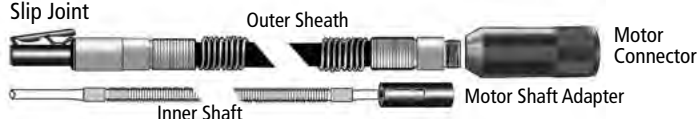
**S-108142 \$16.64** 95.3cm Slip Joint Sheath

**UA541 \$12.48** Slip Joint Motor Connector

**S-10814 \$45.76** **Factory Pre-Lubed Conversion Assembly** with Shaft, Sheath and Shaft Adapter

**Handpiece End**

Slip Joint



**Motor End**

Motor Connector

## Slip Joint Handpiece Shaft Adapters



**HP771 \$61.36** 3-1/2" long, 5/8" diameter, 1.6 oz, 2.4 oz pkg wt  
 This adapter can connect a key tip handpiece to a slip joint flexible shaft. Also works with other tools with key tip connections, e.g. Kate Wolf's Belt Sander.



**HP770 \$61.36** 4.0" long, 5/8" diameter, 1.8 oz, 2.6 oz pkg wt  
 This adapter can connect a slip joint handpiece to a key tip flexible shaft.

# SR Motor + Speed Control + Handpiece Sets

## Sets are popular combinations of motor, speed control and handpiece.

Sets include a tube of flexible shaft grease

Sets do **not** include any rotary accessory assortments.

- Detailed descriptions of SR Motors and Speed Controls are on pages 4–5.
- Detailed descriptions of Handpieces are on pages 9–13.

## 115 volt for most usage in North America Sets with 39" Standard Key Tip Shafting

Motor + Speed Control – Handpiece	Set No.	Price
<b>M.SR Hang Up Motor + Speed Control + Handpiece</b>		
M.SR + C.FCT Foot Control + H.30° Chuck Handpiece	K.8301	\$322.40
M.SR + C.SCT Metal Foot Control + H.30° Chuck Handpiece	K.8302	357.76
M.SR + C.FCT Foot Control + H.44T Collet Handpiece	K.8303	318.24
M.SR + C.FCT Foot Control + H.20 Quick Change Handpiece	K.8304	345.28
M.SR + C.SCT Metal Foot Control + H.44T Collet Handpiece	K.8310	353.60
M.SR + C.SCT Metal Foot Control + H.8 Collet Handpiece	K.8311	367.12
M.SR + C.SCT Metal Foot Control + H.20 Quick Change Handpiece	K.8313	380.64
M.SR + C.SCT Metal Foot Control + H.43T Collet Handpiece	K.8322	353.60
M.SR + C.FCT Foot Control + H.43T Collet Handpiece	K.8323	318.24
M.SR + C.FCT Foot Control + H.8 Collet Handpiece	K.8324	331.76
M.SR + C.FCT Foot Control + H.8D Duplex Spring Collet Handpiece	K.8325	364.00
M.SR + C.FCT Foot Control + H.28 Collet Handpiece	K.8327	318.24
<b>M.SRM Bench Motor with built-in Speed Control + Handpiece</b>		
M.SRM + H.30° Chuck Handpiece	K.8305	362.96
M.SRM + H.44T Collet Handpiece	K.8307	358.80
M.SRM + H.28 Collet Handpiece	K.8328	358.80
<b>M.SRB Bench Motor + Speed Control + Handpiece</b>		
M.SRB + C.FCT Foot Control + H.30° Chuck Handpiece	K.8331	353.60
M.SRB + C.FCT Foot Control + H.44T Collet Handpiece	K.8332	349.44
M.SRB + C.SCT Metal Foot Control + H.8D Duplex Spring Collet Handpiece	K.8333	430.56

## 63-3/4" Square Drive Shafting Sets

<b>M.SRMH Motor with built-in Speed Control + Handpiece</b>		
M.SRMH + H.30H Square Drive Chuck Handpiece	K.8306	\$394.16
M.SRMH + H.44HT Square Drive Collet Handpiece	K.8308	394.16

Sets K.8301 & K.8301-2 are packed in 19" x 12-1/4" x 4-1/2" display boxes. All other sets come in a labeled white box.



## 230 volt for international use –specify power plug option Sets with 39" Standard Key Tip Shafting

Motor + Speed Control – Handpiece	Set No.	Price
<b>M.SR-2 Hang Up Motor + Speed Control + Handpiece</b>		
M.SR-2 + C.FCH-2 Foot Control + H.30° Chuck Handpiece	K.8301-2	\$322.40
M.SR-2 + C.SCH-2 Metal Foot Control + H.30° Chuck Handpiece	K.8302-2	357.78
M.SR-2 + C.FCH-2 Foot Control + H.44T Collet Handpiece	K.8303-2	318.24
M.SR-2 + C.FCH-2 Foot Control + H.20 Quick Change Handpiece	K.8304-2	345.28
M.SR-2 + C.SCH-2 Metal Foot Control + H.44T Collet Handpiece	K.8310-2	353.60
M.SR-2 + C.SCH-2 Metal Foot Control + H.8 Collet Handpiece	K.8311-2	367.12
M.SR-2 + C.SCH-2 Metal Foot Control + H.20 Quick Change Handpiece	K.8313-2	380.64
M.SR-2 + C.SCH-2 Metal Foot Control + H.43T Collet Handpiece	K.8322-2	353.60
M.SR-2 + C.FCH-2 Foot Control + H.43T Collet Handpiece	K.8323-2	318.24
M.SR-2 + C.FCH-2 Foot Control + H.8 Collet Handpiece	K.8324-2	331.76
M.SR-2 + C.FCH-2 Foot Control + H.8D Duplex Spring Collet Handpiece	K.8325-2	364.00
M.SR-2 + C.FCH-2 Foot Control + H.28 Collet Handpiece	K.8327-2	318.24
<b>M.SRM-2 Bench Motor with built-in Speed Control + Handpiece</b>		
M.SRM-2 + H.30° Chuck Handpiece	K.8305-2	362.96
M.SRM-2 + H.44T Collet Handpiece	K.8307-2	358.80
M.SRM-2 + H.28 Collet Handpiece	K.8328-2	358.80
<b>M.SRB-2 Bench Motor + Speed Control + Handpiece</b>		
M.SRB-2 + C.FCH-2 Foot Control + H.30° Chuck Handpiece	K.8331-2	353.60
M.SRB-2 + C.FCH-2 Foot Control + H.44T Collet Handpiece	K.8332-2	349.44

## 93.7cm Slip Joint Shafting Set\*

M.SRJ-2 Hang up Motor + C.FCH-2 Foot Control + H.30SJ Slip Joint Chuck Handpiece

\* More information on Slip Joint products is on page 13

K.8309-2 \$322.40

ForeDom's M.SR-2 230 volt motors typically have red labels, while the M.SR 115 Volt motor labels are usually blue. Motor specs are also listed on the back of M.SR type motors.

## Many 115 & 220 Volt sets are priced the same. Specify Plug Options for 230 Volt

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red.

For example: **K.8301-21** for United Kingdom





**TX Motors are ONLY available in 115 Volt** and have a speed range of 500 – 15,000 RPM. Detailed information on TX Motor and Speed Controls are on pages 6–7.

## Set Components:



Foot Control



Metal Foot Control



Dial Control

Handpiece information on page 9 – 12



H.30®  
Chuck Handpiece



H.44T  
Collet Handpiece



H.43T  
Collet Handpiece



H.28  
Collet Handpiece



H.8  
Collet Handpiece



H.20  
Quick Change Handpiece



H.8D Collet Handpiece with Duplex Spring



H.30H  
Square Drive  
Chuck Handpiece



H.44HT  
Square Drive  
Collet Handpiece



**LX Motors are available in 115 or 230 Volt** The M.LX is Foredom's most powerful motor at low speeds —max speed is 5,000 RPM. Detailed information on LX Motor and Speed Controls are on pages 7–8.

# M.TX and M.LX Sets: Motor + Speed Control + Handpiece 115 volt for most usage in North America

## M.TX Sets with 39" Standard Key Tip Shafting

Motor + Speed Control – Handpiece

Set No. Price

### M.TX Hang Up Motor + Speed Control + Handpiece

M.TX + C.TXR Foot Control + H.30® Chuck Handpiece	K.8401	\$395.20
M.TX + C.SXR Metal Foot Control + H.30® Chuck Handpiece	K.8402	426.40
M.TX + C.TXR Foot Control + H.44T Collet Handpiece	K.8403	391.04
M.TX + C.SXR Metal Foot Control + H.44T Collet Handpiece	K.8405	422.24
M.TX + C.EMX Dial Speed Control + H.44T Collet Handpiece	K.8410	422.24
M.TX + C.SXR Metal Foot Control + H.43T Collet Handpiece	K.8424	422.24
M.TX + C.TXR Foot Control + H.43T Collet Handpiece	K.8423	391.04

### M.TXM Bench Motor with built-in Speed Control + Handpiece

M.TXM + H.44T Collet Handpiece	K.8404	427.44
M.TXM + H.30® Chuck Handpiece	K.8411	431.60
M.TXM + H.43T Collet Handpiece	K.8421	427.44

## M.TXH Sets with 63-3/4" Square Drive Shafting

### M.TXH Hang Up Motor + Speed Control + Handpiece

M.TXH + C.TXR Foot Control + H.44HT Square Drive Collet Handpiece	K.8406	\$426.40
M.TXH + C.TXR Foot Control + H.30H Square Drive Chuck Handpiece	K.8407	426.40
M.TXH + C.SXR Metal Foot Control + H.30H Square Drive Chuck Handpiece	K.8408	457.60
M.TXH + C.SXR Metal Foot Control + H.44HT Square Drive Collet Handpiece	K.8409	457.60

### M.TXMH Bench Motor with built-in Speed Control + Handpiece

M.TXMH + H.44HT Square Drive Collet Handpiece	K.8412	462.80
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### M.TXBH Bench Motor + Speed Control + Handpiece

M.TXBH + C.TXR Foot Control + H.44HT Square Drive Collet Handpiece	K.8425	457.60
M.TXBH + C.TXR Foot Control + H.30HT Square Drive Chuck Handpiece	K.8426	457.60

# 115 volt for most usage in North America

## M.LX Sets with 39" Standard Key Tip Shafting Hang Up Motor + Speed Control + Handpiece

M.LX + C.TXR Foot Control + H.30® Chuck Handpiece	K.8501	\$369.20
M.LX + C.EMX Dial Control + H.30® Chuck Handpiece	K.8504	400.40

### M.LXM Bench Motor with built-in Speed Control + Handpiece

M.LXM + H.30® Chuck Handpiece	K.8503	405.60
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# 230 volt for most usage internationally—specify power plug option

## M.LX-2 Sets with 39" Standard Key Tip Shafting Hang Up Motor + Speed Control + Handpiece

M.LX-2 + C.TXR-2 Foot Control + H.30® Chuck Handpiece	K.8502	369.20
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# Sets with Non-Conductive Shafting – Motor - Speed Control Combinations or Motor - Speed Control - Handpiece

## 115 Volt SR Motor Sets

### Motor + Speed Control – Handpiece

#### 39" Key Tip Non-Conductive Shafting

M.SR + C.FCT Foot Control No Handpiece	K.8335	\$255.84
M.SR + C.SCT Metal Foot Control No Handpiece	K.8321	291.20

#### 66" Key Tip Non-Conductive Shafting

M.SR + C.FCT Foot Control No Handpiece	K.8312	\$262.08
M.SR + C.SCT Metal Foot Control No Handpiece	K.8315	297.44
M.SR + C.SCT Metal Foot Control + H.44T Collet Handpiece	K.8317	366.08

#### 63-3/4" Square Drive Non-Conductive Shafting

M.SRH + C.FCT Foot Control No Handpiece	K.8316	\$291.20
M.SRH + C.SCT Metal Foot Control No Handpiece	K.8319	326.56
M.SRH + C.SCT Metal Foot Control + H.44HT Square Drive Collet Handpiece	K.8320	404.56

## 115 Volt TX Motor Sets

#### 39" Key Tip Non-Conductive Shafting

M.TX + C.TXR Foot Control No Handpiece	K.8427	\$328.64
M.TX + C.TXR Foot Control + H.44T Collet Handpiece	K.8428	397.28
M.TX + C.SXR Metal Foot Control No Handpiece	K.8429	359.84
M.TX + C.SXR Metal Foot Control + H.44T Collet Handpiece	K.8430	428.48

#### 66" Key Tip Non-Conductive Shafting

M.TX + C.TXR Foot Control No Handpiece	K.8413	\$334.88
M.TX + C.TXR Foot Control + H.44T Collet Handpiece	K.8414	403.52
M.TX + C.SXR Metal Foot Control No Handpiece	K.8415	366.08
M.TX + C.SXR Metal Foot Control + H.44T Collet Handpiece	K.8416	434.72

#### 63-3/4" Square Drive Non-Conductive Shafting

M.TXH + C.TXR Foot Control No Handpiece	K.8417	\$364.00
M.TXH + C.TXR Foot Control + H.44HT Square Drive Collet Handpiece	K.8418	442.00
M.TXH + C.SXR Metal Foot Control No Handpiece	K.8419	395.20
M.TXH + C.SXR Metal Foot Control + H.44HT Square Drive Collet Handpiece	K.8420	473.20

## 230 Volt SR Motor Sets

#### 39" Key Tip Non-Conductive Shafting

M.SR-2 + C.FCH-2 Foot Control No Handpiece	K.8335-2	\$255.84
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#### 66" Key Tip Non-Conductive Shafting

M.SR-2 + C.FCH-2 Foot Control No Handpiece	K.8312-2	\$262.08
M.SR-2 + C.SCH-2 Metal Foot Control No Handpiece	K.8315-2	297.44
M.SR-2 + C.SCH-2 Metal Foot Control + H.44T Collet Handpiece	K.8317-2	366.08
M.SR-2 + C.FCT-21CE Foot Control with UK Plug No Handpiece	K.8314-21	298.48
M.SR-2 + C.FCT-22CE Foot Control with Euro Plug No Handpiece	K.8314-22	298.48

#### 63-3/4" Square Drive Non-Conductive Shafting

M.SRH-2 + C.SCH-2 Metal Foot Control No Handpiece	K.8319-2	\$326.56
M.SRH-2 + C.SCH-2 Metal Foot Control + H.44HT Square Drive Collet Handpiece	K.8320-2	404.56

#### M.SRMH Motor with built-in Speed Control + Handpiece with 63-3/4" Square Drive Non-Conductive Shafting

M.SRMH-2 + H.30H Square Drive Chuck Handpiece	K.8306-2	394.16
M.SRMH-2 + H.44HT Square Drive Collet Handpiece	K.8308-2	394.16



**K.8312**  
M.SR Hang-Up Motor  
with 66" Key Tip Shaft  
+ C.FCT Foot Control

## Foredom Developed Non-Conductive Shafting for Stone Carving, Equine Dental or Other Uses in Wet Environments

Specialized standard length and longer key tip and square drive inner shafts have plastic, non-conductive bushings that prevent the flow of stray current through the shaft and into the handpiece.



H.44T Key Tip Collet Handpiece details on page 9



Key Tip S-93-NC Non-Conductive Shaft, S-77 Sheath and UA111 Motor Connector



Square Drive S-10816-NC Non-Conductive Pre-lubed Shaft Assembly



H.44HT Square Drive Collet Handpiece details on page 12



Foot Control  
details on page 5 or 7



Metal Foot Control

# Jewelers Kits

## SR Motor Kits Kit Descriptions on page 18

Kit No.	Price	Description
<b>K.2230</b>	<b>\$351.52</b>	<b>Classic Jewelers Kit with H.30® Chuck Style Handpiece</b>
Options:		11.7 lb.
<b>K.2231</b>	<b>402.48</b>	Kit + Bench Clamp Motor Hanger, 14.6 lb
<b>K.2232</b>	<b>423.28</b>	Kit + Base Mount Motor Hanger, 15.0 lb
<b>K.2830</b>	<b>386.88</b>	Kit + Cast Iron Foot Pedal instead of C.FCT, 16.45 lb
<b>K.2230-2</b>	<b>351.52</b>	230V Kit, 11.7 lb, US Plug
<b>K.2230-21CE</b>	<b>387.92</b>	CE Compliant 230V Kit, 11.9 lb, UK Plug,
<b>K.2230-22CE</b>	<b>387.92</b>	CE Compliant 230V Kit, 11.9 lb, Continental European Plug
<b>K.2220</b>	<b>\$373.36</b>	<b>Jewelers Kit with H.20 Quick Change Handpiece</b>
Options:		11.0 lb.
<b>K.2221</b>	<b>424.32</b>	Kit + Bench Clamp Motor Hanger, 13.9 lb
<b>K.2222</b>	<b>445.12</b>	Kit + Base Mount Motor Hanger, 14.3 lb
<b>K.2820</b>	<b>408.72</b>	Kit + Cast Iron Foot Pedal instead of C.FCT, 16.20 lb
<b>K.2220-2</b>	<b>373.36</b>	230V Kit, 11.0 lb, US Plug,
<b>K.2220-21CE</b>	<b>409.76</b>	CE Compliant 230V Kit, 11.2 lb, UK Plug,
<b>K.2220-22CE</b>	<b>409.76</b>	CE Compliant 230V Kit, 11.2 lb, Continental European Plug
<b>K.2200</b>	<b>\$430.56</b>	<b>Deluxe Jewelers Kit with 2 Handpieces– H.30® and H.20</b>
Options:		12.0 lb.
<b>K.2201</b>	<b>481.52</b>	Kit with Bench Clamp Motor Hanger, 14.2 lb
<b>K.2202</b>	<b>502.32</b>	Kit with Base Mount Motor Hanger, 14.6 lb
<b>K.2800</b>	<b>465.92</b>	Kit + Cast Iron Foot Pedal instead of C.FCT, 16.75 lb
<b>K.2200-2</b>	<b>430.56</b>	230V Kit, 11.3 lb, US Plug,
<b>K.2200-21CE</b>	<b>466.96</b>	CE Compliant 230V Kit, 11.5 lb, UK Plug
<b>K.2200-22CE</b>	<b>466.96</b>	CE Compliant 230V Kit, 11.5 lb, Continental European Plug
<b>K.8301-307</b>	<b>\$428.48</b>	<b>Flex Shaft Kit with H.30® Handpiece &amp; Jump Ringer</b>
Options:		15.4 lb.
<b>K.8301-307-2</b>	<b>428.48</b>	230V Kit, 15.4 lb, US Plug
<b>K.8301-307-21CE</b>	<b>464.88</b>	230V Kit, 15.4 lb, UK Plug CE Compliant
<b>K.8301-307-22CE</b>	<b>464.88</b>	230V Kit, 15.4 lb, European Plug CE Compliant

## TX Motor Kits 115 Volt ONLY Kit Descriptions on page 19

<b>K.TX300</b>	<b>\$432.64</b>	<b>High Torque Jewelers Kit with H.30® Chuck Style Handpiece</b>
Options:		10.4 lb,
<b>K.TX301</b>	<b>494.00</b>	Kit with Bench Clamp Motor Hanger, 13.3 lb
<b>K.TX302</b>	<b>514.80</b>	Kit with Base Mount Motor Hanger, 13.7 lb
<b>K.TX380</b>	<b>463.84</b>	Kit + Cast Iron Foot Pedal instead of C.TXR, 12.15 lb

## LX Motor Kits Kit Descriptions on page 19

<b>K.2240</b>	<b>\$469.04</b>	<b>Stone Setting Kit with H.18 Quick Change Handpiece</b>
Options:		10.3 lb.
<b>K.2241</b>	<b>520.00</b>	Kit with Bench Clamp Motor Hanger, 13.2 lb
<b>K.2242</b>	<b>540.80</b>	Kit with Base Mount Motor Hanger, 13.6 lb
<b>K.2840</b>	<b>500.24</b>	Kit + Cast Iron Foot Pedal instead of C.TXR, 11.85 lb
<b>K.2240-2</b>	<b>469.04</b>	230V Kit, 10.3 lb, US Plug
<b>K.2250</b>	<b>\$447.20</b>	<b>Hammer Setting Kit with H.15 Hammer Handpiece</b>
Options:		10.3 lb.
<b>K.2255</b>	<b>498.16</b>	Kit with Bench Clamp Motor Hanger, 13.2 lb
<b>K.2256</b>	<b>518.96</b>	Kit with Base Mount Motor Hanger, 13.6 lb
<b>K.2850</b>	<b>478.40</b>	Kit + Cast Iron Foot Pedal instead of C.TXR, 11.75 lb
<b>K.2250-2</b>	<b>447.20</b>	230V Kit, 10.3 lb, US Plug



**Kits include rotary accessories and are the easiest and most affordable way to get started with Foredom.**

Jewelers Kits include— a motor, speed control, and hand-piece plus an assortment of metal working accessories (burs, bits, etc.).

Order by Part Number Shown in Red

Kit K.2230 is packaged in a 19" x 12-1/4" x 4-1/2" display box. All other kits come in white box.

Kits with metal foot controls are packaged in a 17-3/4" x 24-1/4" x 4-1/2" white box.



**AK11 Accessory Assortment Kit with Rotating Bur Holder is included with many Foredom Jewelers Kits**

42-Pc Kit contains metal working assortment of shapes, sizes and grits of satin finishers, brushes, Scotch-Brite™ Radial Bristle Discs, engraving burs, rubber bonded abrasives, sanding bands, mandrels, V Stone and unitized points, and Platinum White polishing compound. Page 45.

**Kits with motor hangers make it even easier to get set up.**

These two motor hangers are designed to securely suspend up to two motors above the work bench and are easy to assemble. See page 23 for complete description.



MAMH-1 has Bench Clamp

MAMH-2 has Base Mount



MAMH-1 disassembled

## LX Motor Kits continued

<b>K.2245</b>	<b>\$609.44</b>	<b>Deluxe Stone Setting Kit with 2 Handpieces– H.18 &amp; H.15</b>
Options:		10.7 lb, Kit Description on page 19
<b>K.2246</b>	<b>660.40</b>	Kit with Bench Clamp Motor Hanger, 13.6 lb
<b>K.2247</b>	<b>681.20</b>	Kit with Base Mount Motor Hanger, 14.0 lb
<b>K.2845</b>	<b>640.64</b>	Kit + Cast Iron Foot Pedal instead of C.TXR, 12.15 lb
<b>K.2245-2</b>	<b>609.44</b>	230V Kit, 10.7 lb, US Plug

## PowerGraver Kits

<b>K.2293</b>	<b>\$676.00</b>	<b>PowerGraver Kit with H.9D Engraving Handpiece</b>
		11.25 lb, Kit Description on page 19

<b>K.2293-2</b>	<b>676.00</b>	230V Kit, 11.25 lb, US Plug
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**Many 115 & 220 Volt Kits are priced the same. Specify Plug Options for 230 Volt**

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example:

**K.2230-21CE** for United Kingdom, UK CE compliant



# Kits for Jewelers

## M.SR Motor, Speed Control, Handpiece & Accessories



**K.2220 Quick Change Jewelers Kit with**  
**\$373.36 H.20 Handpiece**

M.SR Motor / C.FCT Speed Control / H.20 Handpiece /  
AK11 Accessory Assortment Kit / flex shaft grease

### UPGRADES:

**K.2221 Quick Change Kit plus MAMH-1**  
**\$424.32 Bench Clamp Motor Hanger**

**K.2222 Quick Change Kit plus MAMH-2**  
**\$445.12 Base Mount Motor Hanger**

**K.2820 Classic Jewelers Kit with C.SCT Cast**  
**\$408.72 Iron Speed Control** in place of C.FCT  
Plastic Housed Speed Control



**K.2200 Deluxe Jewelers Kit with**  
**\$430.56 H.30® and H.20 Handpieces**

M.SR Motor / C.FCT Speed Control / H.30® & H.20  
Handpieces / AK11 Accessory Assortment Kit / flex  
shaft grease

### UPGRADES:

**K.2201 Deluxe Jewelers Kit plus MAMH-1**  
**\$481.52 Bench Clamp Motor Hanger**

**K.2202 Deluxe Jewelers Kit plus MAMH-2**  
**\$502.32 Base Mount Motor Hanger**

**K.2800 Deluxe Jewelers Kit with C.SCT Cast**  
**\$465.92 Iron Speed Control** in place of C.FCT  
Plastic Housed Speed Control

## INTRODUCING

**K.8301-307 Flex Shaft Kit with**  
**\$428.48 Jump Ringer** 15.4 lb.

M.SR Motor / C.FCT Speed Control  
H.30® Handpiece AK307 Jump Ringer Kit  
flex shaft grease

Jump rings are an integral part of jewelry making. They  
form connections and are used to make chains, jewelry  
and chain maille. Perfect for jewelers who want to pro-  
duce hundreds of jump rings, accurately, quickly,  
and safely.



*If purchased separately*  
**AK307 Pepetools**  
**Jump Ring Maker**  
**\$258.96** *without flex shaft tool*  
Jump ring maker has a  
coil winder made of solid  
machined aluminum. Sturdy  
tool for consistent jump rings.  
The winder with keyless chuck  
for changing mandrels. **Flex**  
**Shaft machine is required**  
**for use.**

**K.2230 Classic Jewelers Kit with H.30® Handpiece**  
**\$351.52** 11.7 lb.

M.SR Motor / C.FCT Speed Control / H.30® Handpiece  
AK11 Accessory Assortment Kit / flex shaft grease

### UPGRADES:

**K.2231 Classic Jewelers Kit plus MAMH-1**  
**\$402.48 Bench Clamp Motor Hanger** 14.6 lb.

**K.2232 Classic Jewelers Kit plus MAMH-2**  
**\$423.28 Base Mount Motor Hanger** 15 lb

**K.2830 Classic Jewelers Kit with H.30® Handpiece**  
**\$386.88** and C.SCT Cast Iron Speed Control in place of  
C.FCT Plastic Housed Speed Control  
Requires larger 17-3/4" x 24-1/4" x 4-12" box, 15.2 lb.

Part Numbers listed are for 115 Volt.

SR Motor Kits are also available in 230 Volt see previous page.

**M.SR Motor** – Powerful, 1/6 horsepower, universal, hang-up style flexible shaft motor  
runs in forward and reverse at speeds up to 18,000 RPM. It has standard 39" long key tip  
shafting to power a Foredom key tip handpiece. Page 4.

**C.FCT Foot Speed Control** – Foredom's most popular variable speed control in sturdy  
plastic housing with wide footprint and non-skid pads on the bottom – for smooth control  
from low to maximum speed. 7-1/4" long, 4-1/2" wide, 2-1/2" high Page 5.

**C.SCT Foot Speed Control** – Offers the same electronics and smooth control as the  
C.FCT housed in heavier cast iron. (7" long, 5" wide, 2-1/2" high) Page 5.

**H.30® Handpiece** – the most widely used jewelers handpiece has a geared 3-jaw #0  
chuck that holds any size shank bur or drill bit up to 5/32" (4mm) in diameter. Comes with  
the HPCO-0 chuck key with plastic handle. (5-3/16" long, 1" diameter) Page 9.

**H.20 Handpiece** – use with ONLY 2.35mm (or 3/32") shank size accessories. Tapered  
handpiece with lever for quick changes of burs, bits, cutters, drills, etc. 5-5/8" long, 7/8"  
diameter - center. Page 10.

**Motor Hangers** – see page 23.

**AK11 Accessory Assortment Kit with Rotating Bur Holder**– see page 45.

**AK290 and AK90 Accessory Kits** listed on facing page – see page 45 for details.

# Kits for Jewelers

with  
Permanent  
Magnet Motors:  
M.TX, M.LX  
& M.PGX

**K.2250** Hammer Stone Setting Kit with  
**\$447.20** H.15 Handpiece  
M.LX Motor / C.TXR Speed Control  
H.15 Handpiece with Anvil Point, Pavé  
Point & Carbide Stylus (see page 10) in  
small round bur holder & flex shaft grease.

## UPGRADES:

**K.2255** K.2250 Kit plus MAMH-1  
**\$498.16** Bench Clamp Motor Hanger

**K.2256** K.2250 Kit plus MAMH-2  
**\$518.96** Base Mount Motor Hanger

**K.2850** K.2250 Kit plus C.SXR  
**\$478.40** Cast Iron Foot Control in place of  
C.FCT Plastic Housed Speed Control

**K.2240** Quick Change Stone Setting Kit  
**\$469.04** with H.18 Handpiece

M.LX Motor / C.TXR Speed Control  
H.18 Handpiece  
AK90 Accessory Assortment Kit  
flex shaft grease

## UPGRADES:

**K.2241** K.2240 Kit plus MAMH-1  
**\$520.00** Bench Clamp Motor Hanger

**K.2242** K.2240 Kit plus MAMH-2  
**\$540.80** Base Mount Motor Hanger

**K.2840** K.2850 Kit plus C.SXR  
**\$500.24** Cast Iron Foot Control in place of  
C.FCT Plastic Housed Speed Control

**K.2245** Deluxe Setting Kit with  
**\$609.44** H.15 & H.18 Handpieces  
M.LX Motor / C.TXR Speed Control  
H.18 & H.15 Handpieces  
AK90 Accessory Assortment Kit plus  
Anvil and Pavé Points, and  
Carbide Stylus & flex shaft grease.

## UPGRADES:

**K.2246** K.2245 Kit plus MAMH-1  
**\$660.40** Bench Clamp Motor Hanger

**K.2247** K.2245 Kit plus MAMH-2  
**\$681.20** Base Mount Motor Hanger

**K.2845** K.2845 Kit plus C.SXR  
**\$640.64** Cast Iron Foot Control in place of  
C.FCT Plastic Housed Speed Control

## Permanent Magnet Motors:

**M.TX** - ONLY available in 115 Volt 1/3 horsepower, high torque hang-up motor with added power throughout speed range up to 15,000 RPM. It has standard 39" long key tip shafting to power a Foredom key tip handpiece. Page 6.

**M.LX** 1/10 horsepower –the most powerful motor for low speed range, hang-up motor for slower speeds up to 5,000 RPM. Ideal for low speed stone setting, wax carving & drilling. See page 8.

**M.PGX** 1/20 HP horsepower, hang-up motor for slower speeds up to 2,800 RPM specially designed for stone setting and engraving. S-76N Neoprene Sheath only connects to H.9D handpiece, shown at right - part of a dedicated system.

## Permanent Magnet Motor Variable Speed Controls (page 7):

**C.TXR Foot Speed Control** has electronics and plug required for LX and TX permanent magnet motors. Variable speed in sturdy plastic housing, non-skid pads on the bottom – for smooth control from low to maximum speed. 7-1/4" long, 4-1/2" wide, 2-1/2" high.

**C.EMGX PowerGraver Dedicated Dial Control** required for speeds up to 2,800 RPM.

**C.FCGX Dedicated on/off** foot switch for PowerGraver system with plastic housing with wide footprint and non-skid pads.

## Handpieces:

**H.15** Has reciprocating action for low speed stone setting and decorative work. Comes with HP10177 Anvil Point. Page 10.

**H.18** use with ONLY 2.35mm (or 3/32") shank size accessories. Lever for quick changes of burs, bits, cutters, drills, etc. Page 10.

**H.9D** Shown at right, handpiece for use ONLY with PowerGraver with 1/16", 3/32", 1/8" and 3mm collets. Has sheath connection that fits ONLY the M.PGX motor sheath. Adjusting ring changes impact force and palm rest provides comfort and feel of a hand engraving tool.

**K.TX300** TX Jewelers Kit with  
**\$432.64** H.30® Handpiece

M.TX Motor  
C.TXR Speed Control  
H.30® Handpiece  
AK11 Accessory Kit  
flex shaft grease

**M.TX Motor is ONLY  
available in 115 Volt.**

## UPGRADES:

**K.TX301** TX Jewelers Kit plus MAMH-1  
**\$494.00** Bench Clamp Motor Hanger

**K.TX302** TX Jewelers Kit plus MAMH-2  
**\$514.80** Base Mount Motor Hanger

**K.TX380** TX Jewelers Kit plus C.SXR  
**\$463.84** Cast Iron Foot Control in place of  
C.FCT Plastic Housed Speed Control

## H.9D Handpiece

The PowerGraver Kit is specially designed for stone setting and engraving. It is a dedicated unit with specialized components used for bead, prong, channel, hammer and bezel setting, engraving and other decorative work. **ONLY runs at speeds up to 2,800 RPM.** Available in 115 or 230 Volt.

**K.2293** PowerGraver Kit with Dedicated Components  
**\$676.00** M.PGX Motor equipped with S-76N Neoprene Sheath  
C.EMGX Dial Speed Control, C.FCGX On/Off Foot Switch  
AK290 Accessory Kit in small round bur holder, page 45.  
handpiece oil & flex shaft grease.  
A-DVD125 32-minute Instructional video  
**Includes:** (Priced if sold separately)  
H.9D Handpiece (description at left) **\$234.00**  
HP10177P Non-Threaded Anvil Point **\$6.24**  
HP10215 Non-Threaded Carbide Stylus **\$39.52**

# Kits for Wood

## M.SR Motor, Speed Control, Handpiece & Accessories



### K.5250 Woodcarving Kit with Dial Control and H.44T Handpiece

M.SR Motor / C.EM Speed Control  
H.44T Handpiece  
AKWK53 Accessory Assortment Kit  
A-DVD131 How-To-Carve Video / flex shaft grease

#### UPGRADES:

K.5251 K.5250 Woodcarving Kit plus  
\$472.16 MAMH-1 Bench Clamp Motor Hanger  
K.5252 K.5250 Woodcarving Kit plus  
\$492.96 MAMH-2 Base Mount Motor Hanger



### K.5200 Deluxe Woodcarving Kit with Metal Foot Control and H.44T & H.28 Handpieces

M.SR Motor / C.SCT Speed Control / H.44T & H.28 Collet Handpieces / AKWK53 Accessory Assortment Kit / A-DVD131 How-To-Carve Video flex shaft grease

#### UPGRADES:

K.5201 Deluxe Woodcarving Kit plus  
\$531.44 MAMH-1 Bench Clamp Motor Hanger  
K.5202 Deluxe Woodcarving Kit plus MAMH-2  
\$552.24 Base Mount Motor Hanger



### K.5300 Bench Style Woodcarving Kit & H.44T Handpiece

M.SRM Motor with Built-In Speed Control  
H.44T Handpiece / AKWK50 Accessory Assortment / A-DVD131 How-To-Carve Video flex shaft grease



### K.5230 Bench Style Gourd Carving Kit & H.30 Handpiece

M.SRM Motor with Built-In Speed Control  
H.30 Handpiece / AK52 Accessory Assortment Kit & flex shaft grease

### K.5240 Classic Woodcarving Kit with H.44T Handpiece \$383.76

M.SR Motor / C.FCT Speed Control / H.44T Handpiece  
AKWK53 Accessory Assortment Kit / A-DVD131 How-To-Carve Video / flex shaft grease

#### UPGRADES:

K.5241 Classic Woodcarving Kit plus MAMH-1  
\$434.72 Bench Clamp Motor Hanger  
K.5242 Classic Woodcarving Kit plus MAMH-2  
\$455.52 Base Mount Motor Hanger

**M.SR Motor** – powerful, 1/6 horsepower, universal, hang-up style flexible shaft motor runs in forward and reverse at speeds up to 18,000 RPM. It has standard 39" long key tip shafting to power a Foredom key tip handpiece.

**M.SRM Motor** – same features as M.SR motor except mounted on a cast iron base with a dial control built in. Page 4.

**C.FCT Foot Speed Control** – Foredom's most popular variable speed control in sturdy plastic housing with wide footprint and non-skid pads on the bottom – for smooth control from low to maximum speed. 7-1/4" long, 4-1/2" wide, 2-1/2" high Page 5.

**C.EM Dial Speed Control** – bench top control in plastic housing with variable speed dial makes it easy to maintain and return to a desired speed. 5" long, 5-7/8" wide, 2-3/4" high Page 5

**C.SCT Foot Speed Control** – offers the same electronics and smooth control as the C.FCT housed in heavier cast iron. (7" long, 5" wide, 2-1/2" high) Page 5.

**H.44T Handpiece** – precision collet-style handpiece can hold burs with 1/4" shanks. Includes three collets: 3/32" (2.35mm), 1/8" (3.18mm) and 1/4" (6.4mm) installed plus pin and chuck wrench. 5-5/8" long, 1" diameter-center. Page 9.

**H.28 Handpiece** – slim, precision collet-style handpiece includes two collets: 3/32" (2.35mm) and 1/8" (3.18mm) installed, plus pin and wrench. 5-1/4" long, 23/32" diameter-center. Page 9.

**H.30 Handpiece** – the most widely used jewelers handpiece has a geared 3-jaw #0 chuck that holds any size shank bur or drill bit up to 5/32" (4mm) in diameter. Comes with the HPC-K0 chuck key with plastic handle. (5-3/16" long, 1" diameter) Page 9.

**Motor Hangers** suspend hang-up motors above the work bench. These have 3-pc hexagonal support rods and top safety hook rod that can hold one or two motors. **MAMH-1** has a clamp mount and **MAMH-2** base mount attaches with screws. Both have a handpiece rest, safety clips, couplings and set screws. Page 23.

Part Numbers listed are for 115 Volt.

SR Motor Kits are also available in 230 Volt see facing page.

AKWK53 31-pc Accessory Assortment Kit – complete description on facing page 45.

AKWK50 Accessory Assortment Kit – 12-Pc Assortment contains woodcarving accessories including Typhoon® Carbide Burs, Aluminum Oxide Mounted Points, Steel Cutter, Plated Diamond Point, Steel Carving Drill, & Sandpaper Mandrel.

AK52 Accessory Assortment Kit with Rotating Bur Holder– 13-Pc Assortment contains carving accessories including Typhoon® Burs, High Speed Steel Engraving Burs, Steel Carving Drill, Brass Cleaning Brush, HPG-30 Handpiece Grip, 3M Particulate Respirator.

Technical Specifications see page 2



## Woodcarving Kits

Kit K.5240 is packaged in a 19" x 12-1/4" x 4-1/2" display box. All other kits come in white box.

Kit K.5200 is in a 17-3/4" x 24-1/4" x 4-1/2" display box. Other kits with metal foot controls are packed in white boxes the same size.



# Kits for Wood

with  
Permanent  
Magnet Motors:  
M.TX and M.LX

### SR Motor Kits

Kit No.	Price	Description
<b>K.5240</b>	<b>\$383.76</b>	<b>Classic Woodcarving Kit with H.44T Collet Style Handpiece</b> 12.1 lb.
Options:		
<b>K.5241</b>	<b>434.72</b>	Kit with Bench Clamp Motor Hanger, 15.0 lb
<b>K.5242</b>	<b>455.52</b>	Kit with Base Mount Motor Hanger, 15.4 lb
<b>K.5240-2</b>	<b>383.76</b>	230V Kit, 12.1 lb, US Plug or specify power plug.
<b>K.5240-21CE</b>	<b>420.16</b>	CE Compliant 230V Kit, 12.3 lb, UK Plug
<b>K.5240-22CE</b>	<b>420.16</b>	CE Compliant 230V Kit, 12.3 lb, Continental European Plug,
<b>K.5250</b>	<b>\$421.20</b>	<b>Woodcarving Kit with Dial Control &amp; H.44T Handpiece</b> 12.1 lb.
Options:		
<b>K.5251</b>	<b>472.16</b>	Kit with Bench Clamp Motor Hanger, 15.0 lb
<b>K.5252</b>	<b>492.96</b>	Kit with Base Mount Motor Hanger, 15.4 lb
<b>K.5250-2</b>	<b>421.20</b>	230V Kit, 12.1 lb US Plug or specify power plug
<b>K.5200</b>	<b>\$480.48</b>	<b>Deluxe Woodcarving Kit with Metal Speed Control, H.44T and H.28 Collet Handpieces,</b> 17.0 lb,
Options:		
<b>K.5201</b>	<b>531.44</b>	Kit with Bench Clamp Motor Hanger, 19.9 lb
<b>K.5202</b>	<b>552.24</b>	Kit with Base Mount Motor Hanger, 20.3 lb
<b>K.5200-2</b>	<b>480.48</b>	230V Kit, 17.0 lb, US Plug or specify power plug.
<b>K.5300</b>	<b>\$419.12</b>	<b>Bench Style Woodcarving Kit with Built-in Speed Control and H.44T Collet Handpiece,</b> 15.0 lb
Options:		
<b>K.5300-2</b>	<b>419.12</b>	230V Kit, 15.0 lb, US Plug or specify power plug.
<b>K.5230</b>	<b>\$448.24</b>	<b>Gourd Carving Bench Style Kit with Built-in Speed Control and H.30 Chuck Handpiece,</b> 15.2 lb,
Options:		
<b>K.5230-2</b>	<b>448.24</b>	230V Kit, 15.2 lb, US Plug or specify power plug.

### TX Motor Kits 115 Volt ONLY

<b>K.5400</b>	<b>\$464.88</b>	<b>High Torque Woodcarving Kit with Metal Speed Control &amp; H.44T Collet Handpiece,</b> 15.2 lb,
Options:		
<b>K.5401</b>	<b>515.84</b>	Kit with Bench Clamp Motor Hanger, 18.1 lb
<b>K.5402</b>	<b>536.64</b>	Kit with Base Mount Motor Hanger, 18.5 lb

### LX Motor Kits

<b>K.2252</b>	<b>\$451.36</b>	<b>Chisel Carving Kit with H.50 Chisel Handpiece</b> 10.8 lb,
Options:		
<b>K.2252-2</b>	<b>451.36</b>	230V Kit, 10.8 lb, US Plug or specify power plug.



**K.5400 M.TX Motor**  
**\$464.88 Woodcarving Kit with Metal Foot Control and H.44T Handpiece**  
M.TX Motor / C.SXR Metal Speed Control H.44T Handpiece  
AKWK53 Accessory Assortment Kit  
A-DVD131 How-To-Carve Video  
flex shaft grease

#### UPGRADES:

**K.5401 \$515.84** K.5400 Kit plus MAMH-1 Bench Clamp Motor Hanger  
**K.5402 \$536.64** K.5400 Kit plus MAMH-2 Base Mount Motor Hanger



**K.2252 M.LX Motor Chisel**  
**\$451.36 Carving Kit with Dial Speed Control & H.50 Chisel Handpiece**

M.LX Motor  
C.EMX Metal Speed Control  
H.50 Handpiece / AKHK550,  
AKHK560 and AKHK570 Chisel Sets  
with 17 chisels / flex shaft grease

### Permanent Magnet Motors:

**M.TX** 1/3 horsepower, high torque hang-up motor with added power throughout speed range up to 15,000 RPM. It has standard 39" long key tip shafting to power a Foredom key tip handpiece. **ONLY available in 115 Volt.** Page 6.

**M.LX** 1/10 horsepower, hang-up motor for slower speeds up to 5,000 RPM with added torque. Ideal for low speed stone setting, wax carving & drilling. Page 8.

### Permanent Magnet Motor Speed Controls (Page 7):

**C.SXR Foot Speed Control** has electronics and plug that LX and TX permanent magnet motors require. Variable speed control in cast iron housing – smooth control from low to maximum speed.

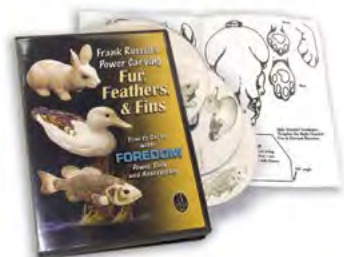
**C.EMX Dial Control** has electronics and plug required for LX and TX permanent magnet motors. Bench top control in plastic housing with variable speed dial makes it easy to maintain and return to a desired speed.

### Handpieces:

**H.44T Handpiece** – precision collet-style handpiece can hold burs with 1/4" shanks. Includes three collets: 3/32" (2.35mm), 1/8" (3.18mm) and 1/4" (6.4mm) installed plus pin and chuck wrench. Page 9.

**H.50 Handpiece** – light pressure engages the reciprocating chisel action. Stroke length is 1/8" (3.2mm). Carves wood, plastic, plaster and soft carving stone. Page 10. Complete list of chisels for H.50 Handpiece is shown on page 77.

**Motor Hangers** suspend hang-up motors above the work bench. 3-pc hexagonal support rods and top safety hook rod holds up to two motors. **MAMH-1** has a clamp mount and **MAMH-2** base mount attaches with screws. Both have a handpiece rest, safety clips, couplings and set screws. Page 23.



**A-DVD131 Fur, Feathers & Fins, 'How-To-Power Carve' DVD** Frank Russell, master carver & teacher's 3-disc, 3-hour, 3-project set instructs beginners and experienced carvers. Packed in all Woodcarving Kits except K.2252 and K.5230. Includes a rabbit pattern and sandpaper template.  
**\$20.80 if purchased separately.**



**AKWK53 Accessory Assortment Kit with Rotating Bur Holder** – 31-Pc Kit contains woodcarving accessories Typhoon® Carbide Burs, Aluminum Oxide Mounted Points, Steel Cutter, Plated Diamond Point, Carving Drill, and Sandpaper Mandrel. Page 45.  
**\$134.16 if purchased separately.**

# Kits for General Use

## Flex Shaft Motor, Speed Control, Handpiece & Accessories



**K.2272** General Purpose Kit with H.30® Handpiece  
**\$372.32**

M.SR Motor / C.FCT Speed Control / H.30® Chuck Handpiece  
AK21 Accessory Assortment Kit / flex shaft grease

### UPGRADES:

**K.2273** K.2272 Kit plus MAMH-1 Bench Clamp Motor Hanger  
**\$423.28**

**K.2274** K.2272 Kit plus MAMH-2 Base Mount Motor Hanger  
**\$444.08**

**M.SR Motor** – powerful, 1/6 horsepower, universal, hang-up style flexible shaft motor runs in forward and reverse at speeds up to 18,000 RPM. It has standard 39" long key tip shafting to power a Foredom key tip handpiece. Page 4.

**M.SRH Motor** – same specifications as M.SR Motor above, except it comes with a 63" long, square drive shafting to power a Foredom square drive handpiece. Page 4.

**M.TXH Motor** – 1/3 horsepower, high torque, permanent magnet hang-up motor with added power throughout speed range up to 15,000 RPM. It has standard 63" long, square drive shafting to power a Foredom square drive handpiece. **ONLY available in 115 Volt.** Page 6.

**C.FCT Foot Speed Control** – popular variable speed foot control in sturdy plastic housing – for M.SR motor series. Page 5.

**C.SCT Foot Speed Control** – variable speed foot control for the M.SR series motors housed in cast iron. Page 5.

**C.SXR Foot Speed Control** – variable speed foot control for permanent magnet motors (M.TX or M.LX) housed in cast iron. Page 7.

**H.44HT Handpiece** – Square Drive compatible precision collet-style handpiece can hold burs with 1/4" shanks. Includes three collets: 3/32" (2.35mm), 1/8" (3.18mm) and 1/4" (6.4mm) installed plus pin and chuck wrench. Page 12.

**H.30® Handpiece** – the most widely used chuck-style handpiece has a geared 3-jaw #0 chuck that holds any size shank bur or drill bit up to 5/32" (4mm) in diameter. Comes with the HPC-0 chuck key with plastic handle. (5-3/16" long, 1" diameter) Page 9.

**Part Numbers listed are 115 Volt. SR Motor Kits are also available in 230 Volt**

**Technical Specifications see page 2.**

**K.SRH440** Industrial Kit with Square Drive  
**\$395.20** Shafting, Metal Foot Control & H.44HT Square Drive Handpiece

M.SRH Motor with / C.SCT Speed Control  
H.44HT Handpiece / AKHK25 Accessory Assortment Kit & flex shaft grease.

### UPGRADES:

**K.SRH441** K.SRH440 Industrial Kit plus  
**\$446.16** MAMH-1 Bench Clamp Motor Hanger

**K.SRH442** K.SRH440 Industrial Kit plus  
**\$466.96** MAMH-2 Base Mount Motor Hanger

**K.TXH440** M.TXH Motor Industrial Kit  
**\$476.32** with Square Drive Shafting, Metal Foot Control and H.44HT Square Drive Handpiece

M.TXH Motor / C.SXR Speed Control  
H.44HT Handpiece / AKHK25 Accessory Assortment Kit & flex shaft grease.

### UPGRADES:

**K.TXH441** K.TXH440 Industrial Kit plus  
**\$527.28** MAMH-1 Bench Clamp Motor Hanger

**K.TXH442** K.TXH440 Industrial Kit plus  
**\$548.08** MAMH-2 Base Mount Motor Hanger

### Accessory Assortment Kits Page 45.

**AK21**(shown with K.2272 Kit photo) 88-Pc Kit contains broad assortment of accessories with 3/32" & 1/8" shanks including steel cutters, CeramCut Blue stones, aluminum oxide and plated diamond points, mounted brushes, fluted engraving burs, V Stones, mounted & unmounted felt bobs, red rouge, mandrels, grinding stone, rubber bonded wheels, cotton buff, and cut off disc.

**AKHK25** 10-Pc Kit contains unmounted and mounted accessories with 1/8" shanks including a carbide bur, CeramCut Blue Stones, cut off Wheel, mounted brush, rubber bonded abrasive wheels, and three mandrels.

**Motor Hangers** suspend hang-up motors above the work bench. These have 3-pc hexagonal support rods and top safety hook rod that can hold one or two motors. **MAMH-1** has a clamp mount and **MAMH-2** base mount attaches with screws. Both have a handpiece rest, safety clips, couplings and set screws. On facing page.



## Kits are an easy and more affordable way to get started with Foredom.

Kits include—a motor, speed control, and handpiece plus an assortment of rotary accessories (burs, bits, etc.).

Order by Part Number Shown in Red

Kit K.2272 is packaged in a 19" x 12-1/4" x 4-1/2" display box. All other kits come in white box.

kits with metal foot controls are packed in a 17-3/4" x 24-1/4" x 4-1/2" white box.



### SR Motor Kits

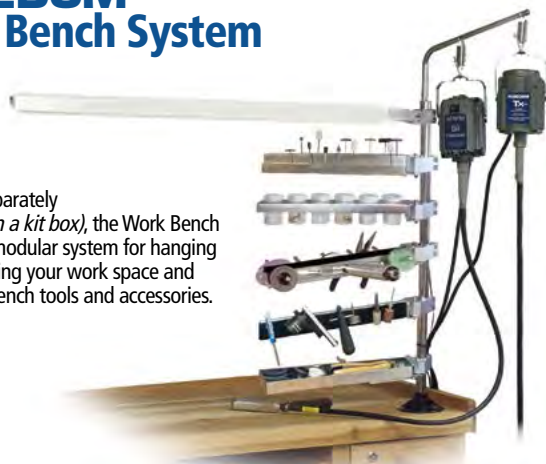
Kit No.	Price	Description
<b>K.2272</b>	<b>\$372.32</b>	Classic General Purpose Kit with H.30® Chuck Handpiece 10.7 lb,
Options:		
<b>K.2273</b>	<b>\$423.28</b>	Kit with Bench Clamp Motor Hanger, 13.6 lb
<b>K.2274</b>	<b>\$444.08</b>	Kit with Base Mount Motor Hanger, 14.0 lb
<b>K.2272-2</b>	<b>\$372.32</b>	230 Volt Kit, 10.7 lb, US Plug or specify power plug.
<b>K.2272-21CE</b>	<b>\$408.72</b>	CE Compliant 230V Kit, 10.9 lb, UK Plug
<b>K.2272-22CE</b>	<b>\$408.72</b>	CE Compliant 230V Kit, 10.9 lb, Continental European
<b>K.SRH440</b>	<b>\$395.20</b>	Industrial SRH Kit with Square Drive Shafting & Metal Speed Control, H.44HT Square Drive Handpiece, 14.4 lb
Options:		
<b>K.SRH441</b>	<b>\$446.16</b>	Kit with Bench Clamp Motor Hanger, 17.3 lb
<b>K.SRH442</b>	<b>\$466.96</b>	Kit with Base Mount Motor Hanger, 17.7 lb
<b>K.SRH440-2</b>	<b>\$395.20</b>	230V Kit, 14.4 lb, US Plug or specify power plug.
<b>K.SRH440-21CE</b>	<b>\$431.60</b>	CE Compliant 230V Kit, 14.6 lb, UK Plug C.FCT-2CE Foot Control is substituted for C.SCT
<b>K.SRH440-22CE</b>	<b>\$431.60</b>	CE Compliant 230V Kit, 14.6 lb, Continental European Plug C.FCT-2CE Foot Control is substituted for C.SCT

### TXH Motor Kits 115 Volt ONLY

<b>K.TXH440</b>	<b>\$476.32</b>	Industrial TXH Kit with Square Drive Shafting & Metal Speed Control, H.44HT Square Drive Handpiece 13.2 lb,
Options:		
<b>K.TXH441</b>	<b>\$527.28</b>	Kit with Bench Clamp Motor Hanger, 16.1 lb
<b>K.TXH442</b>	<b>\$548.08</b>	Kit with Base Mount Motor Hanger, 16.5 lb

## FOREDOM® Work Bench System

Available separately (will not fit in a kit box), the Work Bench System is a modular system for hanging motors, lighting your work space and organizing bench tools and accessories. Pages 24–25



## Motor Hangers safely suspend hang-up motors above the work bench for ready access.

- Height adjusts to a maximum of 38" from bench top to cross bar, or 36-1/2" from bench to top of motor bale.
- 3-pc hexagonal solid steel support rods with couplings and top safety hook rods can hold up to two motors.
- Designed for easy assembly, they fit in a Foredom kit box or ship separately.



### Bench Clamp Motor Hanger

**MAMH-1 \$50.96**  
Attaches to bench tops up to 2-1/4" thick. 3.2 lb pkg wt.



### Base Mount Motor Hanger

**MAMH-2 \$71.76**  
Can also be wall mounted by using the top support rod and adjusting the safety hook rod to hold a single motor. 3.7 lb pkg wt.

Base Mount screws to top or side of bench.

**MABC-2 \$43.68**  
if purchased separately



MAMH-1 disassembled

### Both MAMH-1 and MAMH-2 include:



#### 2 Spring Safety Clips

**UA10658 \$4.50** ea. if purchased separately  
Prevents jumping and twisting of high torque motors during start-up and acceleration. 5/16" (8mm) diameter holes.



#### Handpiece Rest

**MAHR-2 \$9.36** if purchased separately  
Slides onto 1/2" diameter motor hanger rod. Designed to hold two handpieces when not in use.

### Replacement Parts:

<b>UA115</b>	<b>\$4.50</b>	Hex Key (3/32")
<b>UA10682</b>	<b>\$3.95</b>	Coupling
<b>UA110-5</b>	<b>\$3.64</b>	Set Screws 5-pk (10-32 x 1/4" hexagon socket cup point)

# FOREDOM® Work Bench System

## The MAMH-13 double motor hanger with screw-in base mount and spring safety clips is the central component of the system.

Foredom's Work Bench System is a quality designed and manufactured modular system for lighting a work space and organizing bench tools and accessories. Components are made of brushed stainless steel and anodized aluminum with uniform mounting brackets and they include:

### Dual Motor Hanger **MAMH-13** \$61.36

25-3/4" long x .875" diameter upright rod and height adjustable angled extension rod with two spring hooks can hold up to two motors. Attach it to any bench top with Base Mounting Plate MABC-3 and supplied wood screws. Height adjusts from 30" – 49". 4.3 lb pkg wt

### LED Light Bar **MALB-1** \$144.56

Light up your work surface with this 31-1/2" long light! When it is horizontal it is 'ON' – pivoted 90° upright, it turns 'OFF'. Adjustable height mounting bracket fits the MAMH-13 Motor Hanger, other separate vertical support rods (below). Cord set connects to an adapter/transformer which plugs into an electrical outlet.

**Universal Voltage** Light works on any voltage from 100V to 240V. Specify Plug Adapters for use where 110V – 120V is not available.

31-1/2" (80cm) long, 700 Lumens, 18 Watt, 24 Volt DC, 115 or 230 Volt 50/60 Hz, 8.5 lb pkg wt

### LED Light Bar Plug Adapters:



**United Kingdom**  
(3 prongs, CE)  
Add **-21**  
to Part No.



**Euro Plug**  
(2 prongs, CE)  
Add **-22**  
to Part No.



**Australia Plug**  
(2 prongs)  
Add **-26**  
to Part No.

### 25-3/4" Support Rod **MAAM-L** \$43.68

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

### 17-3/4" Support Rod **MAAM-S** \$40.56

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

### Base Mount for MAMH-13 **MABC-3** \$17.68

Screws to top of bench for permanent mounting. Holds Work Bench support rods or other rods .875" in diameter. Includes screws.

### Replacement Parts:

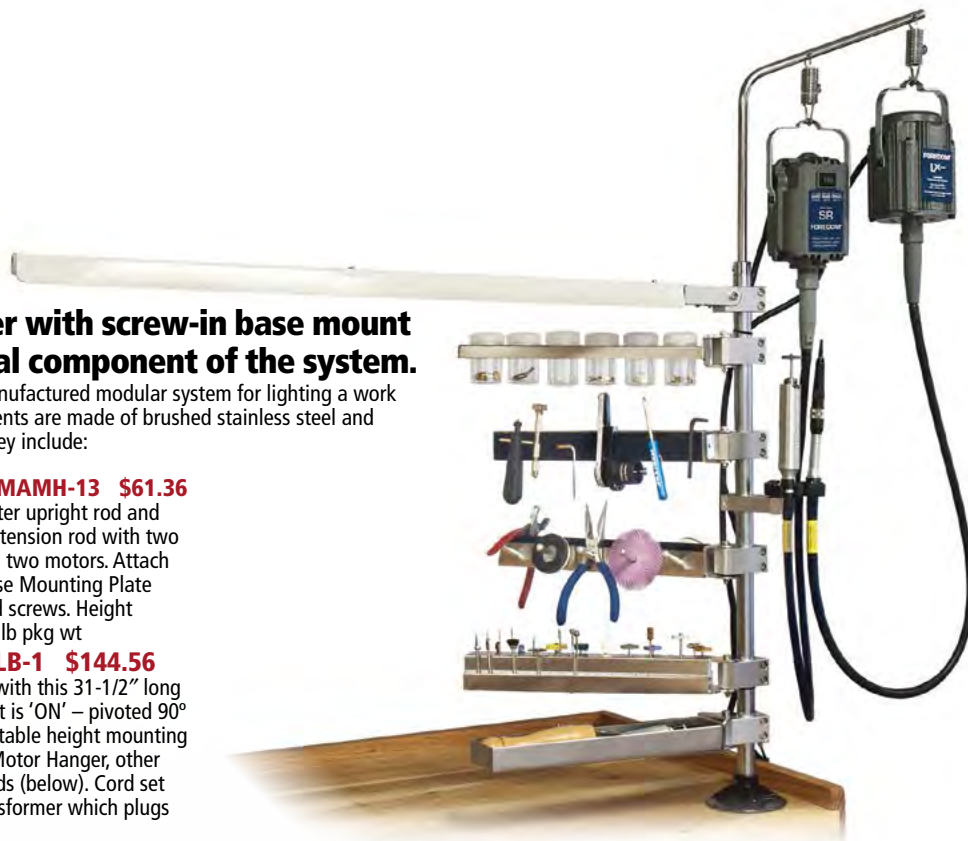
Description	Part No.	Price
Adapter Plug for light	UAL018	\$40.56
UK 3-prong plug adapter	HPL4-506	\$5.72
Australia 2-prong plug adapter	HPL4-507	\$4.16
Europe 2-prong plug adapter	HPL4-508	\$4.16
Light Shade	UAL013	\$7.28
LED Light Strip	UAL007	\$61.36
Spring Hook for Motor Hanger	UAL015	\$4.99



**MAAM-L MAAM-S**



**MABC-3**



Motors, handpieces and rotary accessories NOT included



When **MALB-1** Light Bar is horizontal it is **ON** – pivoted 90° upright, it turns **OFF**.

# Work Bench System– Component Arms, Replacement Parts

## Customize your space with the Work Bench System's Component Arms.

- Uniform mounting brackets attach customizable component arms to the MAMH-13 or an alternate .875" diameter support rod in the order that works best for you.

- Arms average about 12" long and swing 180° horizontally, keeping small tools and accessories in reach when you need them — out of the way when you don't.

**Components CANNOT be used with MAMH-1 or MAMH-2 Motor hangers!**

### Bur Holder Arm **MAAH-B \$71.76**

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 (30 cm x 5 cm x 3 cm), 2.5 lb pkg wt

### Jar Arm **MAAH-J \$57.20**

Stores and organizes beads, jump rings, clasps and many other types of small items in 6– 1.35 oz. (40 ml) plastic jars with screw on tops. Jars are 1-1/2" (3.18 cm) in diameter and 2-1/8" deep (5.5 cm). Arm: 12" l x 2" w x 2-1/2" h (30 cm x 5 cm x 6 cm), 1.7 lb pkg wt. Additional jars available separately, listed below.

### Peg Arm **MAAH-P \$71.76**

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. Five Pegs on each side are 1-1/2" long x 5/16" in diameter (3.7 cm x 0.8 cm). Arm: 12" l x 4" w x 1-1/2" h (30 cm x 10.2 cm x 3.7 cm), 1.9 lb pkg wt

### Magnetic Arm **MAAH-M \$113.36**

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 (30 cm x 1.2 cm x 3.7 cm), 2.6 lb pkg wt

### Tray Arm **MAAH-T \$61.36**

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 (30 cm x 5.8 cm x 3 cm), 2.6 lb pkg wt

### Multi Handpiece Arm **MAAH-H \$78.00**

Has pegs to store and organize six handpieces. Arm: 12" l x 2-1/4" w x 1-1/4" h (30 cm x 5.8 cm x 3 cm), 1.7 lb pkg wt

### Dual Handpiece Rest **MAAH-HR \$30.16**

Holds two flex shaft handpieces. 5-1/4" l x 3-1/4" w x 1-1/2" h (13.3 cm x 8.3 cm x 3.8 cm), 1.1 lb pkg wt

### Large Shelf **MAAH-S3 \$72.80**

Sturdy, powder coated sheet metal shelf holds K.1050 micromotor, accessories or several small tools. Arm: 9.3" x 13.2" (23.5 cm x 33.5 cm), 4.2 lb pkg wt

### Medium Shelf **MAAH-S \$71.76**

Sturdy, powder coated sheet metal shelf for accessories & small tools such as K.1070 micromotor. Arm: 10.2" x 8.7" (26 cm x 22 cm), 3.15 lb pkg wt

### Small Shelf **MAAH-S2 \$70.72**

Sturdy, powder coated sheet metal shelf for accessories & small tools— wax carver, portable micromotor, etc. Arm: 4.7" x 6.1" (12 cm x 15.5 cm), 2.0 lb pkg wt

Replacement Parts:	Part No.	Price
40 ml Plastic Jar with Cap	<b>MAJAR</b>	<b>\$4.50</b>
40 ml Plastic Jars with Caps, 6pk	<b>MAJAR-6</b>	<b>\$9.36</b>
4 mm Head Hex Screw to tighten arms onto rod	<b>UAL302</b>	<b>\$4.50 each</b>

**MAAH-B  
Bur Holder  
Arm**

**MAAH-J  
Jar Arm**

**MAAH-P  
Peg Arm**

**MAAH-M  
Magnetic  
Arm**

**MAAH-T  
Tray Arm**

**MAAH-H  
Multi  
Handpiece  
Arm**

**MAAH-HR  
Dual  
Handpiece  
Rest**

Handpieces and rotary accessories NOT included.

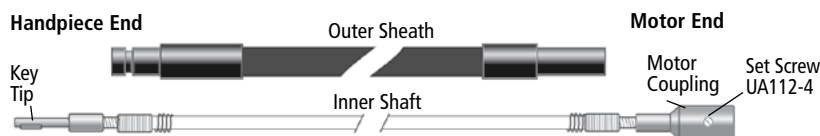
**MAAH-S3  
Large  
Shelf**

**MAAH-S  
Medium  
Shelf**

**MAAH-S2  
Small  
Shelf**

\*Shelf Arms are made of powder coated sheet metal.

# Shaft & Sheath Replacements Key Tip, Square Drive and Slip Joint



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

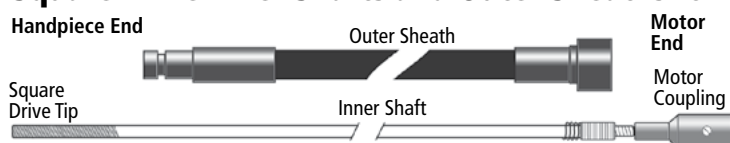
<b>S-93</b>	<b>\$11.44</b>	<b>39" Key Tip Shaft</b> — supplied on motors listed above. Use with Sheaths S-77 or S-77N
<b>S-93-43</b>	<b>\$12.48</b>	<b>46-3/8" Optional Shaft</b> Use with Sheath S-77-43
<b>S-93-66</b>	<b>\$16.64</b>	<b>66" Optional Shaft</b> Use with Sheath S-77-66
<b>S-93-NC</b>	<b>\$17.68</b>	<b>39" Non-Conductive Optional Shaft.</b> Use with Sheath S-77
<b>S-93-NC-66</b>	<b>\$20.80</b>	<b>66" Non-Conductive Optional Shaft.</b> Use with Sheath S-77-66
<b>S-96A</b>	<b>\$11.44</b>	<b>39-1/4" Key Tip Shaft</b> for discontinued EE, GG, MMG motors, 975, 980W, 981W. Use with Sheath S-80
<b>S-97</b>	<b>\$11.44</b>	<b>33-1/2" Key Tip Shaft</b> for discontinued F, JJ, JB motors. Use with Sheath S-82

## Key Tip Factory Pre-Lubed Assemblies

<b>S-93/77</b>	<b>\$31.20</b>	<b>S-93 Shaft + S-77 Sheath Pre-Lubed Assembly</b>
<b>S-93/77-43</b>	<b>\$33.28</b>	<b>S-93-43 Shaft + S-77-43 Sheath Pre-Lubed Assembly</b>
<b>S-93/77-66</b>	<b>\$39.52</b>	<b>S-93-66 Shaft + S-77-66 Sheath Pre-Lubed Assembly</b>

**Maintenance Videos on [foredom.net](http://foredom.net) show you how to properly clean, lubricate and replace shafts and sheaths.**

## Square Drive Inner Shafts and Outer Sheaths for SRH, TXH, LXH



<b>S-10823</b>	<b>\$19.76</b>	<b>63-3/4" Square Drive Shaft</b> — Supplied on motors SRH, TXH and LXH
<b>S-10801TX</b>	<b>\$48.88</b>	<b>63" Square Drive Sheath Assembly</b> — Supplied on motors SRH, TXH & LXH. Includes SS10819 Silencer Spring
<b>SS10819</b>	<b>\$15.60</b>	<b>59-1/2" Silencer Spring</b> for motors listed above
<b>S-10801-NC</b>	<b>\$59.28</b>	<b>63-3/8" Optional Non-Conductive Square Drive Sheath</b> Includes SS10819 Silencer
<b>S-10827-NC</b>	<b>\$24.96</b>	<b>63-3/4" Optional Non-Conductive Square Drive Shaft</b>

## Factory Pre-Lubed Assemblies

<b>S-10816TX</b>	<b>\$72.80</b>	<b>63-3/4" Square Drive Pre-Lubed Assembly:</b> S-10823, S-10801TX with SS10819
<b>S-10816-NC</b>	<b>\$88.40</b>	<b>63-3/4" Non-Conductive, Pre-Lubed Assembly:</b> S-10827-NC, S-10801-NC, SS10819
<b>S-10804TX</b>	<b>\$67.60</b>	<b>45-3/4" Optional Pre-Lubed Assembly:</b> S-10805, S-10802TX with SS10822
<b>S-10804-NC</b>	<b>\$78.00</b>	<b>45" Optional Non-Conductive, Pre-Lubed Assembly:</b> S-10805-NC, S-10802-NC with SS10822

## European Slip Joint Shafts and Outer Sheaths



Replace standard shaft, sheath, and motor connector with a **S-10814 Factory Pre-Lubed Slip Joint Conversion Assembly** and a Foredom motor can be used with Slip Joint Handpieces page 13. Slip Joint Handpieces fit on European flex shaft machines with "slip joint" connection. UA541 Motor Connector is also available separately.

<b>UA112-4</b>	<b>\$4.50</b>	<b>Set Screw 4-pk</b> for all key tip shafts and for all non-conductive shafts.
<b>SS87</b>	<b>\$4.50</b>	<b>Plastic Cup for Non-Conductive Motor Coupling</b> — Key Tip or Square Drive

**Outer Sheaths** for SR, TX, LX, PGX (PowerGraver) Motors and discontinued L, SR (1/8 HP), S, CC, PG, R, K, 900 & 990 **Key Tip Shafts ONLY**

<b>S-77</b>	<b>\$15.60</b>	<b>36-1/4" Sheath</b> — supplied on motors cited above, except PG and PGX. Use with Shafts S-93 or S-93-NC
<b>S-76N</b>	<b>\$27.04</b>	<b>36-1/4" More Flexible Neoprene Sheath.</b> — supplied on PGX and PG motors. Use with Shaft S-93
<b>S-77N</b>	<b>\$29.12</b>	<b>36-1/4" More Flexible Neoprene Sheath.</b> Optional for ALL motors EXCEPT discontinued EE & F. Use with Shaft S-93
<b>S-77-43</b>	<b>\$16.64</b>	<b>43-5/8" Optional Sheath.</b> Use with Shaft S-93-43
<b>S-77-66</b>	<b>\$18.72</b>	<b>63-1/4" Optional Sheath.</b> Use with Shafts S-93-66 or S-93-NC-66
<b>S-80</b>	<b>\$15.60</b>	<b>37-1/8" Sheath</b> for discontinued EE, GG, MMG geared motors, 975, 980W, 981W. Use with Shaft S-96A
<b>S-82</b>	<b>\$15.60</b>	<b>31-1/2" Sheath</b> for discontinued F, JJ, JB motors. Use with Shaft S-97

## Flexade Shaft, Sheath & parts

<b>S-104</b>	<b>\$13.52</b>	<b>34" Flexade Shaft</b>
<b>S-86</b>	<b>\$15.60</b>	<b>32-5/8" Flexade Sheath</b>
<b>UA117-4</b>	<b>\$4.50</b>	<b>Set Screw-4pk</b> , for Flexade & M.BL attachments A-TM-5, A-TM-6, A-WM-5, A-WM-6, A-CHA-5, A-JCA-2
<b>UA112KY</b>	<b>\$4.50</b>	<b>5/64" Allen wrench</b> for UA117-4 Set Screws



## Optional Lengths for SRH, TXH, LXH

<b>S-10805</b>	<b>\$19.76</b>	<b>45-3/4" Optional Square Drive Shaft.</b> Use with S-10802TX
<b>S-10802TX</b>	<b>\$45.76</b>	<b>45" Optional Square Drive Sheath Assembly.</b> Includes SS10822. Use with S-10805
<b>SS10822</b>	<b>\$15.60</b>	<b>41-1/2" Optional Silencer Spring</b>
<b>S-10805-NC</b>	<b>\$21.84</b>	<b>45-3/4" Optional Non-Conductive Square Drive Shaft</b>
<b>S-10802-NC</b>	<b>\$52.00</b>	<b>45" Optional Non-Conductive Square Drive Sheath with SS10822</b>

## For Discontinued Series H Motors

<b>S-10805</b>	<b>\$19.76</b>	<b>45-3/4" Square Drive Shaft</b>
<b>S-10802A</b>	<b>\$47.84</b>	<b>44-3/8" Square Drive Sheath Assembly.</b> Includes SS10822
<b>SS10822</b>	<b>\$15.60</b>	<b>41-1/2" Silencer Spring</b>
<b>S-10804B</b>	<b>\$72.80</b>	<b>45-3/4" Factory Pre-Lubed Assembly</b> S-10805, S-10802A with SS10822
<b>S-10805/45</b>	<b>\$24.96</b>	<b>Shaft for Older Series H Motors</b> that had square drive tips on BOTH ends and no coupling. Converts connection to a current version with coupling. Use with S-10802A Sheath.

## Slip Joint Components

<b>S-108141</b>	<b>\$13.52</b>	<b>93.7cm Slip Joint Shaft</b> with shaft adapter and silencer
<b>S-108142</b>	<b>\$16.64</b>	<b>95.3cm Slip Joint Sheath</b>
<b>UA541</b>	<b>\$12.48</b>	<b>Slip Joint Motor Connector</b>
<b>S-10814</b>	<b>\$45.76</b>	<b>Factory Pre-Lubed Conversion Assembly</b> with Shaft, Sheath and Shaft Adapter

## Maintenance— Flex Shaft Motor Supplies and Parts

Foredom machines are known to last for decades. Over the life of a machine, you can expect to clean, lubricate, replace shafts, sheaths, and motor brushes. Bearings wear over time and may require replacement. Tiny screws roll off the table and disappear forever. You can install new parts and do routine maintenance on your own without having to send the tool back to the factory, or replace it altogether.

### INTRODUCING Tune-Up Kits—

32-Pc Tune-Up Kits have maintenance supplies for motors with key tip shafts and parts they commonly need with long term or continuous use. Good maintenance keeps motors and handpieces running at peak performance and can even keep heavily used, older, even discontinued or worn machines running like new. The photo at right shows typical Tune-Up Kit contents.

#### Kits contain:

Key Tip Shaft	A-PS83 Screwdriver
Sheath	Pin & Wrench Assembly for H.44T Handpieces
Tube of Foredom Grease	Set Screws for Key Tip Shafts, 4-pk
Motor Connector	Motor & Handpiece Ball Bearings, 2-pk
Set Screws for Motor Connector, 4-pk	Handpiece Grip for H.30® Handpieces
Spring Clip for Key Tip Handpieces	Hanging Bale for Motor
Catch Ball for all Handpieces, 4-pk	4 Shoulder Screws for Motor Bales
Chuck Key for H.30® Handpieces	Motor Brush Pair for Motor
	Motor Brush Caps, 2-pk

**\$70.72 each**

**MSP12** For Current Series SR motors built since 2005.

**MSP10** For Series TX & LX motors.

**MSP16** For old, discontinued 1/8HP Series S & SR motors (made prior to 2005).

**MSP14** For old and discontinued Series CC motors 115 Volt ONLY.

### Motor Maintenance Kits—

**Maintenance Kits contain: shaft, grease, pair of motor brushes, operating manual.** Sheath NOT included. They are for flex shaft machines with Key Tip Shafts and are for 115 and 230 Volt models, *except where noted.*

**MSMK-16** **\$22.88** For Series TX and Series LX Motors

**MSMK-10** **\$18.72** For 1/6HP Series SR Motors

**MSMK-8** **\$18.72** For Discontinued 1/8HP Series SR and S Motors

**MSMK-9** **\$18.72** For Discontinued 1/10HP Series CC 115 Volt Motors ONLY

**MSMK-9A** **\$22.88** For Discontinued 1/10HP Series CC 230 Volt Motors ONLY

### Motor Connector, Set Screw

**UA111P** **\$3.64** Motor Connector for Series TX, SR, LX, PGX S, CC, R, L & PG Motors. Includes set screw

**UA113-4** **\$4.50** Set Screw for Motor Connector, 4-pack

### 5" Screwdriver

**A-PS83** **\$5.10** Fits many small screws used on various Foredom products, including those shown here. Double ended screwdriver with 1/8" wide flat blade and Phillips tip.

### Lubrication Supplies

**MS10006** **\$3.64** Foredom Flexible Shaft Grease in 1 oz tube

**MS10005** **\$4.68** Foredom Motor & Handpiece Oil (10 Wt.) in hypodermic dispenser, 1/4 oz

**MS10008** **\$4.68** Foredom Grease in 1/2 oz tube for H.50 & H.50C Chisel Handpieces

### Elma 85 General Purpose Ultrasonic Cleaning Concentrate

General purpose concentrate for all metal surfaces. Removes dirt, grease, and polishing compounds. Free of alkaline and acid substances, biodegradable & non-ammoniated. Combine concentrate with tap water. Used in ultrasonic cleaners and rotary tumblers.

**DA10985** **\$40.56** (per quart) 1 Quart Yields 5 Gallons

**A-RT04** **\$18.95** (4 ounces) 4 oz. Yields 2.5 Quarts



**Foredom's 32-Pc Tune-Up Kits** have the most needed maintenance items for continuous usage. *also listed separately on this page and the following page.*



Many helpful maintenance videos are at [www.foredom.net](http://www.foredom.net)

**Motor Brush Pairs** priced per pair for 115 Volt and 230 Volt Motors except where noted.

**MP319P** **\$12.48** For Series TX, TXH, LX, LXH, L, PGX, PG Motors

**MP132P** **\$9.36** For 1/6HP Series SR & SRH Motors

**MP262P** **\$9.36** For M.BL, BL-1, BL-1A, BL-2 Bench Lathes

**MP2019P** **\$9.36** For 1/8HP Series SR, S, H & K Motors

**MP119P** **\$9.36** For CC, MM, DD Motors **115V ONLY**

**MP117P** **\$11.44** For R, RB, EE, MMG, GG and **230V** CC Motors

**MP229P** **\$9.36** For discontinued Bench Grinders 1 & 5, and discontinued Series F motors with slots.

**Motor Brush Caps** sold individually

**MP133** **\$4.50** For 1/6HP Series SR & SRH, Series TX, TXH, LX, LXH, PGX Motors

**MP120** **\$4.50** For 1/8HP Series SR & S, Series CC, L, PG, Motors & Arch Trimmers and older Series TX and LX motors with only one front label (no back label)

**MP273** **\$4.50** For M.BL, BL-1, BL-1A, BL-2 Bench Lathes

### Hang Up Motor Bales & Bale Screws

**UA1059** **\$4.50** Bale for Current Motors and S and 1/8HP Series SR Motors

**UA105** **\$4.50** Bale for Discontinued Series CC and R Motors

**UA106-4** **\$4.50** per 4-pk Shoulder screws for attaching bales to SR & TX Motors

### Base and Yoke Assembly

**UA10451** **\$72.80** Cast Iron Base and Yoke Assembly fits Series TX, TXH, SR, SRH, LX, LXH, PGX Motors. Also fits discontinued S and 1/8 hp SR Motors. Will NOT fit discontinued CC, L and PG Motors. Turns a hang-up style motor into a bench mount model. Easy to install, includes screws. 6.7 lb packaged wt.



# Handpiece Collets and Parts

## Handpiece Collets

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-4 for BL Lathe

**HP440 \$62.40** Set of 7 Collets— 1 ea below with \*.

Individual collets **\$8.84 each**

<b>HP442</b>	*3/32" (2.35 mm)	<b>HP445</b>	*3/16" (4.8 mm)
<b>HP448</b>	*3 mm	<b>HP449</b>	*6 mm
<b>HP443</b>	*1/8" (3.18 mm)	<b>HP447</b>	*1/4" (6.35 mm)
<b>HP444</b>	*5/32" (4 mm)	<b>HP446</b>	7/32" (5.5 mm)

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

**HP600 \$36.40** Set of 4 Collets— 1 ea below.

Individual collets **\$8.84 each**

<b>HP602</b>	1/16" (1.6 mm)	<b>HP604</b>	1/8" (3.18 mm)
<b>HP603</b>	3/32" (2.35 mm)	<b>HP605</b>	3 mm

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

**HP103000 \$84.76** Set of 5 Collets 1 ea below with \*.

Individual collets **\$18.72 each**

<b>HP103116</b>	*1/16" (1.6 mm)	<b>HP103124</b>	3 mm (not in set)
<b>HP103115</b>	*3/32" (2.35 mm)	<b>HP103126</b>	4 mm (not in set)
<b>HP103114</b>	*1/8" (3.18 mm)	<b>HP103119</b>	6 mm (not in set)
<b>HP103113</b>	*3/16" (4.8 mm)		
<b>HP103112</b>	*1/4" (6.35mm)		

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

<b>HP001.014</b>	<b>\$58.76</b>	3 mm for H.10, H.10D
<b>HP012.010</b>	<b>\$58.76</b>	3/32" (2.35 mm) for H.10, H.10D
<b>HP201.010</b>	<b>\$58.76</b>	1/8" (3.18 mm) for H.10, H.10D
<b>HP703</b>	<b>\$29.12</b>	3/32" (2.35 mm) for H.18, H.18D, H.18SJ
<b>HP3-1008</b>	<b>\$10.92</b>	3/32" (2.35 mm) with 1.5mm hex key for H.20, H.20D, H.20SJ

## Collet Adapters for Collet Style Flex Shaft and Micromotor Handpieces

**\$16.95 ea**

<b>HPL4-3233</b>	3/32" to 1/16"	<b>HPL4-3236</b>	1/8" to 3/32"
<b>HPL4-3234</b>	1/8" to 1/16"	<b>HPL4-3237</b>	3.0 mm to 1.6 mm
<b>HPL4-3235</b>	3.0 mm to 3/32"		

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

<b>HP58</b>	<b>\$8.32</b>	Ball Bearing for H.8, H.8D, H.8SJ, H.28, H.28H, H.28SJ
<b>HP61</b>	<b>\$8.32</b>	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
<b>HP43</b>	<b>\$4.50</b>	Spring Clip for ALL Handpieces EXCEPT Slip Joint
<b>HP48-4</b>	<b>\$4.50</b>	Catch Ball, 4-pk for ALL Handpieces EXCEPT Slip Joint
<b>HP3426</b>	<b>\$8.32</b>	Chuck Nut for H.43T, H.44T, H.44HT, H.44TSJ, A-CHA-4 & A-CHA-5
<b>HP2826</b>	<b>\$10.66</b>	Chuck Nut for H.28, H.28H, H.28SJ Handpieces, A-69224 Right Angle Attachment
<b>HP103105</b>	<b>\$10.35</b>	Chuck Nut for H.25, H.25H, H.35, H.35SJ
<b>HP44A</b>	<b>\$4.50</b>	Chuck Nut for H.8, H.8D, H.8SJ
<b>HP76</b>	<b>\$13.00</b>	Duplex Spring
<b>HP76B</b>	<b>\$156.00</b>	Duplex Spring, 12-pack

## Handpiece Grip **HPG-30 \$4.50**

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



Always Wear Eye and Dust Protection While Using Rotary Power Tools  
FOREDOM® FOREDOM ELECTRIC CO. www.foredom.net

## Chuck Keys & Wrenches for Handpieces and Attachments

<b>HP72</b>	<b>\$4.50</b>	#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 and H.MH-120
<b>HPCK-0</b>	<b>\$6.24</b>	#0 Chuck Key with plastic handle for H.30®, H.30-C1, H.30-C2, H.30H, H.30SJ, H.25C, A-JCA-1, A-JCA-2 Chuck Arbors and H.MH-120
<b>HP10586</b>	<b>\$3.64</b>	11/32" Wrench Assembly for Handpieces H.8, H.8D. Also Right Angle Attachment A-69224
<b>HP10588</b>	<b>\$3.64</b>	11/32" Pin & Chuck Wrench for Handpieces H.28, H.28H, H.28SJ
<b>HP103117</b>	<b>\$3.64</b>	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
<b>HP5238</b>	<b>\$4.50</b>	3/8" Wrench for H.52, H.52D, H.52SJ
<b>HP50012</b>	<b>\$4.50</b>	12mm Wrench for H.50 & H.50C Chisel Handpieces



## Speed Control Parts

### Trigger Switches for Foot Operated Speed Controls

If your foot control starts running at full speed ONLY and loses variable speed functioning, try replacing the trigger switch, which you can install yourself.

**\$11.44 each**

<b>CP10857</b>	For C.FCT-1/C.SCT-1, C.FCH-1/ C.SCH-1 (115V)
<b>CP11251-REP</b>	For C.TXR-1/C.SXR-1 (115V)
<b>CP11027</b>	For C.FCT-2/C.SCT-2, C.FCH-2/ C.SCH-2 (230V). Also For C.TXR-2/C.SXR-2 (230V)



### Circuit Boards for Foot & Dial Operated Speed Controls

If your foot control starts running at full speed ONLY and loses variable speed functioning, try replacing the circuit board.

<b>CP10874</b>	<b>\$30.00</b>	For C.SXR-1 (115V) and C.SXR-2 (230V)
<b>CP10495</b>	<b>48.88</b>	For C.EM-1 & C.EMX-1 (115V)
<b>CP10495-2</b>	<b>48.88</b>	For C.EM-2 & C.EMX-2 (230V)
<b>CP10495-F</b>	<b>48.88</b>	For Dual Range C.EMF-1 (115V)
<b>CP10495-2F</b>	<b>48.88</b>	For Dual Range C.EMF-2 (230V)
<b>CP10495-XF</b>	<b>48.88</b>	For Dual Range C.EMXF-1 (115V)
<b>CP10521</b>	<b>20.28</b>	For C.TXR (115V and 230V)



### Fuses for Dial Operated Speed Controls

If your dial control stops running, check to see if the fuse is blown. Fuse compartment and supplied spare fuse are located below detachable power cord receptacle.

**\$4.50 each**

<b>CP10513</b>	3 Amp fuse for C.EM-1, C.EMF-1, C.EMHF-2, C.EMX-2
<b>CP10515</b>	5 Amp fuse for C.EMX-1, C.EMXF-1, C.EMH-1
<b>CP10511</b>	1.5 Amp fuse for C.EM-2, C.EMG-1, C.EMG-2, C.EMGX-1 and C.EMGX-2



## Replacement Power Cords

Plug End	Detachable Part No.	Price	C7 Detachable Part No.	Price	Stripped & Tinned Part No.	Price
US	<b>CP10831</b>	<b>\$10.40</b>	<b>CP10595</b>	<b>\$ 5.72</b>	<b>CP10541</b>	<b>\$ 6.24</b>
UK	<b>CP10834</b>	<b>21.84</b>	<b>CP10834-C7</b>	<b>21.40</b>	<b>CP10553</b>	<b>16.64</b>
Euro	<b>CP10835</b>	<b>16.64</b>	<b>CP10835-C7</b>	<b>16.50</b>	<b>CP10554</b>	<b>12.48</b>
Australia	<b>CP10836</b>	<b>16.64</b>	<b>CP10836-C7</b>	<b>16.50</b>	<b>CP10556</b>	<b>12.48</b>
Israel	<b>CP10838</b>	<b>16.64</b>	<b>CP10838-C7</b>	<b>17.50</b>	—	
Brazil	<b>CP10843</b>	<b>7.15</b>	<b>CP10842-C7</b>	<b>16.50</b>	<b>CP10841</b>	<b>7.15</b>
India	<b>CP10839</b>	<b>12.48</b>	—		<b>CP10555</b>	<b>16.64</b>



## H.30® Attachments & others: Drill Presses and Handpiece Holders



Foredom drill presses hold a handpiece vertically for drilling straight, accurate, repeatable 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 or 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 or beads, it is a good idea to center punch a starting hole to keep the tip of the drill from "walking" or wandering from the desired starting point. When drilling, raise and lower the drill frequently to clear away dust and debris.

### Mini Vises: recommended for use with Foredom Drill Presses



#### A-F37210 \$18.72

**Plastic Mini Vise** can hold gemstones, shells, and other materials that require water during the drilling or shaping process. Stainless steel threaded shaft for advancing jaw won't rust. 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" diameter for #12 screws. Screws are NOT included.



#### A-F37200 \$29.12

**Zinc Die Cast Mini Vise** firmly grasps small work pieces for precision drilling on the table top. Horizontal and vertical 'v' grooves hold small round pieces. Slots in base are for mounting to drill press table slots. (Mounting hardware included.) 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.

### Handpiece Holders keep the handpiece steady while you bring the work piece to the tool.

Handpiece can be raised between 2-1/4" to 9-1/2" from the work surface (measured from center of handpiece). Includes handpiece mount, rod and MABC-1 clamp. Handpieces and Micromotor NOT included.



#### MAHH-30 \$42.64

**Designed for use with H.30®, H.30H, H.44, H.44T, and H.44HT Handpieces** (page 9-12) with flex shafts. Also great for use with Belt Sander Attachment, page 31.



#### MAHH-70 \$42.64 Designed for use with H.MH-170 Micromotor Handpiece. (page 34)



Handpiece not included

#### P-DP30 \$175.76

**Designed for use with H.30®, H.30H, H.44, H.44T, and H.44HT Handpieces** (page 9 – 12) with flex shafts.

Foredom P-DP30 converts your flexible shaft power tool into a precision drill press. The sturdy, all metal stand is fully adjustable— arm, table, etc. 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. *H.43T Handpiece will not work with P-DP30.* 9.5 lb pkg wt

**DP10619 \$4.50**  
Replacement 7/64" Allen Wrench for tightening H.30® in P-DP30 handpiece mounting. Not shown.



Micromotor not included

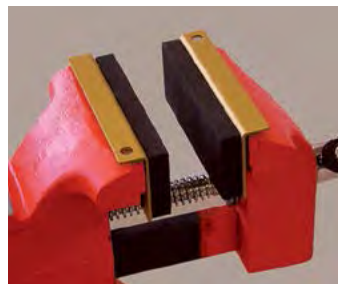
#### P-DP70 \$175.76

**Designed for use with H.MH-170 Micromotor Handpiece.**

Foredom P-DP70 Drill Press designed for use with ONLY a H.MH-170 or H.MH-17018 Brush Type Rotary Micromotor Handpiece (page 34) – Foredom's most widely used micromotor. *It will NOT fit our other micromotor handpieces. 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.

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. *P-DP30.* 9.5 lb pkg wt.

### Soff Jaws Vinyl Acetate Bench vise pads attach to any 3"– 4" vise with magnetic strips.



#### A-SJ35 \$13.50

Cushioned pads made of resilient ethylene vinyl acetate grip odd shapes and prevent marring of polished, painted, or threaded surfaces.



## H.30® Attachments: 2" Angle Grinder



### 1-year limited warranty

The Angle Grinder has a 1 to .75 gear reduction which reduces motor speed by 25%.

**NEVER** use it 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.

### AK69110 \$124.80 2" Angle Grinder Kit

H.30®, H.30H, or H.30SJ required (pages 9–13).

Does **not** include Handpiece, 1 lb pkg wt

### Angle Grinder Kits complete with Handpiece:

**AK69130 \$182** Kit with H.30® Handpiece, 1.25 lb pkg wt

**AK69130H \$182** Kit with H.30H Square Drive Handpiece, 1.5 lb pkg wt

**AK69130SJ \$182** Kit with H.30SJ Slip Joint Handpiece, 1.25 lb pkg wt

### Included in All Angle Grinder Kits: *Priced if purchased separately*

Angle Grinder Head (with A-2202 Sanding Flap Wheel–120 grit attached)

5mm Short Hub for mounting installed Flap Wheel and other 2" and smaller accessory wheels and discs: Typhoon® Discs, Radial Bristle Discs, Cut Off and other Flap Wheels. **A-69212 \$4.16**

8mm Long Hub for mounting Velcro Sanding Heads, stacks of 3 to 4 Radial Bristle Discs, and other wheels  
**A-69212L \$4.16**

Inner Wheel Arbor for attaching 3/8" arbor hole accessories  
**A-69213 \$4.16**

Screw-Lok Disc Mandrel	<b>A-69225</b>	<b>\$5.20</b>
Velcro Hook Disc Mandrel	<b>A-69222</b>	<b>6.55</b>
Face Spanner Wrench	<b>A-69217</b>	<b>3.64</b>
Open End Wrench	<b>A-69218</b>	<b>3.64</b>
3mm Hex Key	<b>A-69219</b>	<b>4.50</b>
Drive Cup	<b>A-69210</b>	<b>5.20</b>

### Rotary Accessories included in Kits

AK69110, AK69130, AK69130H and AK69130SJ:

#### For use with Velcro® Hook Type Disc Mandrel:

Imperial Micro-finishing Film PSA Discs-  
**A-4594**– 320 grit, **A-4593**– 400 grit,  
**A-4592**– 600 grit

PSA Velcro Discs (5-pk) **A-10041-5** with Loop surface and PSA on reverse (for adhering PSA - pressure sensitive adhesive Sanding Discs to Mandrel)

#### For use with Short Hub:

Sandpaper Flap Wheels with arbor holes-  
**A-2202**– 120 grit, **A-2203**– 240 grit,  
**A-2204**– 320 grit, **A-2205**– 600 grit.

#### For use with Screw-Lok Mandrel:

**A-3522**– 80 grit Abrasive Pad

**Or in place of Flap wheels:**  
Assorted Sandpaper Discs with holes.

Comparable rotary accessory substitutions may occur.

**For more rotary accessories for the 2" Angle Grinder Attachment see pages 72–76.**

### 2" Angle Grinder attachment: ideal for polishing, grinding, and sanding on virtually any material.

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

The aluminum head attaches to Foredom's popular H.30® handpiece– It also fits H.30H square drive and H.30SJ slip joint handpieces.

Length: 3-1/8" Width: 2-1/2" (at widest) Depth: 2-3/4" lubricated ball bearings.

• **A-69210** Drive Cup and **A-69219** Hex Key, tools are used to mount the Angle Grinder on the handpiece.

**5,000–15,000 RPM** Optimum Operating Speed

**18,000 RPM** Max Speed for Short Intervals



### AK69109 \$156.00 2" Angle Grinder Lapidary Kit

H.30®, H.30H, or H.30SJ required. Does **not** include Handpiece, 1 lb pkg wt

This kit includes the same hardware, mandrels and tools as the AK69110 Kit. The difference is the lapidary accessories that come with it:

**A-3402** Screw-Lok Felt Wheel, 5/16" thick for polishing and lapping on stone, metals, plastics and more. Use with compounds.

#### PSA Sanding and Velcro® Discs for use with Velcro Hook-Type Disc Mandrel:

**A-4452**– 120 grit/125 micron, **A-4453**– 220 grit/74 micron, **A-4454**– 320 grit/45 micron, **A-4455**– 400 grit/30 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-10041** PSA Velcro Discs (8-pack) with Loop surface and PSA on other side for attaching PSA Sanding Discs to Mandrel)

# H.30® Attachments: Right Angle Adapter, Belt Sander Kit & Wolf Wax Trimmers

**Belt Sander Attachment can sand & smooth narrow spaces and edges of metal, wood, acrylic & composite materials.** Requires a Foredom H.30, H.30H, or H.30SJ (pages 9–13) Handpiece and Flexible Shaft Machine.

The aluminum head is quality-machined, sturdy and compact with 3 permanently lubricated ball bearings. It mounts with the supplied A-69210 Drive Cup and A-69219 Hex Key.

500 – 4,000 RPM Optimum Speed

5,000 RPM Maximum Speed

One-Year Limited Warranty

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

## Belt Sander Attachment Kits

**AK797210 \$85.28**

H.30®, H.30H, or H.30SJ required.

No Handpiece included, 8 oz pkg wt

## Belt Sander with Handpiece Kits \$139.36 each:

**AK797230** Kit with H.30® Handpiece, 1 lb pkg wt

**AK797230H** Kit with H.30H Square Drive Handpiece, 1.25 lb pkg wt

**AK797230SJ** Kit with H.30SJ Slip Joint Handpiece, 1.25 lb pkg wt

## Kits Include:

- 10mm x 257mm Belt, 180 grit installed, 3 each: 100, 180 & 240 grit, 10mm Belts
- A-69210 Drive Cup and A-69219 Hex Key, tools also used to mount the Angle Grinder on facing page.

## Replacement Sandpaper Belts

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

Grit	\$3.85 / 5Pk 7mm Belts*	\$4.89 / 5Pk 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

Coarse 3 each 100, 180, 240 grits	Assortments 7mm Belts \$5.46 / 9-Pk AK797409	Assortments 10mm Belts \$7.07 / 9-Pk AK797509
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Fine 3 each 320, 600, 1000	\$5.46 / 9-Pk AK797429	\$7.07 / 9-Pk AK797529
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All Grits: 3 each 100, 180, 240, 320, 600 and 1000	\$10.92 / 18-Pk AK797439	\$14.14 / 18-Pk AK797539
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\* 7mm Belts came installed on Older Model Belt Sander Attachments with Serial #'s from H11XXXXX to H09XXXXX

## Right Angle Attachment converts H.30® into a Right Angle Handpiece

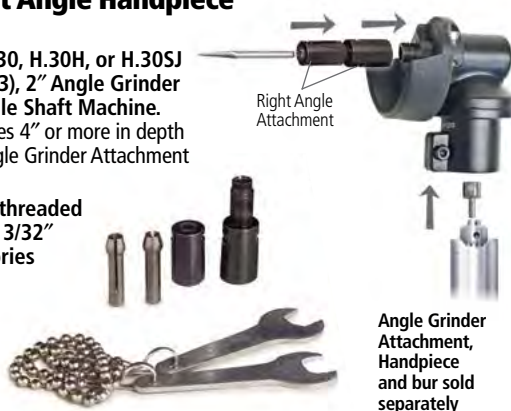
**A-69224 \$49.92**

Requires a Foredom H.30, H.30H, or H.30SJ Handpiece (pages 9 – 13), 2" Angle Grinder Attachment, and Flexible Shaft Machine.

Attachment fits into spaces 4" or more in depth when mounted on an Angle Grinder Attachment and an H.30® Handpiece.

**Includes: collet holder, threaded connector, 2 collets for 3/32" and 1/8" shank accessories and 2 wrenches.**

1/16" and 3mm collets are available separately and in Collet Set HP600, page 28.



**Wolf Wax Trimmers are designed for jewelers to trim carving wax and for doing inlay and channel setting accurately and quickly.** Foredom and tool designer, jeweler and educator Kate Wolf have partnered to offer these tools!

## Wolf Trimmer A-WT1727 accurately and quickly trims carving wax.

Requires a Foredom H.30, H.30H, or H.30SJ Handpiece (pages 9– 13 and Flexible Shaft Machine.

**NEW A-WT1727 \$47.84**

- Fits onto a Foredom H.30® handpiece, can be hand held (against a table or benchpin) or placed in a GRS BenchMate bracket.

- 3" diameter table for trimming wax or plastic at a 90° angle. Use with a cylinder bur (11mm diameter max.) or other burs.

- Add separating disc(s) to cut grooves in metal for inlay or channel setting



## Included in both Wolf Trimmer Kits:

*Priced if purchased separately*

**A-WT5910 \$11.44**

## Wax Trimmer Collar

Fits onto H.30® Handpiece and is needed for mounting Wolf Trimmer and Adjustable Wolf Trimmer.



**NEW A-WT1728 \$132.08**

## Wolf Adjustable Trimmer A-WT1728 has added features:

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

- Adjustable table for trimming and making accurate beveled cuts.
- Use with cylinder bur (11.1 mm diameter max.) and H.30® handpiece to quickly and accurately trim wax or plastic.
- Can be hand held (against a table or benchpin) or placed in a GRS BenchMate bracket using the included Wolf GRS Collar.
- Degree indexing on the side of the stainless steel table for easy milling and reproducing precise angles. Table slides to keep gap between table and bur minimal.
- Included Rip Fence helps in making smooth straight cuts.
- Use with separating disk(s) on metal to cut grooves for inlay or channel setting. Can be used with sanding cartridges for metal work.

*Kate Wolf has been carving wax and making award winning jewelry for 37 years, teaching workshops throughout the United States for 25 years and continues to develop tools for jewelers.*

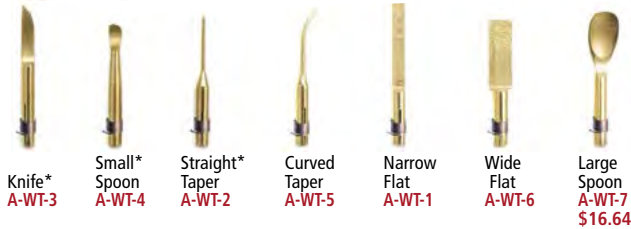
## Wax Carver

Order by Part Number Shown in Red

**Foredom's compact, precise Wax Carver Kit is for jewelers and anyone who makes wax models or carves wax.**

**K.WC-1 \$239.20**  
Wax Carver Kit with A-WT-2, A-WT-3 and A-WT-4 tips. 1.2 lb pkg wt

**K.WC-3 \$282.88**  
Wax Carver Kit with all 7 tips. 1.3 lb pkg wt



**Tips are \$13.00 each except for A-WT-7 —if purchased separately**

**Brass Tips** are easy to clean and change. 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 asterisk\*. Kit K.WC-3 includes all 7 tips.

## Foredom Micromotor Separate Components and Replacement Parts

<b>Handpiece Cradle - all kits</b>	<b>HP4-933</b>	<b>\$6.76</b>
<b>Fuse</b> Brush & brushless kits Type GDC-3.15 <i>except</i> K.1060 Brushless Micromotor	<b>HP4-110</b>	<b>\$3.64</b>
<b>Fuse</b> GDB 5 Amp, 250V, 5mm x 20mm for K.1060 Brushless Micromotor ONLY	<b>HP6-101</b>	<b>\$3.64</b>

### Micromotor Handpieces

Portable 2.35mm (3/32") collet	<b>H.MH-130</b>	<b>\$239.20</b>
Portable 1/8" collet	<b>H.MH-13018</b>	<b>239.20</b>
Brush Type 2.35mm (3/32") collet	<b>H.MH-170</b>	<b>239.20</b>
Brush Type 1/8" collet	<b>H.MH-17018</b>	<b>239.20</b>
Hammer	<b>H.MH-110</b>	<b>495.00</b>
Chuck style	<b>H.MH-120</b>	<b>338.00</b>
Brushless K.1050 type 2.35mm (3/32") collet	<b>H.MH-150</b>	<b>572.00</b>
Brushless K.105018 type 1/8" collet	<b>H.MH-15018</b>	<b>572.00</b>
New K.1060 Brushless 2.35mm (3/32") collet installed plus 1/8" collet included	<b>H.MH-160</b>	<b>\$499.00</b>

### Control Units

Brush Type 115V-230V	<b>HP4-917</b>	<b>218.40</b>
New 115V-230V K.1060 Brushless	<b>HP4-617</b>	<b>148.93</b>
K.1050 type 115V Brushless	<b>HP4-817</b>	<b>364.00</b>
K.1050 type 230V Brushless	<b>HP4-817-2</b>	<b>364.00</b>

### Foot Controls - Variable and On/Off

Variable, brush type kits	<b>HP4-960</b>	<b>\$65.52</b>
Variable, brushless K.1050 kits	<b>HP7-7060</b>	<b>62.40</b>
Variable, brushless K.1060 kit	<b>HP6-606</b>	<b>43.68</b>
On/Off, brush type kits	<b>HP4-927</b>	<b>27.04</b>



**Compact Control Box A-WT-87 \$54.08 if purchased separately**

2-1/2" x 2" (64 x 51mm) Precision heat control dial sets and maintains temperatures from 95°F (35°C) to 560°F (294°C). Keep it low for delicate work, turn it up for fast wax removal or vary the heat with varying grades of wax. A flashing light shows heat intensity and indicates if the tool is unintentionally left on. It can also be wall mounted. All cords are removable for easy storage. **One Year Limited Warranty**

**Lightweight Handpiece** with cork insulation keeps fingertips cool while working. Extremely flexible, detachable handpiece cord is perfect for fine details in wax.

### 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.

### Wax Carver Plug Adapters:

United Kingdom (3 prongs, CE) Add -21 to Part No.	Euro Plug (2 prongs, CE) Add -22 to Part No.	Australia Plug (2 prongs) Add -26 to Part No.

### Replacement Parts:

Handpiece Cord (41" from metal tip to tip)	<b>A-WT-86</b>	<b>\$24.44</b>	<b>Replacement Plug Adapters</b>
Handpiece	<b>A-WT-82</b>	<b>\$107.12</b>	UK 3-prong <b>HPL4-506</b> <b>\$5.72</b>
Cork Cap for Handpiece	<b>A-WT-84</b>	<b>\$11.34</b>	Australia 2-prong <b>HPL4-507</b> <b>\$4.16</b>
			Europe 2-prong <b>HPL4-508</b> <b>\$4.16</b>

### Replacement Transformers \$28.08

North America Plug	<b>A-WT-85</b>	Continental Europe Plug	<b>A-WT-85-22</b>
United Kingdom Plug	<b>A-WT-85-21</b>	Australia Plug	<b>A-WT-85-26</b>

**Collets for handpieces:** H.MH-130, H.MH-13018, H.MH-170, H.MH-17018, H.MH-150, H.MH-15018 with Serial # 811XXXX and above (after 11/2008)

<b>Discontinued:</b> H.MH-145A, H.MH-135:	
<b>HP4-117</b> 2.35mm (3/32")	<b>\$32.76 each</b>
<b>HP4-117B</b> 1/8" (3.18 mm)	
<b>HP4-117C</b> 3.0 mm	

**Collets for handpieces:** H.MH-150 & H.MH-15018 with Serial # 807XXXX and below (prior to 11/2008):

<b>HP7-5008</b> 2.35mm (3/32")	<b>\$32.76 each</b>
<b>HP7-5007</b> 1/8" (3.18 mm)	
<b>HP7-5006</b> 3.0 mm	

**Collets for handpieces:** H.MH-160 & H.MH-16018

<b>HP6-117</b> 2.35mm (3/32")	<b>\$32.76 each</b>
<b>HP6-117B</b> 1/8" (3.18 mm)	
<b>HP6-117C</b> 3.0 mm	

### Motor Brush Pairs for these handpieces:

H.MH-120	<b>HP2-326</b>	<b>\$15.60</b>
<b>Older</b> H.MH-130 and H.MH-13018	<b>HP8-163</b>	<b>17.68</b>
H.MH-170, H.MH-17018, H.MH-110, <b>Current</b> H.MH-130 and H.MH-13018	<b>HP4-163</b>	<b>17.68</b>
Discontinued: HPMH-011, H.MH-145A, and H.MH-135	<b>HPL4-504</b>	<b>20.28</b>
H.MH-145 discontinued	<b>HPL4-304</b>	<b>21.32</b>

### Collet Changing Wrenches for these handpieces:

H.MH-170 & H.MH-17018, H.MH-150 & H.MH-15018, and discontinued H.MH-145A: **HP4-993 \$6.24**

Discontinued H.MH-135, H.MH-145, and H.MH-145A: **HPJ15-001 \$8.27** **HPJ15-002 \$3.64**



**On/Off foot control for brush type kits only**  
**HP4-927 \$27.04**

## Portable Micromotor Kit – Brush Type



Digital RPM Display

Adapter for charging battery and for corded operation

Dial Speed Control

Handpiece Cradle

**K.1030 \$414.96** 3.5 lb pkg wt with 2.35mm (3/32") collet installed

**K.103018 \$414.96** 3.5 lb pkg wt with 1/8" collet installed

### K.1030 Portable Micromotor runs at speeds up to 30,000 RPMs.

Micromotor with pocket-size control unit has built-in lithium-ion rechargeable battery for portability. Control unit has a digital RPM display at the top and a dial on the front adjusts speed from 0–30,000 RPM. Run time is approximately 6-7 hours, depending on whether the micromotor is in continuous use in battery mode. Plug it in for all day use. Battery charge time is 4 hours. CE Marked.

**Portable Micromotor Handpiece:** **H.MH-130** 2.35mm (3/32") collet installed **\$239.20** if purchased separately or **H.MH-13018** 1/8" collet installed

5" Long, 1/2" Diameter at grip, 7/8" at motor, 6.46 oz/183g Cord Length: 59" DC12V/1.2A, 4.11 in.- oz or 29mNm or 25W Max Torque or Watt Output

- Handpiece (motor) is small and lightweight but has plenty of power for fine detailing, polishing and even grinding on metal, wood, glass and many other materials. Its fan cooled, brush type continuous duty motor runs cool and vibration-free. It has permanently lubricated, shielded ball bearings that require no additional lubrication.

- The handpiece has a twist release rotary type collet for easy changes of 2.35mm (3/32") or 1/8" shank burs, depending on choice of collet installed.

- Collets can be installed and changed. We recommend using collet adapters (at right).

**Control Unit with Built-in Rechargeable Lithium-Ion Battery**

**HP8-310 \$312.00** if purchased separately

2-3/4" Wide, 1-1/4" Deep, 5-1/4" Tall, 9.77 oz. Output: DC 12V/1.2A

**Control Unit Front Speed Dial**

**Control Unit Top:**

- Handpiece Connector Port, • 2-Digit RPM Display
- LED Lights Indicate: Optional On/Off Foot Switch in use,
- Rotational Direction • Battery Charging • Overload

**Control Unit Left Side • On/Off • Battery Charge / Adapter Port**

**Control Unit Right Side • Forward/Reverse Button • On/Off Foot Switch Selector & Port**

**Charger/Adapter HP8-306B \$46.80** if purchased separately

Input: 110-240 Volt, 50/60hz, Output: DC12V/2.0A

Cord length is 72" from adapter to power plug and 48" from adapter to charging pin.

**Rechargeable Lithium-Ion Battery** for K.1030 units made after April 2019

**HP8-B2850 \$104.00** if purchased separately

11v – 2,850mAh Charging Time: 4 hours, Working Time: 6-7 hours

**Includes:**

*Priced if purchased separately*

Handpiece Cradle **HP4-933 \$6.76**

Spare Motor **HP4-163 \$17.68**

**2-year limited warranty on kits**

**Take this one with you! It's perfect for working at multiple stations, craft or outdoor events, demonstrations or when power may not be available.**



**Optional Plastic Carrying Case**  
**AP1130 \$52.00**



**Optional Lightweight Woven Nylon Carrying Pouch**  
**A-KC300 \$19.76**

### Replacement batteries and adapters for older discontinued K.1030 Portable Micromotor Kits:

Prior to April 2019 these K.1030 Micromotor Kits had a dial control unit with a black and white housing as shown in the small photo at left. **The charger or battery for the new K.1030 Micromotor Kits will not work with the old ones and will cause damage if used with the earlier version.** Replacement chargers and batteries for the older micromotors are listed below:

**Charger/Adapter HP8-306 \$46.80** Input: 110-240 Volt, 50/60hz, Output: DC18V/1.8A

**Rechargeable Lithium-Ion Battery**

**HP8-B1800 \$104.00** 14.8v – 1,800mAh Charging Time: 3 hours, Working Time: 5 hours



### Optional Components for K.1030 Micromotor and others

**Collet Adapters for these handpieces:** H.MH-130, H.MH-13018, H.MH-150, H.MH-15018, H.MH-170, H.MH-17018, H.MH-160:

**\$16.95 each**

**HPL4-3233** 3/32" to 1/16"

**HPL4-3236** 1/8" to 3/32"

**HPL4-3234** 1/8" to 1/16"

**HPL4-3237** 3.0mm to 1.6mm

**HPL4-3235** 3.0mm to 3/32"

**Handpiece Cradle - all kits**

**HP4-933 \$6.76**

**Fuse** For kits K.1020, K.1050, K.105018, K.1070, K.17018, K.1080, K.1090 Type GDC-3.15

**HP4-110 \$3.64**

**On/Off Foot Control**

On/Off Foot Control, brush type kits

**HP4-927 \$27.04**



## Micromotor Kits – Brush Type

**K.1070 High Speed Rotary Micromotor runs at speeds up to 38,000 RPM.**



**K.1070 \$414.96** 6.8 lb pkg wt with 2.35mm (3/32") collet installed. CE Marked

**K.107018 \$414.96** 6.8 lb pkg wt with 1/8" collet installed. CE Marked

**Ideal for precise, high speed work, such as light de-burring of cast pieces, bright cutting in jewelry making and fine detailing in woodcarving.**  
*The motor is in the handpiece.*

**High Speed Rotary Handpiece:**  
**\$239.20 if purchased separately**

**H.MH-170** 2.35mm (3/32") collet installed or **H.MH-17018** 1/8" collet installed

6.2" Long, 5/8" Diameter at grip, 1" at motor; 7.3 oz/208g. DC30V/1.2A, 4.2 in.- oz or 29.4mNm or 100W Max Torque or Watt Output

- Contoured grip rotary type handpiece has quick release collet for easy bur changes.
- Fan cooled, brush type continuous duty motor runs cool and vibration-free.
- Permanently lubricated, shielded ball bearings require no lubrication.
- Spare motor brush pair and collet changing wrenches included.
- Coiled cord connects the handpiece to the Control Unit.

### Control Unit

**HP4-917 \$218.40 if purchased separately**

4-3/8" Wide, 5-3/4" Deep, 3-3/4" High Output: DC30V/5.0A

### Control Unit Front for selecting:

- On/Off • Forward/Reverse rotation • Manual/Foot Speed Control.
- An Overload Protection light and an alarm sound alerts you if the motor ever stalls.

### Control Unit Back for selecting:

- Correct voltage for Operation –110/120V or 220/240 Volt
- Variable Speed Foot Control or Optional On/Off Foot Switch

### Variable Speed Foot Control

**HP4-960 \$65.52 if purchased separately**

- Included with K.1070 and other Kits on these pages

### Includes:

*Priced if purchased separately*

Handpiece Cradle	<b>HP4-933</b>	<b>\$6.76</b>
Spare Motor Brush Pair	<b>HP4-163</b>	<b>\$17.68</b>
Spare Fuse	<b>HP4-110</b>	<b>\$3.64</b>
Collet Changing Wrenches	<b>HP4-993</b>	<b>\$6.24</b>



**Foredom's Handpiece Holder and Drill Press designed for H.MH-170 type handpiece on page 29.**



**2-year limited warranty on micromotor kits**

**K.1080 Hammer Micromotor is for stone setting, channel setting and engraving.**



**K.1080 \$699.00** 6.0 lb pkg wt. CE Marked

*Hammer Handpiece has an adjustable impact force for excellent control.*

### Hammer Handpiece

**H.MH-110 \$495.00 if purchased separately**

6-1/4" Long, 9/16" Diameter at grip, 1" at motor, 13 oz/369g. DC30V/1.5A.

- Hammer action engages ONLY when light pressure is applied. This prevents unintended marring or marks and allows precise placement of tool tip.
- Force of impact adjusts from light to full by turning the knurled metal ring while the motor is off or running.
- Speed of the hammer action can be varied from 0–2,500 strokes per minute using the control box dial.
- Adapters, anvil points, graver holder, screwdriver and spare motor brush pair included.
- Coiled cord connects the handpiece to the Control Unit.

### Control Unit

**HP4-917 \$218.40 if purchased separately**

4-3/8" Wide, 5-3/4" Deep, 3-3/4" High Output: DC30V/5.0A

### Control Unit Front for selecting:

- On/Off • Forward/Reverse rotation • Manual/Foot Speed Control.
- An Overload Protection light and an alarm sound alerts you if the motor ever stalls.

### Control Unit Back for selecting:

- Voltage for Operation –110/120V or 220/240 Volt
- Variable Speed Foot Control or Optional On/Off Foot Switch

### Variable Speed Foot Control

**HP4-960 \$65.52 if purchased separately**

- Included with K.1080 and other Kits on these pages

### Includes:

*Priced if purchased separately*

Handpiece Cradle **HP4-933** **\$6.76**

Adapter for Threaded Anvil Point (installed) **HPH8-32** **\$49.92**

Anvil Points (3) with Threaded Shanks **HP10177** **\$6.24 each**

Graver Holder **HPH8-214** **\$20.80**

**Graver Holder** Screws into front end of H.MH-110 Handpiece and converts it into a power engraving tool. Includes Hex Key and 2 Pins for tightening Anvil Points. Graver not included.

Optional Anvil Points, 6-pc Set and Gravers shown on page 76. Graver Set is listed on page 45.



## NEW in 2019!

### Foredom's HP4-920 Micromotor Splitter Box



**With a Micromotor Splitter Box you can keep any 2 of the handpieces on this page that work with the HP4-917 above, HP4-817, or HP4-817-2 Control Unit on page 36, plugged in and ready to use!**

*Details on page 84.*

Designed for: H.MH-170 or H.MH-17018 high speed rotary, H.MH-110 hammer handpiece or H.MH-120 high torque brush- type handpieces.

## Micromotor Kits – Brush Type

### K.1020 High Torque Micromotor runs at speeds up to 20,000 RPM.



Rotary accessory not included.

**K.1020 \$518.96** 7.3 lb pkg wt. CE Marked

*Plenty of power/torque to accomplish most jobs that a flex shaft can do.*

**High Torque Chuck-style Handpiece H.MH-120 \$338.00** *if purchased separately*  
8-3/32" Long, 1-1/64" Diameter at grip, 1-3/8" at motor, 1lb-2 oz/510g. DC30V/4.82A, 9.24 in.-oz or 65.3mNm or 67W Max Torque or Watt Output

- Geared 3-jaw #0 chuck takes any size rotary accessory or drill bit with shanks up to 5/32" (4mm) diameter.
- Use for de-burring cast pieces, polishing, taking down weld seams, moderate to heavy grinding and rapid stock removal in metal and wood.

**Control Unit HP4-917 \$218.40** *if purchased separately*  
4-3/8" Wide, 5-3/4" Deep, 3-3/4" High Output: DC30V/5.0A

**Control Unit Front for selecting:**

- On/Off • Forward/Reverse rotation • Manual/Foot Speed Control.
- An Overload Protection light and an alarm sound alerts you if the motor ever stalls.

**Control Unit Back for selecting:**

- Correct voltage for Operation –110/120V or 220/240 Volt
- Variable Speed Foot Control or Optional On/Off Foot Switch

**Variable Speed Foot Control HP4-960 \$65.52** *if purchased separately*

- Included with K.1020 and other Kits on these pages

**Includes:** *Priced if purchased separately*

Handpiece Cradle	<b>HP4-933</b>	<b>\$6.76</b>
Spare Motor		
Brush Pair	<b>HP2-326</b>	<b>\$15.60</b>
Spare Fuse	<b>HP4-110</b>	<b>\$3.64</b>
Chuck Key	<b>HPCK-0</b>	<b>\$6.24</b>



### 115 & 220 Volt Micromotor Kits are priced the same. Specify Plug Options for 230 Volt

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example:

**K.1020-21** for United Kingdom, UK CE compliant



**-2**  
North America  
CSA compliant

**-21**  
United Kingdom  
CE compliant

**-22**  
Continental  
Europe CE  
compliant

**-26**  
Australia

**-32**  
Israel

**-34**  
230V Brazil  
**-33**  
115V Brazil

### K.1090 Dual Handpiece Micromotor Kit: a rotary handpiece for high speed work on precious metals + a hammer handpiece for stone setting and texturing.



**K.1090 \$939.00** 8.0 lb pkg wt  
2.35mm (3/32") collet in rotary  
handpiece. CE Marked

**K.109018 \$939.00** 8.0 lb pkg wt  
with 1/8" collet in rotary handpiece.  
CE Marked

**Control unit has a single outlet on front panel for connecting one handpiece at a time.**

**High Speed Rotary Handpiece:** **H.MH-170** 2.35mm (3/32") collet installed  
**\$239.20** *if purchased separately* or **H.MH-17018** 1/8" collet installed  
6.2" Long, 5/8" Diameter at grip, 1" at motor, 7.3 oz/208g. DC30V/1.2A,  
4.2 in.-oz or 29.4mNm or 100W Max Torque or Watt Output

Features listed on facing page.

**Hammer Handpiece**

**H.MH-110 \$495.00** *if purchased separately*

6-1/4" Long, 9/16" Diameter at grip, 1" at motor, 13 oz/369g. DC30V/1.5A.

Features listed on facing page.

**Control Unit**

**HP4-917 \$218.40** *if purchased separately*

4-3/8" Wide, 5-3/4" Deep, 3-3/4" High Output: DC30V/5.0A

**Control Unit Front for selecting:**

- On/Off • Forward/Reverse rotation • Manual/Foot Speed Control.
- An Overload Protection light and an alarm sound alerts you if the motor ever stalls.

**Control Unit Back for selecting:**

- Correct voltage for Operation –110/120V or 220/240 Volt
- Variable Speed Foot Control or Optional On/Off Foot Switch

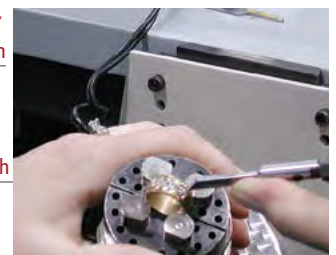
**Variable Speed Foot Control HP4-960 \$65.52** *if purchased separately*

- Included with K.1090 and other Kits on these pages

**Includes:** *Priced if purchased separately*

Handpiece Cradle (2)	<b>HP4-933</b>	<b>\$6.76 each</b>
Adapter for Threaded Anvil Point (installed)	<b>HPH8-32</b>	<b>\$49.92</b>
Anvil Points (3) with Threaded Shanks	<b>HP10177</b>	<b>\$6.24 each</b>
Graver Holder	<b>HPH8-214</b>	<b>\$20.80</b>
Spare Motor Brushes one pair each for H.MH-170 and one for H.MH-110	<b>HP4-163</b>	<b>\$17.68</b>
Spare Fuse	<b>HP4-110</b>	<b>\$3.64</b>
Collet Changing Wrenches	<b>HP4-993</b>	<b>\$6.24</b>

Additional information about handpieces and accessories is on facing page.



# Brushless Micromotor Kits– High Torque/High Speed Dual Port Kits

2-year limited warranty on kits



Digital RPM Display  
Dial Speed Control

2nd Port for Optional  
Brush Type Handpiece

**K.1050 \$934.96** 9.6 lb pkg wt  
with 2.35mm (3/32") collet installed

**K.105018 \$934.96** 9.6 lb pkg wt  
with 1/8" collet installed

*The motor is in the handpiece.*

**High Speed Rotary Handpiece:**  
**\$572.00** if purchased separately

**H.MH-150** 2.35mm (3/32") collet installed  
or **H.MH-15018** 1/8" collet installed

6.3" Long, .75" Diameter at grip, 1.06" at motor, 8.4 oz/237.7g.

DC32V/3.4A, 10 in.- oz or 70mNm or 100W Max Torque or Watt Output

- Sealed housing eliminates dust, noise and vibration.
- Permanently lubricated, shielded ceramic ball bearings require no lubrication.
- Comes with spare fuse in fuse holder and collet changing wrench inside handpiece box. Collets can be installed and changed.

**High Torque Performance at All Speeds:**

**High Speed** for smooth, clean, and sharp detailing in metal and wood. Also great for bright cutting, grinding, finishing, texturing, and polishing.

**Medium Speed** for effortless and fast stock removal in wood, diestone, or acrylic.

**Low Speed** for extra control and power for stone setting and milling.

Control unit digital RPM display shows the speed as you work. The dial on the front adjusts speed from 0–50,000 RPM.

**Control Unit**

**115 Volt: HP4-817 \$364.00** if purchased separately

**230 Volt: HP4-817-2 \$364.00** if purchased separately Specify power plug

5.4" Wide, 9.1" Deep, 7" High, 50/60 Hz, 100VA

- Dial sets precise speed and maximum torque shown on digital display
- Auto cruise setting for foot control • Forward / reverse rotation • Dial / foot speed control
- 2nd port in front of unit for connecting a brush type handpiece
- Built-in overload protection
- Ports in back of unit for connecting brushless handpiece and variable speed foot control.

**Variable Speed Foot Control** **HP7-7060 \$62.40** if purchased separately

- Included with K.1050 and other Kits on this page

**Kits K.1050 and K.105018 Include:**

*Priced if purchased separately*

Handpiece Cradle

**HP4-933**

**\$6.76**

Spare Fuse

**HP4-110**

**\$3.64**

Collet Changing Wrenches

**HP4-993**

**\$6.24**

**115 & 220 Volt Micromotor Kits are priced the same.**  
**Specify Plug Options for 230 Volt**

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example: **K.1050-21** for United Kingdom, UK CE compliant



**-2**

North America  
CSA compliant



**-21**

United  
Kingdom  
CE compliant



**-22**

Continental  
Europe  
CE compliant



**-26**

Australia



**-32**

Israel



**-34**

230V Brazil  
**-33**  
115V Brazil

**50,000 RPM maximum speed, high torque micromotor is powerful even at minimum speeds and you never need to replace motor brushes.**



## Dual Handpiece Brushless Micromotor Kits

Each kit listed below has both H.MH-150 or H.MH-15018 Brushless handpiece plus a Brush-style handpiece that comes with accessories: tools, spare motor brushes, adapters and points that go with that handpiece. See previous two pages for brush-type handpiece descriptions.

**K.1050 or K.105018**  
**Brushless Micromotor**  
**Kits with all components**  
**+ Brush Type Hammer**  
**Handpiece \$1,450.00**

**K.1053** Brushless K.1050 with  
2.35mm (3/32") collet + Brush  
Type H.MH-110 Hammer Hand-  
piece with Accessories

**K.105318** Brushless K.105018 with 1/8" collet +  
Brush Type H.MH-110 Hammer Handpiece with Accessories



**K.1050 or K.105018**  
**Brushless Micromotor**  
**Kits with all components**  
**+ Brush Type Chuck Style**  
**Rotary Handpiece**  
**\$1,242.80**

**K.1055** Brushless K.1050 with  
2.35mm (3/32") collet + Brush  
Type H.MH-120 Rotary Chuck Style  
Handpiece

**K.105518** Brushless K.105018 with 1/8" collet +  
Brush Type H.MH-120 Rotary Chuck Style Handpiece



**K.1050 or K.105018**  
**Brushless Micromotor**  
**Kits with all components**  
**+ Brush Type Rotary**  
**Handpiece**  
**\$1,138.80**

**K.1054** Brushless K.1050 with  
2.35mm (3/32") collet + Brush  
Type H.MH-170 Rotary Handpiece  
both with 2.35mm (3/32") collets

**K.105418** Brushless K.1050 with 2.35mm (3/32") collet +  
Brush Type H.MH-170 Rotary Handpiece with 1/8" collet

**K.105419** Brushless K.105018 with 1/8" collet +  
Brush Type H.MH-170 Rotary Handpiece with 2.35mm (3/32") collet

**K.105420** Brushless K.105018 with 1/8" collet +  
Brush Type H.MH-170 Rotary Handpiece with 1/8" collet



# NEW Brushless Micromotor Kit– High Torque/High Speed

**INTRODUCING: The Most Affordable, Highest Quality Brushless Micromotor on the market with a 2-Year Limited Warranty.**



## K.1060 \$579.00

3/32" (2.35mm) collet plus additional 1/8" collet included  
8.6 lbs. kit pkg wt shipping dimensions: 12" x 10-1/4" x 5-1/4"

**Kit includes:** Control, Handpiece with 3/32" (2.35mm) collet & additional 1/8" collet, Variable Speed Foot Control, Handpiece Cradle, Handpiece Holder and Extra Fuse.

- **Brushless motor design – no need to replace carbon brushes**
- **Powerful even at minimum speeds**
- **50,000 RPM maximum speed**
- **Maximum Torque – (11.3 oz-in / 8 N-Cm) or 160 Watts Output Power**
- **115 or 230 Volt • CE marked, double insulated**

**High Speed** – smooth, clean, and sharp detailing in metal and wood. It's also great for bright-cutting, grinding, finishing, texturing, and polishing. You never need to change the brushes on this handpiece.

**Medium Speed** – ideal for fast stock removal in wood, diestone, or acrylics.

**Low Speed** – offers control and power for stone setting and milling.

*The motor is in the handpiece.*

## High Speed Brushless Rotary Handpiece

**H.MH-160 \$499.00 if purchased separately**

3/32" (2.35mm) collet + additional 1/8" collet included

6-1/2" long, 1/2" diameter at nosecone, 1-1/8" diameter at widest, 5' long handpiece cord

- Brushless motor design – eliminating the need to replace carbon brushes
- Maximum Torque – (11.3 oz-in / 8 N-Cm) or 160 Watts Output Power
- Sealed housing eliminates dust, noise, and vibration
- Ergonomic, comfortable grip
- Easy bur changes – twist to release or lock bur
- Designed for simple collet changes to use 3/32" (2.35mm) or 1/8" shank burs
- Permanently lubricated, shielded, long-lasting ball bearings require no lubrication.
- Collet changing wrenches included.

## Control Unit

**HP4-617 \$148.93 if purchased separately**

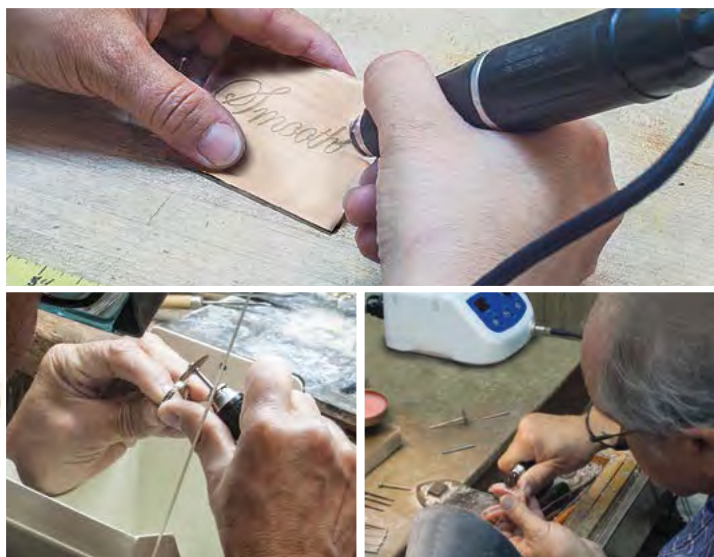
6" wide x 8" deep x 4-1/4" high, 6' cord, 50/60 Hz, 250 Input Watts, 5.4 lb pkg wt

- Dial sets precise speed & selects a maximum speed for operation with foot control
- LED digital speed display
- **Select:** Forward or Reverse rotation • Dial or Foot speed control
- Universal Voltage: 115 or 230 Volt. Specify power cord plug for 230 Volt.
- Built in overload protection
- Convenient handpiece holder with four (4) optional locations on control box
- Tray with lip on top of control box to hold small items

## Variable Speed Foot Control **HP6-606 \$43.68 if purchased separately**

3-3/4" wide x 6-1/4" long x 2-1/2" high, 25 oz wt

- Varies speed from 1,000 to 50,000 RPM.



## 115 & 230 Volt Micromotor Kits are priced the same.

### Specify Plug Options for 230 Volt

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example: **K.1060-21** for United Kingdom, UK



## Parts for K.1060 Micromotor only

Part No.	Price	Replacement Part / Supply
HP6-994	\$8.63	Nosecone Wrench
HP6-993	\$8.63	Collet Wrench
HP6-933	\$5.72	Handpiece Cradle
HP6-610	\$11.65	Handpiece Holder for side of control unit
HP6-101	\$3.64	Fuse GDB 5 Amp, 250V, 5mm x 20mm
HP6-117B	\$32.76	Collet for 1/8" diameter accessories
HP6-117	\$32.76	Collet for 3/32" (2.35 mm) diameter accessories
HP6-117C	\$32.76	Optional Collet for 3 mm diameter accessories

## Optional for K.1060 Micromotor and others

**Collet Adapters for these handpieces:** H.MH-160, H.MH-130, H.MH-13018, H.MH-150, H.MH-15018, H.MH-160, H.MH-170, H.MH-17018:

**\$16.95 each**

<b>HPL4-3233</b>	3/32" to 1/16"	<b>HPL4-3236</b>	1/8" to 3/32"
<b>HPL4-3234</b>	1/8" to 1/16"	<b>HPL4-3237</b>	3.0mm to 1.6mm
<b>HPL4-3235</b>	3.0mm to 3/32"		

### Handpiece Cradle - all kits

**HP4-933 \$6.76**

## Bench Lathe and Kits

### High torque, bench lathe with precision spindles has variable speeds from 500 – 7,000 rpm.

**Powerful**— 1/6 HP, permanent magnet motor is quiet and smooth running with all the power and speed required for a variety of polishing and buffing jobs. Metal base has mounting holes and suction cup feet. Comes with Tapered Spindles (A-TM5—left hand and A-TM6 —right hand) for holding buffs and brushes up to 4" (100mm) in diameter.

**Compact**— with a width between spindle tips of 13" (330mm), an overall height of 5-1/8" (130mm) it is perfect for use at the bench. Height of spindle center from table surface is 3-3/4" (95mm). Weight is 7.5 lb (3.4kg).

• 125 Watt (continuous rating), 1.8 Amps • 5/16" diameter motor shaft • CSA Certified



### Bench Lathe and Kits have a 2-year limited warranty

Part numbers below are for 115 Volt Bench Lathes and kits. See facing page to specify 230 volt and power plug options.

#### Bench Lathe with Tapered Spindles (shown above)

**M.BL \$223.60**

Includes M.BL Bench Lathe with (A-TM5—left hand and A-TM6 —right hand) for holding buffs and brushes up to 4" (100mm) in diameter. 8.0 lb pkg wt.

#### Bench Lathe Kit with Collet Holder and Wheel Mandrel

**K.3340 \$270.40**

Kit Includes M.BL Bench Lathe with A-TM-5 and A-TM-6 Tapered Spindles, A-CHA-5 Collet Holder with 3/32", 1/8", 1/4" collets and A-WM-5 Wheel Mandrel. 9.0 lb pkg wt.

#### Bench Lathe Kit with Buffs and Compound

**K.3390 \$270.40**

Kit Includes M.BL Bench Lathe with A-TM-5 and A-TM-6 Tapered Spindles

**Polishing Compounds:** Bars of Tripoli, Platinum White & Blue, Carnauba Wax

**Bufs:** Two 4" buffs (A-CBF4, A-CYR4), Four 3" buffs (A-CBF3, A-CBC-3, A-CFB3, A-LCB3). 12.0 lb pkg wt.

#### Bench Lathe Kit with Filter Hood

**K.3280 \$509.60**

Kit Includes M.BL Bench Lathe with A-TM-5 and A-TM-6 Tapered Spindles, plus MAFH25 Filter Hood

Designed to work with the Bench Lathe, MAFH25 Filter Hood has strong suction power for removing particles of dust and reclaiming precious metal. Made of powder coated, heavy gauge steel, it has a removable metal water-tight tray, gooseneck mounted bright, long lasting LED light, and clear acrylic shield. Comes with three easy to change filters (1 ea pleated, polyester and charcoal) that are easy to ship to a refiner. 21.1 lb pkg wt.

#### Bench Lathe Kit with Two Dust Hoods

**K.BL-DCH \$317.20**

Kit Includes M.BL Bench Lathe with A-TM-5 and A-TM-6 Tapered Spindles and two MADCH-1 Dust Hoods made of heavy gauge sheet metal with non-skid pads on the bottom. Has 2-1/4" (57 mm) port adapter with elbow that fits MADC20 Dust Collector or other dust collection hoses. 11.5 lb pkg wt.



**Dust Hood MADCH-1 \$53.04 if purchased separately**  
6-1/2" (165mm) High  
4-5/8" (117mm) Wide  
8-5/8" (219mm) Deep  
1.85 lb pkg wt



**K.3340**



**K.3390**



**K.3280**



**K.BL-DCH**

## Bench Lathe Attachments and Parts

**5/16" is the shaft diameter of current M.BL Bench Lathes.**

Foredom's M.BL Lathes manufactured before 2005 had 1/4" diameter motor shafts and parts for them are still available.

*Many of these are included in Bench lathe Kits they may also be purchased separately*

### Tapered Spindles **\$11.96 each**

For left and right hand mounting of buffs and wheels up to 4" diameter. Also for Spindle and Hub Adapters below.



**A-TM5** left side for 5/16" shaft

**A-TM6** right side for 5/16" shaft

**A-TM3** left side for 1/4" shaft

**A-TM4** right side for 1/4" shaft

### Wheel Mandrels **\$17.68 each**

Hold rubber bonded abrasive wheels, grinding stones, sanding drums, brushes and other accessories with 1/4" center mounting holes up to 3/4" thick.



**A-WM-5** left side for 5/16" shaft



**A-WM-6** right side for 5/16" shaft

**A-WM-3** left side for 1/4" shaft

**A-WM-4** right side for 1/4" shaft

### Collet Holder with 3 Collets

Collet holder on arbor for use ONLY on right side of lathe comes with 3/32", 1/8" & 1/4" collets, hex key, pin and wrench for mounting various shank size mandrels, sanding drums, etc. See page 28 for more collets.

**A-CHA-5 \$39.52**



**HP442**  
3/32"

**HP443**  
1/8"

**HP447**  
1/4"



**HP66**

### Chuck Arbor **\$53.04 each**

Chuck Arbor for use ONLY on right side of lathe adjusts to hold accessories with shanks from 0-5/32". Includes chuck key.



**A-JCA-2** for 5/16" shaft

**A-JCA-1** for 1/4" shaft

### Mandrels for Use with

#### A-CHA-5 Collet Holder

These Drum & Disc Mandrels have 1/4" shanks for mounting large sanding bands & discs up to 3". These are just a few that can be used with the A-CHA-5 Collet Holder shown above. See page 70-72 for mandrels.



## 115 & 220 Volt Bench Lathes and Kits are priced the same. Specify Plug Options for 230 Volt

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example:

**K.3340-22** for Continental Europe



**-2**  
North America  
CSA compliant

**-21**  
United Kingdom  
CE Compliant

**-22**  
Continental  
Europe  
CE Compliant

**-26**  
Australia

**-32**  
Israel

**-34**  
230V Brazil  
**-33**  
115V Brazil



### Flexade Attachment

with 5/16" coupling to fit M.BL Bench Lathe

**S.B0-516 \$56.16**

Handpiece sold separately. see pages 9-11

## Attach a Flexade to the bench lathe or other rotary tool and use *any* of Foredom's key tip compatible handpieces with it.

*Select the correct coupling size and Flexade can be attached to a drill, drill press or other lathe you may have.*

It's ideal for use with the M.BL which runs up to 7,000 RPM. Because a Flexade can only run in forward direction it should only be mounted on the right side of the bench lathe as you face it. For best performance, motor speed should operate at 3,500 RPM or higher. Foredom's Belt Sander Attachment for H.30® Handpiece (AK797210, page 31) works well with a Flexade and BL Lathe since it operates best between 500- 4,000 RPM Maximum speed is 18,000 RPM. 34" (86.36 cm) total length.

Coupling size must match the motor shaft size of any tool used to power the Flexade.

A 5/16" coupling fits the M.BL Bench Lathe's shaft diameter and other tools.

### Flexade Attachment

**S.B0-516**

**\$56.16**

with 5/16" coupling to fit M.BL

### Flexades with other coupling sizes:

Coupling Part No. Price

1/4" **S.B0-14 \$56.16**

1/4" Coupling fits Foredom's discontinued Nos. 1 & 5 B & G High Speed Grinders and Foredom's M.BL Lathes manufactured before 2005 with 1/4" diameter motor shafts.

1/2" **S.B0-12 \$56.16**

3/8" **S.B0-38 \$56.16**



## Adapters for Tapered Spindles

### Plastic Spindle Adapters

**\$2.39 each**

Left or right hand adapters for 2" and 3" 3M Scotch-Brite™ Radial Bristle Discs, and buffs & wheels up to 4" diameter, 3/8" thickness and with a 3/8" arbor hole.



**A-4562**  
left side



**A-4561**  
right side

### Hub Adapter for Tapered Spindles

**A-4568 \$6.03**

For left and right hand mounting of 3M FX and wheels with 1" arbor holes on M.BL or other tapered spindles.



**A-4568**

## Replacement Parts for Bench Lathe, Flexade & Attachments

Description	Part No.	Price
Motor Brush Pair for Bench Lathes M.BL, BL-1, BL-1A, BL-2	<b>MP262P</b>	<b>\$9.36</b>
Motor Brush Cap for Bench Lathes M.BL, BL-1, BL-1A, BL-2	<b>MP273</b>	<b>4.50</b>
3A Fuse for 115V and 230V BL's with detachable power cords	<b>CP10513</b>	<b>4.50</b>
3A Fuse for 115V BL's with attached power cords	<b>CP10574</b>	<b>4.50</b>
1-1/2A Fuse for 230V BL's with attached power cords	<b>CP10543</b>	<b>4.50</b>
34" Flexade Shaft	<b>S-104</b>	<b>13.52</b>
32-5/8" Flexade Sheath	<b>S-86</b>	<b>15.60</b>
Set Screw for BL Attachments A-TM5, A-TM-6, A-WM-5, A-WM-6, A-CHA-5, A-JCA-2 and Flexades	<b>UA117-4</b>	<b>4.50</b>
5/64" Hex Key for UA117-4 Set Screws	<b>UA112KY</b>	<b>4.50</b>
Pin & 1/2" Chuck Wrench for A-CHA-4 & A-CHA-5 Collet Holders	<b>HP66</b>	<b>6.86</b>
Suction Cup Feet (priced each)	<b>UA130</b>	<b>4.50</b>

## Filter Hood

**MAFH25**  
**\$310.96**



Use it with a Lathe or with a handpiece

Comes with three filters

### Filter Hood has strong suction power for removing particles of dust and reclaiming precious metal.

The Filter Hood was designed to work with Foredom's M. BL Bench Lathe, larger lathes or a flex shaft or micromotor handpiece. It is ideal for use in jewelry, dental labs, industry, or light woodworking to filter dust and larger particles from light grinding and polishing. The MAFH25 has a variable speed, dual voltage motor that operates in 110V or 220V using a switch on the side and is CE compliant.

Constructed of powder coated, heavy gauge steel, it has a removable metal water-tight tray, gooseneck mounted bright, long lasting LED light, and a clear acrylic shield. Comes with three filters (1 ea pleated, polyester and charcoal) that are easy to change and ship to a refiner.

#### 2-Year Limited Warranty Excluding shield.

##### Dimensions without Lamp:

7-1/2" (19 cm) high, 6" (15.3 cm) wide, 12-3/4" (32.3 cm) deep.

**Weight:** 9.0 lb, 10 lb pkg wt, **Sound Level:** 62 dBA **Fan Rating:** 80 CFM

**Voltage:** Dual 110/220V Specify power plug. **Cord Length:** 67"

**Gooseneck Lamp:** 16-7/8" (424mm) long,

**Tray interior:** 5-3/4" (146mm) long x 4-1/4" (114mm) wide x 1/2" (12mm) high

**Filters:** 5-13/16" (153mm) wide x 5-7/16" (138mm) long, 3/8" (10mm) thick.

#### MAFH25 Replacement Parts:

	Part No.	Price
Motor Brush Pair	MP251P	\$9.36
5A Fuse for current units with one knob on top only	MAFH110	\$3.64
3A Fuse for older units with rocker switch & knob on top	CP10513	\$4.50
Splash Tray	MAFH105	\$16.12

#### 5-pks of Filters:

**Pleated Heavy Paper** for fine particles: 14 Merv Rating, Traps & Holds 95% or more of particles 3.0-10 micron and 85% of 0.3-1.0 micron **MAFH109-5** **\$22.88**

**2-Sided Carbon & Polyester on other side** for fine to medium particles: 13 Merv Rating, Traps & Holds 90% or better of particles 3.0-10 micron and less than 75% of 0.3-1.0 micron **MAFH108-5** **\$8.84**

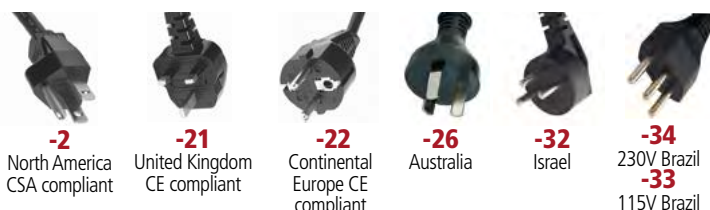
**100% Polyester on both sides** for coarser particles: 8 Merv Rating, Traps & Holds 70%- 85% of particles 3.0-10 micron **MAFH107-5** **\$7.28**

**5-pc Assortment** 2 ea Poly and Poly/Carbon and one Pleated Paper **MAFH120** **\$11.44**

#### Specify Plug Options for regions outside North America

Add the following to the end of the part numbers in red. For example:

**MAFH25-21** for United Kingdom, UK CE compliant



## Lighted Work Chamber

**MALC15**  
**\$414.96**



### Foredom's Lighted Work Chamber is compact, semi-enclosed and designed for use with our MADC20 or other dust collector and compressed air.

The chamber offers excellent visibility and keeps dust and debris contained when grinding, sanding, polishing and drilling small workpieces for dental and other lab technicians, jewelers, carvers, and fabricators.

The compressed air nozzle swivels and air flow can be adjusted from low to high and directed to funnel dust and debris away from the workpiece, through the back of the chamber and into a dust collection system.

#### 2-Year Limited Warranty Excluding shields.

##### Features:

##### Pivoting LED Light

**Compressed Air Nozzle** varies the flow of air up to 90 PSI or 6 Bars. Angle it to blow dust and shavings off the workpiece.

**Vacuum Port** has 2-1/4" diameter connection for hose to a MADC20 Dust Collector, shop vac or other device.

**Remote Switch** with 2-pin style plug outlet for dust collectors with a remote on/off switch is located in the back.

**Power Switch** for the light at the front can also remotely activate a separate dust collector if a remote is used.

**Acrylic Shields** are hinged and adjustable.

**Magnetic Work Rest** cylinder shaped rest with felt covered magnet at bottom, 1-1/2" diameter x 3/16" thick rubber insert on top for workpieces. Includes 2 extra rubber inserts. 1-5/8" diameter x 1-5/8" high overall dimensions.

**Magnifier** - 2-1/2x with 10x insert for closer work is 5" in diameter and hinged.

**Watertight Tray** is 10-1/4" x 6-5/8" with 5/8" lip is removable for cleaning.

**Outer Dimensions:** 11-1/2" (29.21 cm) high, 11" (27.94 cm) wide, 10" (25.4 cm) deep, 11.0 lb, 14.25 lb pkg wt,

**Inner Dimensions:** 8" (20.32 cm) high, 10-1/4" (26 cm) wide, 6-1/2" (16.51 cm) deep

**Voltage:** Dual 110 / 220V. Specify power plug.



#### MALC15 Lighted Work Chamber Replacement Parts:

	Part No.	Price
Elbow fits any 2-1/4" diameter hose	MA825	\$10.40
Magnetic Work Rest	A-MWR03	23.92
Rubber Insert for top of Magnetic Work Rest, 1-1/2" diameter x 3/16" thick	A-MWD2	4.50
4mm Air Hose, 10' long	MALC220-10	6.76
6mm Air Hose, 10' long	MALC221-10	6.76
4mm Hose Connector	MALC219	4.50
6mm Hose Connector	MALC218	4.50
Union Reducer 6 mm to 4 mm	MALC222	5.10

Always Wear Eye and Dust Protection While Using Rotary Power Tools  
FOREDOM ELECTRIC CO. [www.foredom.net](http://www.foredom.net)

## Fishmouth with Bench Pin Assembly



**MADCH-6**  
**\$176.80**

### Fishmouth mounts with a GRS style mounting bracket.

Foredom's Fishmouth with bench pin, acrylic shield, and adjustable arm rests attaches to the workbench for dust control and debris removal. The exhaust port fits a 2-1/4" hose and comes with an elbow to position a dust collector hose as needed.

The curved acrylic shield gives a clear view of your work and also helps keep particles away from your face. A mounting bracket *inside* the Fishmouth holds the Wooden Bench Pin Assembly that comes with it.

#### 2-Year Limited Warranty Excluding shield.

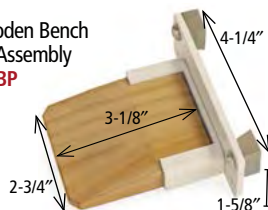
**Fishmouth:** 9-1/2" wide at back, 6" wide at front, Depth: 8-3/4" front to back, 9" high from bottom of metal exhaust port to back.

**Curved Shield:** 8" wide at top, 5" wide at bottom, 10-1/2" high.

**Fishmouth with Bench Pin Assembly:**

6.4 lb wt, 8 lb pkg wt, 13.75" long, x 13.25" deep x 8.5" high shipping dimensions.

Wooden Bench  
Pin Assembly  
**MABP**



Mounting  
Bracket  
**MA604**



#### Included:

Wooden Bench  
Pin Assembly

*Priced if purchased separately*

**MABP**

**\$31.15**

Wooden Bench Pin

**A-WB**

**\$5.72**

Elbow fits any 2-1/4"  
diameter hose

**MA825**

**\$10.40**

Mounting Bracket

**MA604**

**\$18.72**

### Dust Hood

**MADCH-1 \$53.04**

Hood is of heavy gauge sheet metal construction with non-skid pads on the bottom and holes for mounting on workbench, (screws NOT included).  
2-1/4" (57 mm) elbow MA825 fits MADCH20 Dust Collector or other dust collection hoses.  
6-1/2" (16.5 cm) high x 4-5/8" (11.7 cm) wide  
8-5/8" (21.9 cm) deep, 1.85 lb pkg wt.

#### Included:

Elbow fits any 2-1/4"  
diameter hose

*Priced if purchased separately*

**MA825**

**\$10.40**

## Jumbo Work Chamber with Light

**MALC30**  
**\$450.00**



21" high x 22-3/4" wide  
23" deep including hose port in back

Elbow is  
included –  
Hose is not

### Huge and semi-enclosed!

Use it with MADCH20 Dust Collector or other dust collection system. It comes with a bright LED light with magnetic base that can be repositioned in the work chamber.

Fabricators working on small to medium size workpieces will find it easier to keep dust and debris under control when grinding, sanding, polishing and drilling. Large enough for a M.B.L bench lathe to fit inside, it is also ideal for sifting enamel with the shield up and the dust collector set to low – medium vacuum speeds. Arm openings with padded arm rest offer easy access. Shield and LED Light offer excellent visibility. Chamber ships in a flat box but is easy to assemble with a Philips screwdriver.

#### 2-Year Limited Warranty Excluding shield.

##### Features:

**MAML10 LED Light** 200 lumen daylight quality 5-bulb fixture on magnetic base. Magnetic On/Off remote switch box can be positioned outside the chamber. Universal voltage, 7 Watts, 50/60 Hz, CE



**Universal Voltage** 115V / 230V, controls light and switch. Use **power plug part number options shown on opposite page for regions outside North America.**

**Vacuum Port and Elbow** fits a 2-1/4" diameter hose for right or left side hook up to a dust collection system.

**Shield** is hinged at the top and secured with magnetic knob at the bottom.

##### Dimensions:

**Outer:** 21" high, 22-3/4" wide at bottom, 12-5/8" wide at top, 23" deep including hose port in back

**Inner:** 20-1/2" high at front, 4-3/4" high at back, 20" wide at front, 3-3/4" wide at back 19-1/2" deep at center front to back

Wt: 19 lb including light, Pkg Wt 26.25 lb

#### Included:

LED Light with  
magnetic base & cord

**MAML10**

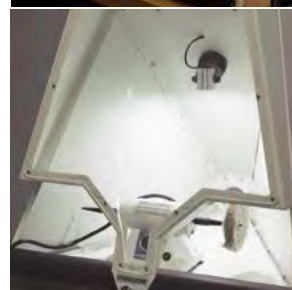
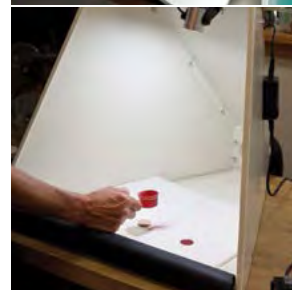
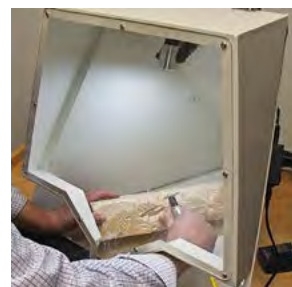
**\$102.96**

**Replacement C7 Detachable cords** are listed on page 28

Elbow fits any 2-1/4"  
diameter hose

**MA825**

**\$10.40**



# Dust Collector with Cyclone & Collection Chamber

Order by Part Number Shown in Red

**Ideal for use with Foredom's Work Chambers: (both Lighted & Jumbo), Fishmouth, Dust Hood and other work spaces with ports for 2-1/4" hoses – MADC20 Dust Collector filters away dust and debris.**

## Dust Collector MADC20 \$830.96

Whether the work is grinding, sanding, buffing, filing or polishing on wood, stone, diestone, metal and plastic, this single station unit is whisper quiet, powerful and simple to operate. The cyclone gives you ten times the filter bag life, minimizes maintenance and improves the overall performance of the machine.

### Features:

**Cyclone pre-filters 99% of all debris** into the polycarbonate collection chamber which is a clear container that is easy to empty and re-install.

**2 HEPA filters** with Merv rating of 16 eliminate 99.98% of debris up to 0.3 micron. Filters meeting the HEPA standard satisfy certain standards of efficiency such as those set by the United States Department of Energy (DOE).

**Whisper quiet sound level:** 52dBA

**Powerful suction** at 115CFM

**Variable Speed Dial** controls the speed of the motor and power of the air moving through the unit. The fan speed selected will depend on the job at hand.

**5' Vacuum Hose** is included. Additional extension hoses may be added, but longer hose lengths reduce the unit's suction.

**Top Connector** is also removable.

**Deflector** for aiming exhaust air

**Remote Control with 9' cord** allows you to power on the dust collector without reaching for the main power switch on the unit. The switch has a PSA backing for positioning it conveniently within reach.

**6' Power Cord**

**Move it where you need it** with casters and top handle.

**2-Year Limited Warranty**

### Specification:

**Main Compartment:** 19" high including Top Connector, 7-7/8" wide tower, 14-1/2" wide including Cyclone 14-5/8" deep.

**Cyclone:** 16-1/2" high, 7-1/2" diameter

**Hose:** 2-1/4" diameter, 5' Long

30-1/2 lb. wt, 40 lb pkg wt.

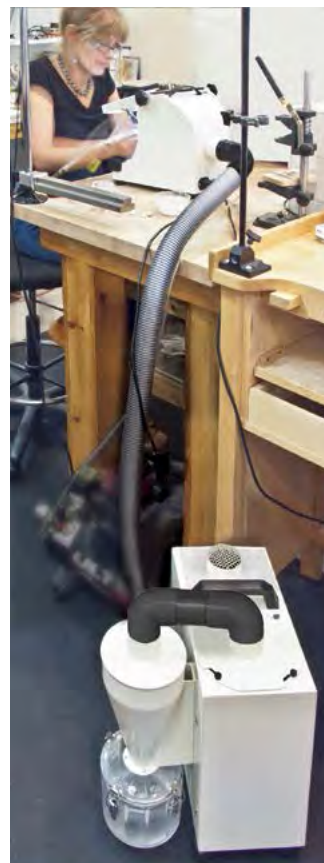
**Shipping Dimensions:** 20-1/4" x 20-3/4" x 23-1/4"

115 Volt / 6.5 Amp

230 Volt CE/ 3.2 Amp

750 Watt / 115 CFM

**HEPA Filter:** 16 Merv Rating, filters 99.8% of all particles 0.3 micron & larger



Included:	<i>Priced if purchased separately</i>	Part No.	Price
5' Vacuum Hose Assembly with one coupling		<b>MADCVH-5</b>	<b>\$27.04</b>
HEPA Filter		<b>MADC205</b>	<b>10.35</b>
Canister Filter		<b>MADC208</b>	<b>24.96</b>
Motor Brush Pair		<b>MP810P</b>	<b>20.80</b>
8 Amp Fuse for 115 Volt		<b>CP804</b>	<b>4.50</b>
5 Amp Fuse for 230 Volt		<b>CP807</b>	<b>4.50</b>

## 115 & 220 Volt prices are the same.

### Specify Plug Options for 230 Volt

Power plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example:

**MADC20-21** for United Kingdom, UK CE compliant



# Mobile Work Station with Powered Up/Down Motion

Order by Part Number Shown in Red

**A footprint of only 16" x 22", makes the Mobile Work Station ideal for small workspaces. Sturdy casters allow it to roll to where you need it.**

Foredom's Mobile Work Station helps fit a lot of functionality into small labs, studios and workspaces. Its tower structure and built-in electrical outlets, allow multiple powered devices to be in use. The motorized lift raises and lowers the top platform, for sitting, standing or individual needs. It rolls on casters – wherever you need it.

The Mobile Work Station requires an electrical outlet for powering up the unit and connecting its 3-plug power strip. The unit comes assembled except for the middle shelf. The front pivoting 'kickstand' enhances stability.

3-tiers offer multiple options for arranging your equipment. Top and bottom platforms, middle shelf and extension trays have a 1/4" lip to prevent tools from sliding off.

- **Top Work Platform** is 14-3/8" square. It features extension trays that swing out to hold workpieces and other small objects. Each tray is 8" x 4-1/4".
- **Middle Shelf** is 12-1/4" x 12-5/8". Includes a removable yoke for mounting a flexible shaft motor. With the yoke removed, the shelf can hold micromotors and other tools.
- **Lower Platform** has a 15-5/8" x 9-3/4" tray for tools and storage. When removed, it reveals holes designed to securely mount Foredom's MADC20 Dust Collector (on facing page) with its casters removed.

## 2-Year Limited Warranty

### Specifications:

**Height from Floor to Top Work Platform:**

43-3/4" at highest setting, 30-1/2" at lowest setting

**Footprint:** 16" x 22"

**Weight:** 44 lb, **Ship Weight:** 53 lb via UPS

**Shipping Dimensions:** 34-1/2" x 22-1/4" x 20"

**Power Cord:** 6' Long

**Power Outlets:** 3 North American 3-prong outlets, max 9.6 Amps

**Universal Voltage:** 110/220 Volt, 50/60 Hz

Comes with US plug. Specify 220V power cord plug.

**Mobile Work Station**  
**MAWS10**  
**\$934.96**



Yoke mount removed from Middle Shelf to hold K.1060 Brushless Micromotor

Tray removed for Lower Platform to hold MADC20 Dust Collector

Pivoting Kickstand

Heavy Duty Casters

### Top Work Platform



Extension Trays

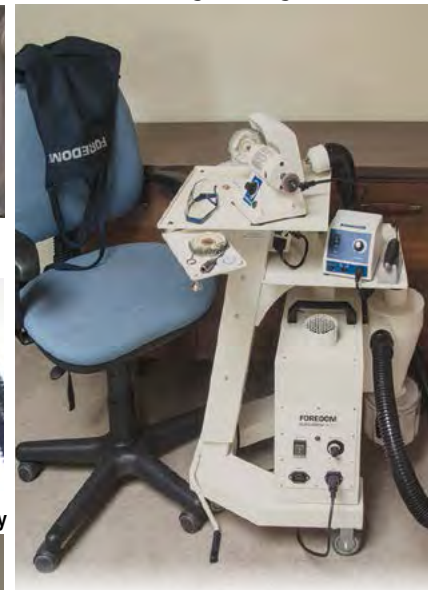
Power On/Off

Control Up/Down

### 3 Power Outlets



### Use it while standing or sitting



### Removable Yoke for mounting Foredom flexible shaft machine



### Lower Platform – removable tray



**K.WS3 \$1,924.00**  
**Mobile Work Station equipped with:**  
**MALC15 Lighted Work Chamber** (page 40) and  
**MADC20 Dust Collector** (details on facing page)  
Flexible shaft machine not included

## Products for Protecting & Organizing

### Safety Kit

**AK6100 \$33.28**

Assortment of products to help stay safe while using Foredom and other power tools. Includes 3M items and safety glasses:

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



### 3M Vetrap Tape

**A-6102 \$4.89/roll**

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.



### 3M Soft Foam Ear Plugs

**A-6103-10 \$7.18/10pk**

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



### 3M Particulate Respirator

**A-6106-6 \$27.25/6pk**

Three-panel respirator with low profile design 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.



### Safety Glasses A-SG3 \$18.56

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



### 2X Magnifier Glasses

**A-MG2 \$70.72**

Wear them over prescription glasses and as a third layer in addition to safety glasses. High quality, crystal clear acrylic double lens with 2X magnification. Frame is sturdy, super lightweight, flexible, and spring loaded. Hinges allow the wearer to change the angle of the magnifier lens as needed for working or out of the way for regular vision. Includes hard case, cloth lens cleaner and mini screwdriver.

**A-MG2NP \$4.50 Replacement Nosepieces with screws**



### Double Ended Retractable Brush

**A-RB \$5.46**

Handy plastic brush is for clearing off a workpiece and removing metal, wood and other debris on the tray of Filter Hood or other surface. Top end of the brush has a slide that exposes 3/4" long x 1/2" diameter bristles. Twist to expose and retract 1-5/8" long x 1" diameter bristles. 5-1/2" long when closed.



## Rotating Bur and Tool Holders

**A-10082 \$18.20**

**For 1/8" & 1/4" Shank Burs, Drill Bits 1/16" – 5/32"**

Woodworkers Rotating Bur and Tool Holder organizes up to 112 accessories. Stores: 92– 1/8" shank & 13–1/4" shank burs. Has 7 marked holes for drill bits 1/16" to 5/32". 3" deep x 2-3/4" diameter center cup holds small tools such as files and screwdrivers.

**Measures:** 6-1/2" wide x 4" high (165 x 102mm). Burs not included.



**A-10080 \$18.20**

**Universal–For ALL Size Shanks**

Rotating Bur and Tool Holder, ideal for dental labs– organizes 126 accessories with 1/16", 3/32", 1/8", and 1/4" shanks. **Measures:** 6-1/2" wide by 4" high (165 x 102mm) and holds 69– 3/32" or 1/8" burs (in 2-step holes), 12–1/4" burs, and 45– 1/16" burs. Burs not included.



**A-10081 \$18.20**

**For Jewelers**

**3/32" (2.35mm) Burs & Small Tools**

Rotating Bur Holder– stores and organizes 114– 3/32" burs. **Measures:** 6-1/2" wide by 4" high (165 x 102mm) and has a center cup (3" deep x 2-3/4" diameter) to hold small tools such as files, scribes & screwdrivers. Burs not included.



## Small Bur Holders with Covers

**A-10089 \$4.68**

**Small Square Bur Holder – for 3/32" (2.35mm) & 1/8" Burs.** Holds up to 52 burs: 34–3/32" and 18–1/8" shank accessories. **Measures:** 2-1/2" (64mm) sq. x 2-1/4" (54mm) high. Holds burs up to 2" long. Includes clear cover. Burs not included.



**A-10088 \$4.68**

**Small Round Bur Holder – for 3/32" (2.35mm) & 1/8" Burs.** Holds up to 48 burs with 24 holes for each size shank. **Measures:** 2-1/8" in diameter x 2-1/2" high (54 x 64mm). Holds burs up to 2" long. Includes clear cover. Burs not included.



## Foredom Logo Apron shows you are a Foredom fan!

**W.Apron-F \$20.80**

Foredom's full-size apron comes in deep navy with a metallic silver logo has adjustable neck, extra long 40" ties and divided pocket. Protects your clothes from dirt and debris while working. Practical and attractive, Made of 65/35 poly cotton twill – 7.5 oz. Washable 23" Wide x 34" Long.



# Rotary Accessory Assortment Kits

We reserve the right to substitute comparable accessories when necessary.

## Jewelers Kits



Included with K.2230, K.2220, K.2200, K.2800 and K.TX300 Flex Shaft Kits.

**AK11 \$81.12**

**42-pc Kit** 3/32" shanks

Contains 3 mounted brushes, 4 high speed steel fluted engraving burs, 6-3M Radial Bristle Discs, 12- 1/4 x 1/2 sanding bands in various grits, 3 rubber bonded abrasive wheels, 4 satin finishers, 2 screw mandrels, 1-1/4" Abrasive Cut Off Wheel, rubber drum mandrel, V Stone, muslin wheel, unitized mounted point, unmounted felt buff, and a tube of platinum white compound. Rotating bur and tool holder is included. 25,000 RPM Max Speed



**AK90 \$28.08**

**12-pc Stone Setting Kit**

3/32" (.35 mm) shanks  
12-pc. assortment of 7 step drills and 5 high speed steel engraving burs in a small round bur holder.  
Included with K.2250, K.2240, and K.2245 Stone Setting Flex Shaft Kits.



**AK290 \$124.80** 6-pc  
**Stone Setting & Engraving Kit**

Kit comes in small round bur holder with non-threaded HP10215 Carbide Stylus, HP10177P Anvil Point, Set of 4 Gravers - #52 Round, #3 Onglette, #2 Bevel, #40 Flat  
Included with K.2293 PowerGraver Flex Shaft Kits. Gravers and stylus listed separately on page 76.

## Woodcarvers Kits



Included with K.5240, K.5220, K.5200 and K.5400 Flex Shaft Kits.

**AKWK53 \$134.16**

**31-pc Kit**

3/32", 1/8", 1/4" shanks  
Contains 3 Typhoons in 1/4" and 1/8" shanks, 3 Ceramcut Blue Stones, 6- 3M Radial Bristle Discs, 12-1/2 x 1/2 sanding bands in various grits, 2 plated diamonds, V Stone, vanadium steel cutter, and rubber drum, screw and sandpaper split mandrels. Rotating bur and tool holder is included. 25,000 RPM Max Speed, 10,000 RPM for 1/4" Typhoons.

## General Use Kits



**AK20 \$61.36**

**35-pc Kit**

3/32" & 1/8" shanks  
Assortment contains steel cutters and burs, mounted points, wire and bristle brushes, rubber bonded abrasives, sanding drums and felt bobs. 20,000 RPM Max Speed



**AK21 \$166.40** 88-pc Kit 3/32" & 1/8" shanks

Contains some of our most popular rotary accessories: sanding bands, V Stone mounted abrasives, and CeramCut Blue Stones. Also plated diamond points, steel cutters, aluminum oxide points, rubber bonded abrasive wheels, wire and bristle brushes, felt buffs and bobs, tube of red polishing rouge, various mandrels.

Included with K.2272 Flex Shaft Kits. 20,000 RPM Max Speed



**AK22 \$404.56**

**32-pc Frank Russell Kit**

3/32", 1/8", 1/4" shanks  
Kit contains the burs Frank Russell uses in his DVD, *Fur, Feathers and Fins*. According to Frank, these are what you need for any carving you can hold in your hand: Fore-dom's Typhoon® carbide burs in coarse and fine grit. The kit includes 13 Typhoons in 1/4" and 1/8" shanks, 8 Ceramcut Blue Stones, 3 plated diamonds, high speed steel cutter, carbide bur, 3 ruby carvers, and sandpaper split mandrel, and 2" fine bristle nylon brush with tapered mandrel. Rotating bur and tool holder is included. 25,000 RPM Max Speed, 10,000 RPM for 1/4" Typhoons.

**AK23 \$206.96**

**Frank Russell Basic Kit, 22-pc**

3/32", 1/8", 1/4" shanks

Kit is a scaled down version of AK22 above. Includes 2 - 1/4" and 3 - 1/8" shank Typhoons, 7 Ceramcut Blue Stones, 4 plated diamonds, 3 ruby carvers and a high speed steel cutter. Also, 2" fine bristle nylon brush with tapered mandrel. 25,000 RPM Max Speed, 10,000 RPM for 1/4" Typhoons.



**AKHK25 \$46.80**

**10-pc Kit** 1/8" shanks

Assortment includes 2 CeramCut Blue Stones, 2 rubber bonded abrasive wheels, carbide bur, unmounted wire brush, 1-1/2" cut-off wheel and 3 screw type mandrels. 18,000 RPM Max Speed

Included with K.SRH440 and K.TXH440 Flex Shaft Kits.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories  
FOREDOM® FOREDOM ELECTRIC CO. [www.foredom.net](http://www.foredom.net)

## 3/32" (2.35 mm) shank mounted points Made in USA. 45,000 RPM Max Speed

**V Stones easily cut hard metals, tile, porcelain, stone, and wood.** For: titanium, chrome-cobalt, nickel-cobalt, tool steel, and stainless steel, and softer metals such as lead, pewter, brass, and aluminum with minimal smearing and loading. Also: ceramic tile, porcelain, wood, acrylic, glass, and marble. They can shape, texture, and provide detail to carvings. Their coarser grits make them more aggressive than our CeramCut Blue Stones. They are an economical alternative to plated and sintered diamond points. Made with a vitrified, self-sharpening, special aluminum oxide grain with a super hard porous bond, V Stones are the coolest running and longest lasting abrasive stones.

### V Stones \$4.11 each

Part Nos. for 40/60 & 80 Grit Shapes shown separately

Shape	40/60 Grit	80 Grit	Head " (mm) Diameter x Length	Overall " (mm) Length
Bud	A-V326	A-V327	1/4 (6.4) x 3/8 (9.5)	1-7/8 (47.6)
Ball	A-V336	A-V337	3/8 (9.5) x 3/8 (9.5)	1-7/8 (47.6)
Cylinder	A-V356	A-V357	1/4 (6.4) x 1/2 (13)	1-15/16 (49.2)
Tapered Wheel	N/A	A-V367	1/2 (13) x 3/16 (4.8)	1-3/4 (44.5)
Flat top Taper	N/A	A-V397	1/4 (6.4) x 1/2 (13)	2 (50.8)



**A-10076 \$5.20**  
2" V Stone Wheel with 1/4" arbor hole  
Use with A-WM5 or A-WM6 Wheel Mandrel on Foredom's Bench Lathe at 7,000 RPM Max Speed. Find more 2" wheels on page 78.

### CeramCut Blue Stones 9-pc Kit AKHK29 \$28.60 3/32" (2.35 mm) Shank

A-CK300	Lg Ball Nose	Med
A-CK301	Med Ball Nose	Fine
A-CK302	Sm Ball Nose	Fine
A-CK318	Flame	Med
A-CK322	Inverted Cone	Fine
A-CK332	Ball	Fine
A-CK342	Tapered Cone	Fine
A-CK352	Sm Cylinder	Fine
A-CK392	Sm Flat Taper	Fine



### CeramCut Blue Stones are widely used on wood, hard metals and porcelain.

They have a unique ceramic and aluminum oxide grain structure. Excellent for hard metals, including hardened and mild steel, steel alloys, chrome cobalt, titanium, platinum, and other ferrous metals. CeramCut Blue Stones maintain their shape and hold their cutting edge longer than any standard abrasive stones. They are non-impregnating and non-contaminating. **1/8" shank CeramCuts on facing page.**



### CeramCut Blue Stones \$3.74 each




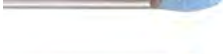



Shape	Part No.	Grit	Head " (mm) Diameter x Length	Overall " (mm) Length
Large Ball Nose	A-CK300	80	1/4 (6.4) x 1/2 (13)	2 (50.8)
Medium Ball Nose	A-CK301	120	3/16 (4.8) x 1/2 (13)	1-15/16 (49.2)
Small Ball Nose	A-CK302	120	1/8 (3.2) x 1/2 (13)	1-15/16 (49.2)
Flame	A-CK318	80	5/32 (3.9) x 3/8 (9.5)	1-7/8 (47.6)
Small Inverted Cone	A-CK322	120	1/8 (3.2) x 1/8 (3.2)	1-5/8 (41.3)
Large Inverted Cone	A-CK375	120	1/4 (6.4) x 1/4 (6.4)	1-3/4 (44.5)
Ball	A-CK332	120	1/8 (3.2) x 1/8 (3.2)	1-5/8 (41.3)
Tapered Cone	A-CK342	120	1/8 (3.2) x 1/4 (6.4)	1-3/4 (44.5)
Fine Cylinder	A-CK350	120	1/4 (6.4) x 1/2 (13)	2 (50.8)
Medium Cylinder	A-CK354	80	1/4 (6.4) x 1/2 (13)	2 (50.8)
Coarse Cylinder	A-CK356	60	1/4 (6.4) x 1/2 (13)	1-15/16 (49.2)
Small Cylinder	A-CK352	120	3/32 (2.35) x 1/4 (6.4)	1-3/4 (44.5)
Tapered Wheel	A-CK360	120	1/2 (13) x 1/8 (3.2)	1-3/4 (44.5)
Large Flat Taper	A-CK390	120	1/8 (3.2) x 1/2 (13)	1-15/16 (49.2)
Small Flat Taper	A-CK392	120	3/32 (2.35) x 3/16 (4.8)	1-3/4 (44.5)
Round Top Taper	A-CK396	120	1/8 (3.2) x 1/2 (13)	1-15/16 (49.2)
Round Top Taper	A-CK398	80	1/8 (3.2) x 1/2 (13)	1-15/16 (49.2)

# CeramCut Blue Stones Made in USA. 45,000 RPM Max Speed













## Smaller heads:

**1/8" (3.18 mm) shank mounted points \$3.74 each**

← overall length	Shape	Part No.	Grit	Head " (mm) Diameter x Length	Overall " (mm) Length
	Large Ball Nose	A-CK8300	80	1/4 (6.4) x 1/2 (13)	1-15/16 (49.2)
	Medium Ball Nose	A-CK8301	120	3/16 (4.8) x 1/2 (13)	1-15/16 (49.2)
	Small Ball Nose	A-CK8302	80	1/8 (3.2) x 1/2 (13)	1-15/16 (49.2)
	Flame	A-CK8318	80	5/32 (3.9) x 3/8 (9.5)	1-7/8 (47.6)
	Small Ball	A-CK8332	120	1/8 (6.4) x 1/8 (6.4)	1-5/8 (41.3)
	Flat Taper	A-CK897	120	3/32 (2.35) x 3/8 (9.5)	1-7/8 (47.6)
	Small Cylinder	A-CK8144	120	1/8 (3.2) x 1/4 (6.4)	1-3/4 (44.5)

## Larger heads:

**1/8" (3.18 mm) shank mounted points \$4.35 each**

	Pear	A-CK8112	120	3/8 (9.5) x 1/2 (13)	1-15/16 (49.2)
	Ball Nose	A-CK890	80	1/2 (13) x 1/2 (13)	2 (50.8)
	Tree	A-CK852	120	3/8 (9.5) x 3/4 (19)	2-5/16 (48.7)
	Long Cylinder	A-CK8154	80	3/16 (4.8) x 1/2 (13)	2 (50.8)
	Medium Cylinder	A-CK8175	80	3/8 (9.5) x 3/8 (9.5)	1-13/16 (46)
	Cup	A-CK8132	120	3/8 (9.5) x 1/2 (13)	1-15/16 (49.2)
	Flame	A-CK846	120	1/8 (3.2) x 5/16 (8)	1-5/16 (33.3)
	Large Ball	A-CK8122	120	3/8 (9.5) x 3/8 (9.5)	1-7/8 (47.6)
	Taper	A-CK844	120	7/32 (5.5) x 3/8 (9.5)	1-7/8 (47.6)
	Wheel	A-CK8182	120	1/2 (13) x 1/8 (3.2)	1-3/4 (44.5)

## CeramCut Blue Stones are widely used on hard metals, porcelain and wood.

They have a unique ceramic and aluminum oxide grain structure. Excellent for hard metals, including hardened and mild steel, steel alloys, chrome cobalt, titanium, platinum, and other ferrous metals. CeramCut Blue Stones maintain their shape and hold their cutting edge longer than any standard abrasive stones. They are non-impregnating and non-contaminating.

**3/32" (2.35 mm) shank CeramCuts on previous page.**

## 1/8" (3.18 mm) shank Kit, 8-Pc AKHK28 \$28.60

A-CK8122	Large Ball	Fine
A-CK8132	Cylinder Cup	Med
A-CK8144	Small Cylinder	Fine
A-CK8182	Wheel	Fine
A-CK844	Taper	Fine
A-CK852	Tree	Fine
A-CK890	Ball Nose	Med
A-CK897	Flat Taper	Fine



## CeramCut Blue Wheels for 2" Angle Grinder 11,600 RPM Max Speed

Angle Grinder can use wheels with 3/8" arbor holes and mount with A-69212L Long Hub. Page 73 -76.

**A-10064 \$6.24**

2" CeramCut Blue Wheel with 3/8" arbor hole, 120 grit.

**A-10065 \$9.62**

2" CeramCut Blue Cup Wheel with 3/8" arbor hole, 100 grit.



## CeramCut Blue Wheel for the Bench Lathe














Wheel has 1/4" arbor holes and mounts with A-WM5 or A-WM6 Wheel Mandrel.

**A-10074 \$5.20**

2" CeramCut Blue Wheel with 1/4" arbor hole, 120 grit. For use with M.BL Lathe. See Page 38. Use with A-WM5 or A-WM6 Wheel Mandrel on Foredom's Bench Lathe at 7,000 RPM Max Speed. Find more 2" wheels on page 78.



## 3/32" (2.35 mm) shank Aluminum Oxide mounted points \$2.39 each

overall length	Part No.	Grit	Color / Grit	Head " (mm) Diameter x Length	Overall " (mm) Length
	<b>A-1</b> 120	Red / Medium	1/8 (3.2) x 7/32 (5.6)	1-3/4 (44.5)	
	<b>A-71</b> 400	White / Fine			
	<b>A-2</b> 120	Red / Medium	5/16 (7.9) x 1/32 (.79)	1-3/4 (44.5)	
	<b>A-72</b> 400	White / Fine			
	<b>A-3</b> 120	Red / Medium	1/4 (6.4) x 11/32 (8.7)	1-7/8 (47.6)	
	<b>A-73</b> 400	White / Fine			
	<b>A-4</b> 100	Red / Medium	1/4 (6.4) x 1/4 (6.4)	1-7/8 (47.6)	
	<b>A-74</b> 400	White / Fine			
	<b>A-5</b> 80	Red / Medium	1/4 (6.4) x 1/2 (13)	2 (50.8)	
	<b>A-75</b> 400	White / Fine			
	<b>A-6</b> 80	Red / Medium	3/16 (4.8) x 17/32 (13.5)	2 (50.8)	
	<b>A-76</b> 400	White / Fine			
	<b>A-8</b> 80	Red / Medium	1/2 (13) x 1/16 (1.6)	1-3/4 (44.5)	
	<b>A-78</b> 400	White / Fine			
	<b>A-9</b> 120	Red / Medium	3/8 (9.5) x 3/64 (1.2)	1-3/4 (44.5)	
	<b>A-79</b> 400	White / Fine			
	<b>A-10</b> 120	Red / Medium	5/32 (4) x 7/32 (5.6)	1-3/4 (44.5)	
	<b>A-80</b> 400	White / Fine			
	<b>A-11</b> 120	Red / Medium	1/4 (6.4) x 5/64 (2)	1-5/8 (41.3)	
	<b>A-81</b> 400	White / Fine			
	<b>A-12</b> 100	Red / Medium	13/64 (5.2) x 13/64 (5.2)	1-3/4 (44.5)	
	<b>A-82</b> 400	White / Fine			
	<b>A-13</b> 100	Red / Medium	5/32 (4.0) x 1/4 (6.4)	1-3/4 (44.5)	
	<b>A-83</b> 400	White / Fine			
	<b>A-15</b> 120	Red / Medium	1/8 (3.2) x 1/8 (3.2)	1-3/4 (44.5)	
	<b>A-85</b> 400	White / Fine			
	<b>A-16</b> 100		5/64 (2.0) x 17/64 (6.7)	1-3/4 (44.5)	
	<b>A-86</b> 400	White / Fine			
	<b>A-17</b> 120		1/8 (3.2) x 9/32 (7.1)	1-3/4 (44.5)	
	<b>A-87</b> 400	White / Fine			
	<b>A-18</b> 80	Red / Medium	1/4 (6.4) x 9/32 (7.1)	1-13/16 (46)	
	<b>A-88</b> 400	White / Fine			
	<b>A-19</b> 120	Red / Medium	1/8 (3.2) x 13/32 (10.3)	1-7/8 (47.6)	
	<b>A-89</b> 400	White / Fine			
	<b>A-20</b> 150	Red / Medium	3/16 (4.8) x 5/32 (4)	1-11/16 (42.9)	
	<b>A-90</b> 400	White / Fine			

## Red Aluminum Oxide mounted points are used for fast cutting on high tensile, tough materials.

Use them on steel, malleable iron, porcelain and glass. For medium to fine finishing work. Be sure to specify **Red** Part Nos. when ordering.

## White Aluminum Oxide mounted points have extra fine abrasive grit (400) for extremely fine cutting and for high finishes on high tensile materials.

They work well on tough materials including gemstone, stainless steel and glass. Points hold their geometry well. Be sure to specify **White** Part Nos. when ordering.

Kits below contain one of each of the 18 points shown as left.



**AK150 \$40.56**  
**18-Pc Kit Red Aluminum Oxide Mounted Points**  
3/32" shanks



**AK160 \$40.56**  
**18-Pc Kit White Aluminum Oxide Mounted Points**  
3/32" shanks



**A-G27 \$1.25**

## Red Aluminum Oxide Unmounted Wheel

80 grit, 3/4" (19 mm) x 13/64" (5.2 mm) with 1/16" arbor hole. Use for grinding, cleaning & smoothing hard materials such as steel and malleable iron. 21,000 RPM Max Speed

Use with Mandrels: A-M1, A-M6 (shown), A-M13, A-M15, A-M19. See page 70.

## Latch Type Burs for discontinued Angle Head Handpieces H.55A, H.55D, H.56A, H.56D, H.57A and H.57D \$2.70 each 35,000 RPM Max Speed Made in USA

Part No.	Head " Diameter x Length	Grit
<b>Red Aluminum Oxide</b>		
<b>A-RA11</b>	1/4 x 7/64	120
<b>A-RA12</b>	3/16 x 3/16	100
<b>A-RA21</b>	1/4 x 5/16	120
<b>Green Silicon Carbide</b>		
<b>A-RA31</b>	1/8 x 1/4	150
<b>A-RA41</b>	1/4 x 7/64 for use with H.57A or H.57D ONLY	150
<b>A-RA42</b>	3/16 x 3/16 for use with H.57A or H.57D ONLY	120



## Plated Diamond Points

Dumont premium plated diamond points have ball-shaped heads and 2.35 mm (3/32") shanks. They are ideal for laboratory and other work requiring strict precision and adherence to tight tolerances.

Made in Belgium. 120,000 RPM Max Speed






Premium quality Dumont **Plated** Diamond points have precision turned steel blanks to ensure proper concentricity and balance for high speed use. They have consistent diamond coverage, a strong bond and tight dimensional tolerances. 125-180 micron natural diamond (80-100 grit).

overall length	Part No.	Price Each	Head (in mm) Diameter x Length	Overall Length (in mm)
	A-PD3-1	\$13.10	1.0 x 1.0	44.5
	A-PD4-1	\$13.10	1.4 x 1.1	44.5
	A-PD24-1	\$13.10	1.6 x 1.4	44.5
	A-PD5-1	\$13.10	1.8 x 1.6	44.5
	A-PD30-1	\$16.38	2.1 x 1.8	44.5
	A-PD31	\$29.48	3.1 x 3.0	44.5
	A-PD40	\$30.58	4.0 x 3.9	39.7

**120 grit Unmounted Cutting Discs with 1/8" arbor holes have diamond plating on both sides.**

20,000 RPM Max Speed

Use with Mandrels A-M2, A-M20, A-M14, see page 70

Part No.	Price Each	Head in inches Diameter x Thickness	Mandrel
 A-DD7	\$5.67	1 x 1/32	A-M2, A-M20
 A-DD9	\$11.34	2 x 1/32	A-M14
A-M2			
A-M20			
A-M14			

### Using Coolant with Diamond & Ruby Accessories

When drilling or grinding stone, glass, and ceramics with diamond points you must use a coolant, such as water.

Coolant performs these important functions:

- The diamond abrasive particles stay cool, preventing heat from melting the nickel plating or binder which holds them on the accessory.
- It keeps the workpiece cool so that it does not fracture from the heat.
- It turns the dust into a safe slurry that cannot be inhaled.

Use Foredom Oil MS10005 when working with metals.

**MS10005 \$4.68** Foredom Motor & Handpiece Oil in hypodermic dispenser, 1/4 oz.




















**2.35 mm (3/32") shank Standard plated diamond points work well on hardened steel, glass, precious metals, ceramics, stone, composite materials, and wood.**

120,000 RPM Max Speed

Use them in industrial, jewelry, and laboratory applications, on wood carving, fine detailing, and texturing. They feature sharp, 125-180 micron natural diamond (80-120 grit) that is well balanced for high speed use in micromotor handpieces. Overall length is 44.5 mm.

Part No.	Price Each	Shape	Head (in mm) Diameter x Length
 A-PD20	\$5.10	Wheel	5.8 x 2.0

**\$3.85 each Standard Plated Diamond Points listed below:**

Part No.	Shape	Head (in mm) Diameter x Length
 A-PD12	Flame	1.6 x 9.0
 A-PD22	Flame	2.6 x 8.0
 A-PD27	Inverted Cone	2.6 x 2.0
 A-PD7	Inverted Cone	6.0 x 4.8
 A-PD3	Ball	1.0 x .8
 A-PD4	Ball	1.4 x 1.1
 A-PD24	Ball	1.6 x 1.4
 A-PD5	Ball	1.8 x 1.6
 A-PD30	Ball	2.1 x 1.6
 A-PD25	Ball	2.6 x 2.0
 A-PD6	Ball	3.3 x 2.7
 A-PD26	Ball	4.3 x 3.8
 A-PD2	Cylinder	1.2 x 5.0
 A-PD9	Cylinder	2.3 x 7.0
 A-PD10	Cylinder	4.0 x 8.0
 A-PD15	Taper	2.6 x 7.0
 A-PD11	Cone	2.1 x 10.5

# Diamond, Ruby and other Abrasives

**Diamond Hones** can dress and reshape mounted abrasive points by lightly touching a rotating point to the diamond hone surface.

Also for hand smoothing and shaping glass, metal, stone, bone, and plastic. Use for sharpening chisels and steel instruments. Made in USA. 3/4" x 2" diamond pad on 6" plastic color coded handle.

Part No.	Price Each	Handle Color	Grit / description
A-10342	\$10.09	blue	1200 / Superfine
A-10343	10.09	red	600 / Fine
A-10344	10.09	purple	400 / Medium
A-10345	18.56	black	250 / Coarse



**5-1/2" long Diamond Needle Files** provide aggressive yet precise shaping on glass, metal, ceramics, marble, wood, plastics, stone, bone, etc.

Needle File Sets with plastic coated handles come packed in a sturdy reusable plastic case.



## Fine Point 5-Pc Set

**A-F37352 \$20.18**

Set includes: Round Taper, Triangle Taper, Square Taper, Larger Round Taper, and 1/2 Round Taper.



## Flat Shape 5-Pc Set

**A-F37354 \$20.18**

Set includes: Triangle Taper, Flat, Flat Taper, Knife Taper, and Oval Taper.



**Premium Ruby Carvers** have 2.35 mm (3/32") shanks and ruby crystals in fine or standard grit, bonded to the metal frame.

Made in Switzerland. 35,000 RPM Max Speed

Long lasting Fine Grit Ruby Carvers provide a smooth finish on hard materials such as steel, porcelain, glass, acrylic, soft and precious metals, and wood. Standard (Coarser) Grit Ruby Carvers provide faster material removal, leave a slightly rougher finish and are well suited for woodcarving.

Part No.	Price Each	Head (in mm) Diameter x Length	Overall Length (in mm)
<b>Fine Grit:</b>			
A-RC15	\$12.58	4.5 x 4.5	44.5
A-RC19	12.58	3.3 x 8.0	47.6
A-RC20	12.58	4.0 x 10.0	47.6
<b>Standard Grit:</b>			
A-RC11C	\$15.29	8.5 x 16.0	50.8
A-RC13C	15.29	6.5 x 19.0	54.0
A-RC14C	15.29	7.5 x 7.5	44.5
A-RC15C	15.29	7.5 x 12.0	47.6
A-RC16C	15.29	6.5 x 12.0	47.6
A-RC32C	15.29	5.5 x 10.0	47.6
A-RC34C	15.29	5.5 x 10.0	47.6
A-RC36C	15.29	5.5 x 13.0	47.6



**Dressing Stone A-10333 \$8.53**

60 grit Silicon carbide block for reshaping mounted abrasives to improve concentricity by running in the groove that matches head size. Cleans and exposes fresh abrasive particles.

3-3/8" w x 1-1/4" d x 1/2" h

**Wet Stick A-4005 \$3.02**

Use wet for unloading plated and sintered diamond points.

2" x 1/2" x 3/4"

# NEW Silicone Abrasive Mounted Points








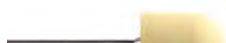
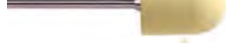
Extra long-lasting polishing points have silicon carbide, silicon dioxide, and aluminum oxide abrasive compound in a silicone binder. They leave a smooth finish on precious metals, stone, and ceramics. Choice of seven different grits. 2.35 mm (3/32") shanks for use in handpieces.

Extra Coarse and Ultra Coarse on following page.










5,000 –12,000 RPM Max Speed

Sold in Multi-Packs as listed.










## Ultra Fine

	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP308-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP315-24	Flame	4 x 12	24 pack / \$21.63
	A-MP329-24	Flame	8 x 18	24 pack / \$21.63
	A-MP343-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP357-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP371-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP184-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP378-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP205-12	Wheel	12 x 2	12 pack / \$10.82





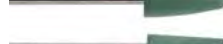




## Extra Fine

	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP310-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP317-24	Flame	4 x 12	24 pack / \$21.63
	A-MP331-24	Flame	8 x 18	24 pack / \$21.63
	A-MP345-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP359-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP373-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP186-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP380-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP207-12	Wheel	12 x 2	12 pack / \$10.82






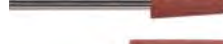



## Fine

	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP309-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP316-24	Flame	4 x 12	24 pack / \$21.63
	A-MP330-24	Flame	8 x 18	24 pack / \$21.63
	A-MP344-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP358-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP372-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP185-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP379-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP206-12	Wheel	12 x 2	12 pack / \$10.82

## Medium

	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP311-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP318-24	Flame	4 x 12	24 pack / \$21.63
	A-MP332-24	Flame	8 x 18	24 pack / \$21.63
	A-MP346-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP360-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP374-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP187-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP381-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP208-12	Wheel	12 x 2	12 pack / \$10.82

## Coarse

	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP312-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP319-24	Flame	4 x 12	24 pack / \$21.63
	A-MP333-24	Flame	8 x 18	24 pack / \$21.63
	A-MP347-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP361-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP375-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP188-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP382-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP209-12	Wheel	12 x 2	12 pack / \$10.82






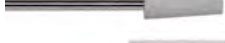



## NEW Silicone Abrasive Mounted Points










Extra long-lasting polishing points have silicon carbide, silicon dioxide and aluminum oxide abrasive compound in a silicone binder. They leave a smooth finish on precious metals, stone and ceramics. Available in seven different grits with 2.35 mm (3/32") shanks for use in handpieces.

Finer abrasive grit burs are on previous page.

5,000 –12,000 RPM Max Speed

Sold in Multi-Packs as listed.


Extra Coarse	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP313-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP320-24	Flame	4 x 12	24 pack / \$21.63
	A-MP334-24	Flame	8 x 18	24 pack / \$21.63
	A-MP348-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP362-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP376-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP189-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP383-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP210-12	Wheel	12 x 2	12 pack / \$10.82

Ultra Coarse	Part No.	Shape	Head (in mm) Diameter x Long	Multi-Pack Quantity / Price
	A-MP314-24	Bullet	5 x 16	24 pack / \$21.63
	A-MP321-24	Flame	4 x 12	24 pack / \$21.63
	A-MP335-24	Flame	8 x 18	24 pack / \$21.63
	A-MP349-24	Ball Nose Taper	8 x 20	24 pack / \$27.06
	A-MP363-24	Flat Top Taper	6 x 16	24 pack / \$21.63
	A-MP377-24	Cylinder	8 x 20	24 pack / \$27.06
	A-MP190-12	Ball Nose	13 x 18	12 pack / \$27.06
	A-MP385-12	Knife Edge Wheel	12 x 0.8	12 pack / \$10.82
	A-MP211-12	Wheel	12 x 2	12 pack / \$10.82

## NEW Unmounted Abrasive Wheels

Extra long-lasting Silicone Bonded Wheels have silicon carbide, silicon dioxide and aluminum oxide abrasive compound in a silicone binder. They are suitable for grinding, smoothing, and cleaning glass, high speed steel, and other tough materials.

**\$27.06 / 50 pack**

Part No.	Grit	22 mm (.866") diameter x 3.5 mm (.137") thick 1/16" Arbor Hole
	A-SW239-50 Extra Fine	Use mandrel A-M1, A-M6, A-M13, A-M15 or A-M19 in handpiece See page 70 for mandrel details. <b>10,000 RPM Max. Speed</b>
	A-SW237-50 Fine	1/16" arbor mandrels for silicone bonded abrasive discs
	A-SW235-50 Medium	 A-M1  A-M6  A-M13  A-M15  A-M19
	A-SW233-50 Coarse	

Rubber Bonded Abrasive (silicon carbide) Wheels are used for light de-burring, cleaning, smoothing and polishing. Ideal for hard-to-reach areas on ferrous and non-ferrous alloys and other materials.

**\$13.51 / 50 pack**

Part No.	Grit	22 mm (.866") diameter x 3 mm (.118") thick 1/16" Arbor Hole
	A-RWF-50 Fine	Use mandrel A-M1, A-M6, A-M13, A-M15 or A-M19 in handpiece See page 70 for mandrel details. <b>10,000 RPM Max. Speed</b>
	A-RWM-50 Medium	1/16" arbor mandrels for rubber bonded abrasive discs
	A-RWC-50 Coarse	 A-M1  A-M6  A-M13  A-M15  A-M19
	A-RWEC-50 Extra Coarse	










# NEW Rubber Abrasive Mounted Points

Polishing points have silicon carbide, silicon dioxide and aluminum oxide abrasive compound in rubber binder for a smooth finish on precious metals, stone and ceramics. Available in four different grits with 2.35 mm (3/32") shanks for use in handpieces.










5,000 –12,000 RPM Max Speed












## Coarse

	Part No.	Shape	Head (in mm) Diameter x Length	Multi-Pack Quantity / Price
	A-MP047-24	Cylinder	3 x 7	24 pack / \$27.06
	A-MP048-24	Cylinder	5 x 12	24 pack / \$27.06
	A-MP049-24	Bullet	5 x 16	24 pack / \$27.06
	A-MP050-24	Flame	3 x 7	24 pack / \$27.06
	A-MP053-24	Taper	6 x 16	24 pack / \$27.06
	A-MP054-24	Inverted Cone	9 x 8.5	24 pack / \$27.06
	A-MP058-12	Wheel	23 x 1	12 pack / \$13.51
	A-MP060-12	Wheel	15 x 2	12 pack / \$13.51
	A-MP063-12	Wheel	15 x 0.8	12 pack / \$13.51










## Extra Fine

	Part No.	Shape	Head (in mm) Diameter x Length	Multi-Pack Quantity / Price
	A-MP081-24	Cylinder	3 x 7	24 pack / \$27.06
	A-MP082-24	Cylinder	5 x 12	24 pack / \$27.06
	A-MP083-24	Bullet	5 x 16	24 pack / \$27.06
	A-MP084-24	Flame	3 x 7	24 pack / \$27.06
	A-MP087-24	Taper	6 x 16	24 pack / \$27.06
	A-MP088-24	Inverted Cone	9 x 8.5	24 pack / \$27.06
	A-MP092-12	Wheel	23 x 1	12 pack / \$13.51
	A-MP094-12	Wheel	15 x 2	12 pack / \$13.51
	A-MP097-12	Wheel	15 x 0.8	12 pack / \$13.51

## Fine

	Part No.	Shape	Head (in mm) Diameter x Length	Multi-Pack Quantity / Price
	A-MP064-24	Cylinder	3 x 7	24 pack / \$27.06
	A-MP065-24	Cylinder	5 x 12	24 pack / \$27.06
	A-MP066-24	Bullet	5 x 16	24 pack / \$27.06
	A-MP067-24	Flame	3 x 7	24 pack / \$27.06
	A-MP070-24	Taper	6 x 16	24 pack / \$27.06
	A-MP071-24	Inverted Cone	9 x 8.5	24 pack / \$27.06
	A-MP075-12	Wheel	23 x 1	12 pack / \$13.51
	A-MP077-12	Wheel	15 x 2	12 pack / \$13.51
	A-MP080-12	Wheel	15 x 0.8	12 pack / \$13.51







## Ultra Fine

	Part No.	Shape	Head (in mm) Diameter x Length	Multi-Pack Quantity / Price
	A-MP098-24	Cylinder	3 x 7	24 pack / \$27.06
	A-MP099-24	Cylinder	5 x 12	24 pack / \$27.06
	A-MP100-24	Bullet	5 x 16	24 pack / \$27.06
	A-MP101-24	Flame	3 x 7	24 pack / \$27.06
	A-MP104-24	Taper	6 x 16	24 pack / \$27.06
	A-MP105-24	Inverted Cone	9 x 8.5	24 pack / \$27.06
	A-MP109-12	Wheel	23 x 1	12 pack / \$13.51
	A-MP111-12	Wheel	15 x 2	12 pack / \$13.51
	A-MP114-12	Wheel	15 x 0.8	12 pack / \$13.51

# Cut Off Wheels, Unmounted Abrasive Discs and Brushes

Rubber Bonded Discs listed below are suitable for grinding, smoothing, and cleaning glass, high speed steel, and other tough materials. Fiberglass Reinforced Cut Off Wheels are used to cut-off, groove, and trim metal, wood, and ceramics.



Part No.	Price	Grit	Diameter x Thick"	Arbor Hole"	Max Speed RPM
 <b>A-D1-5</b>	<b>\$2.29/5-pk</b>	90	7/8 x .023	1/16	30,000
Rubber Bonded Discs – Use Mandrel A-M1 or A-M6 in Handpiece					
 <b>A-D2-5</b>	<b>\$2.60/5-pk</b>	90	1-1/4 x .062	1/16	30,000
Rubber Bonded Discs – Use Mandrel A-M13 or A-M19 in Handpiece					
 <b>A-D6</b>	<b>\$1.61</b>	60	1-1/4 x .050	1/16	40,000
Fiberglass Cut Off Wheel – Use Mandrel A-M13 or A-M19 in Handpiece					
 <b>A-D8</b>	<b>\$1.72</b>	60	1-1/2 x .050	1/8	40,000
Fiberglass Cut Off Wheel – Use Mandrel A-M14 in Handpiece					
 <b>A-D9</b>	<b>\$1.87</b>	60	2 x .050	1/8	40,000
Fiberglass Cut Off Wheel – Use Mandrel A-M14 in Handpiece					
 <b>A-D11</b>	<b>\$3.33</b>	60	2 x .047	3/8	30,000
Fiberglass Cut Off Wheel – Use Mandrel A-M31 in Handpiece or A-69212 Short Hub in 2" Angle Grinder					



**Recommended Mandrels:**  
 Use A-M1, A-M6, A-M13 and A-M19 to mount Discs and Wheels up to 1-1/4" diameter with 1/16" arbor holes.  
 See page 70 for mandrel details.  
 Use A-M14 to mount wheels up to 1-1/2" diameter with 1/8" arbor holes.  
 Use A-M31 to mount discs with 3/8" arbor holes.

1/8" arbor mandrels for 1" unmounted brushes

Part No.	Shank size
 <b>A-M2</b>	3/32"
 <b>A-M14</b>	1/8"
 <b>A-M20</b>	1/8"
 <b>A-M83</b>	1/8"
<b>A-M84</b>	1/4"



## 2" Unmounted Nylon & Wire Brushes

for use in Handpieces or Bench Lathe  
 18,000 RPM Max Speed Made in USA

**A-W301 \$7.49** Soft nylon Unmounted Brush is used at very low speeds for cleaning up "fuzzies" left behind on delicate carvings without removing fine detail. Use with a mandrel on a handpiece or mount directly onto tapered spindle of the BL Lathe. 3/16" arbor hole.



**A-W302 \$12.48** Steel Wire Brush is for texturing, removing rust and corrosion, edge blending and polishing of cast or machined metal surfaces or hard-to-reach areas. 1/4" arbor hole Use with mandrels in flex shaft handpieces, see page 70 or A-WM-5, A-WM-6 Wheel Mandrels on the M.BL Bench Lathe, see page 39.



**A-M78 1/8" & 1/4" Shanks**  
 Use A-M78 and A-M89 to mount A-W301 Soft Nylon Brush (or mount directly on tapered spindles of M.BL Lathe) and A-M8 and A-M85 Mandrels to mount A-W302 Steel Wire Brush.

See page 70 for mandrel details.

**NEW**

## 1" (25.4 mm) Unmounted Bristle and Wire Brushes

for use in Handpieces 10,000 RPM Max Speed  
 Wheels have 1/8" arbor holes and should be used with A-M2, A-M14, A-M20, A-M83 and A-M84 Mandrels shown at left, below. See page 70 for mandrel details.



Part No.	Bristles	Pack Quantity / Price
<b>A-UB11-50</b>	White Goat	<b>50-pack / \$27.82</b>



<b>A-UB12-50</b>	Black Chunking	<b>50-pack / \$27.83</b>
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<b>A-UB13-50</b>	Gray Horse	<b>50-pack / \$27.83</b>
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<b>A-UB14-36</b>	Brass	<b>36-pack / \$29.40</b>
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<b>A-UB15-36</b>	Steel	<b>36-pack / \$29.40</b>
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# Step, Twist & Carving Drills– Premium Grade

**2.35mm (3/32") shank Step Drills**  
**45mm (1.8") Overall Length**  
**30,000 RPM Max Speed**



**Steel Step Drills \$3.33 each**

Made from hardened tool steel. Use for drilling all types of wood, precious metal, mild steel, bone, and mother of pearl.

Part No.	Wire Gauge Size	Head Length mm
A-58005P	76	8.5
A-58006P	73	8.5
A-58007P	70	8.5
A-58009P	65	8.5
A-58010P	61	8.5
A-58011P	57	10.5
A-58014P	54	10.5
A-58015P	53	11.0
A-58020P	47	11.0
A-58022P	44	11.0

**PRIMO® Diamond Plated Twist Drills \$23.92/ 5-pack**  
 Wire gauge sizes #36 – #65



**A-8236**



**A-8251**



**A-8265**

Part No.	Wire Gauge Size
A-8236	36
A-8240	40
A-8245	45
A-8247	47
A-8250	50
A-8251	51
A-8252	52
A-8253	53
A-8254	54
A-8256	56
A-8261	61
A-8265	65



**PRIMO® Cobalt Steel Step Drills \$8.74 each**

These solid cobalt steel drills outlast high speed steel (HSS) bits 15 to 1.10mm head length

Part No.	(mm) Head Diameter
A-8005	.5
A-8006	.6
A-8007	.7
A-8008	.8
A-8009	.9
A-8011	1.1
A-8012	1.2
A-8014	1.4
A-8015	1.5
A-8016	1.6
A-8017	1.7
A-8018	1.8
A-8020	2.0
A-8021	2.1
A-8022	2.2
A-8023	2.3



**PRIMO® Diamond Plated Step Drills \$8.11 each**

10mm head length  
 Balance, precision and consistent diamond coverage.

Part No.	(mm) Head Diameter
A-8107	.7
A-8108	.8
A-8109	.9
A-8110	1.0
A-8111	1.1
A-8112	1.2
A-8113	1.3
A-8114	1.4
A-8115	1.5
A-8116	1.6
A-8117	1.7
A-8118	1.8
A-8120	2.0
A-8121	2.1

**AK8100**  
**6-pc. Diamond Plated Step Drill Set \$49.92**

1 each A-8110 - 1.0mm, A-8113 - 1.3mm, A-8114 - 1.4mm, A-8116 - 1.6mm, A-8118 - 1.8mm, A-8121 - 2.1mm (shown above)

**PRIMO® Cobalt Steel Pilot or Center Drills \$12.48 each**

45mm long, 2.35mm shanks. **25,000 RPM Max Speed**  
 Double ended drills are used to make starter holes to prevent your drill bit from wandering in most metals.



head diameter 0.5 mm **A-8401**



head diameter 1.0 mm **A-8402**



head diameter 1.5 mm **A-8403**

**AK8400 3-Pc Set \$33.28**

One of each Cobalt Steel Pilot Drill

**PRIMO® Cobalt Steel Twist Drills \$13.62 / 10-pack**

Wire gauge sizes #50 – #80



**A-8350**



**A-8357**



**A-8365**



**A-8373**



**A-8380**

Part No.	Wire Gauge Size	Part No.	Wire Gauge Size
A-8350	50	A-8366	66
A-8351	51	A-8367	67
A-8352	52	A-8368	68
A-8353	53	A-8369	69
A-8354	54	A-8370	70
A-8355	55	A-8371	71
A-8356	56	A-8372	72
A-8357	57	A-8373	73
A-8358	58	A-8374	74
A-8359	59	A-8375	75
A-8360	60	A-8376	76
A-8361	61	A-8377	77
A-8362	62	A-8378	78
A-8363	63	A-8379	79
A-8364	64	A-8380	80
A-8365	65		

Wire Gauge	Decimal " Equivalent	Metric (mm) Equivalent
80	.0135	0.343
79	.0145	0.368
78	.0160 (1/64)	0.406
77	.0180	0.457
76	.0200	0.508
75	.0210	0.533
74	.0225	0.572
73	.0240	0.610
72	.0250	0.635
71	.0260	0.660
70	.0280	0.711
69	.0292	0.742
68	.0310	0.787
67	.0320 (1/32)	0.813
66	.0330	0.838
65	.0350	0.889
64	.0360	0.914
63	.0370	0.940
62	.0380	0.965
61	.0390	0.991
60	.0400	1.016
59	.0410	1.041
58	.0420	1.067
57	.0430	1.092
56	.0465	1.181
55	.0520	1.321
54	.0550	1.397
53	.0595	1.511
52	.0635	1.613
51	.0670	1.702
50	.0700	1.778
47	.0785	1.994
45	.0820	2.083
40	.0980	2.489
36	.1065	2.705

• Order Step and Twist Drills by Wire Gauge Size.

• Order Cobalt Steel and Diamond Plated Step Drills by metric size of head diameters.

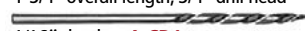
Also, wire gauge sizes are precise for Cobalt Steel and Steel Drills.

Decimals shown in chart at right are equivalents of wire sizes and metric values are for reference only.

**Steel Carving Drills \$20.18 each**

Made in USA 25,000 RPM Max Speed  
 Premium tapered carving drills made of high tempered steel with three flutes. Designed for internal carving and shaping of wood, acrylic and plastic.

1-3/4" overall length, 3/4" drill head



1/16" shank **A-CD1**

2-1/6" overall length, 7/8" drill head



3/32" shank **A-CD2**

2-1/6" oal, 3/4" drill head



1/8" shank **A-CD3**

## High Speed Steel Fluted Engraving Burs

Made in Switzerland. 100,000 RPM Max Speed

### 2.35 mm (3/32") Shank **\$1.56 each**

44.45 mm (1-3/4") Overall Length

Part No.	Shape	Head (" mm) Diameter x Length
<b>A-R2</b>	Ball	1/32" / .79 mm
<b>A-R5</b>	Ball	1/16" / 1.6 mm
<b>A-R7</b>	Ball	3/32" / 2.35 mm
<b>A-P3</b>	Inverted Cone	1/32" x 3/64" .79 x 1.19 mm
<b>A-P7</b>	Inverted Cone	3/32" x 5/64" 2.35 x 1.98 mm

### **AK65 5-Pc Kit \$9.36**

Includes one of each bur above. For etching, engraving, and other fine details on metal, wood, glass, ceramics, etc. Comes in small round bur holder with cover.



## Miniature Twist Drills– Hobby Grade

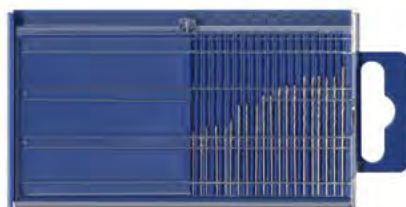
Use miniature twist drills in small pin vises that hold wire gauges or in a rotary handpiece with A-M50 or A-MC2 micro chuck, see page 71. Wire gauge dimensions chart on previous page.

**Speed Recommendations:** Drilling speeds should be between 500 and 10,000 rpm. All drilling should be done with a lubricant. The harder the material (metal) to be drilled and the larger the hole size, the slower the drill speed.

Material	1mm (1/16") Drill	2.35mm (3/32") Drill
Aluminum	7,000-8,000	5,000-6,000
Mild Steel	3,000-3500	2,000-3,000
Stainless Steel	1,000-2,000	500-1,000
Brass, Silver, Copper	5,500-6,500	4,000-5,000

### 20-Pc Diamond Twist Drill Set **AK2061 \$16.95**

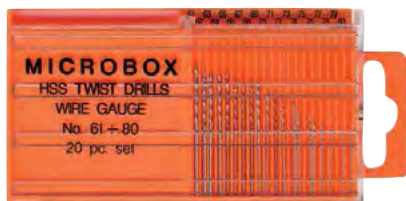
Diamond coated, wire gauge twist drill set in plastic dispenser. These straight shank drills are made of high quality steel with diamond coating. Set contains one each of drills #61 to #80.



### High Speed Twist Drill Sets – Wire Gauge Size or Metric

#### 20-Pc Wire Gauge Sized High Speed Steel Twist Drill Set **37-150 \$16.95**

1 each in wire gauge sizes #61 to #80



#### 20-Pc Metric High Speed Steel Twist Drill Set **37-151 \$16.95**

Miniature twist drill set in plastic dispenser with one each of high speed twist drills in metric sizes from 0.3mm - 1.6mm. Includes: 0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.65, 0.7, 0.75, 0.8, 0.85, 0.9, 0.95, 1.0, 1.2, 1.3, 1.4, 1.5, and 1.6.

## Miniature Carbide Burs

Made in Germany and Belgium.

100,000 RPM Max Speed

### 2.35 mm (3/32") Shank, 1-3/4" Overall Length

**\$5.41 - \$8.30 each**

Part No.	Shape	Price Each	Head (in mm) Diameter x Length
<b>A-203</b>	Taper	<b>\$5.41</b>	1.19 x 4.37
<b>A-208</b>	Inverted Cone	<b>\$5.41</b>	1.6 x 1.6
<b>A-240</b>	Inverted Cone	<b>\$5.41</b>	2.35 x 1.6
<b>A-204</b>	Cylinder	<b>\$5.41</b>	1.6 x 4.37
<b>A-207</b>	Cylinder	<b>\$5.41</b>	1.6 x 4.37
<b>A-205</b>	Ball Nose	<b>\$5.41</b>	1.19 x 3.97
<b>A-206</b>	Ball Nose Cross Cut	<b>\$5.41</b>	1.6 x 3.97
<b>A-TR-5C</b>	Tree Point Cross Cut	<b>\$5.41</b>	2.35 x 6.35

### Carbide Ball Shape Burs 1-9/16" Overall Length

Part No.	Price Each	Head (in mm) Diameter
<b>A-212</b>	<b>\$8.63</b>	0.2
<b>A-213</b>	<b>\$8.63</b>	0.3
<b>A-214</b>	<b>\$5.41</b>	0.4
<b>A-215</b>	<b>\$5.41</b>	0.5
<b>A-216</b>	<b>\$5.41</b>	0.6
<b>A-217</b>	<b>\$5.41</b>	0.7
<b>A-201</b>	<b>\$5.41</b>	0.8
<b>A-219</b>	<b>\$5.41</b>	0.9
<b>A-220</b>	<b>\$5.41</b>	1.0
<b>A-222</b>	<b>\$5.41</b>	1.2
<b>A-224</b>	<b>\$5.41</b>	1.4
<b>A-226</b>	<b>\$5.41</b>	1.6
<b>A-228</b>	<b>\$5.41</b>	1.8
<b>A-230</b>	<b>\$5.41</b>	2.1
<b>A-202</b>	<b>\$5.41</b>	2.35

### **AK212 15-Pc Kit** Includes all ball shape burs **\$81.12**



### **AK211 7-Pc Kit** **\$37.44** Includes Carbide Ball Shaped Burs: A-212, A-215, A-217, A-201, A-220, A-230, and A-202.

### Assorted Shape Miniature Carbide Bur Kits Packed in Round Bur Stand with Clear Cover

**AK210 14-Pc Kit \$72.80** Includes A-203, A-208, A-240, A-204, A-207, A-205, A-206, A-212, A-215, A-217, A-201, A-220, A-230 and A-202.

**AK200 8-Pc Kit \$41.60** Includes A-201, A-202, A-203, A-204, A-205, A-206, A-207 and A-208.











**AK210**

## High Speed Steel Cutters

Made in USA. 45,000 RPM Max Speed

**Superior quality high speed steel cutters for shaping, grooving, slotting and cutting in wood, plastic and soft metal.**

**1/8" (3.18mm) shank**

	Part No.	Price Each	Head " Diameter x Length "	Overall Length "
	A-7104	\$10.09	3/16 x 3/16	1-7/16
	A-7106	11.34	5/16 x 5/16	1-9/16
	A-7112	8.84	1/8 x 1/4	1-9/16
	A-7113	11.34	5/16 x 3/8	1-1/2
	A-7122	11.34	5/16 x 13/32	1-7/16
	A-7143	13.31	1/4 x 15/32	1-1/2
	A-7145	11.34	3/8 x 9/16	1-1/2
	A-7153	13.31	3/8 x 1/16	1-1/2

## Carbide Cutting, Carving & Sanding Accessories

**1/8" shank** 35,000 RPM Max Speed

**DuraGrit accessories are coated with super strong and long lasting tungsten carbide grit that will not tear loose.**

- Edges stay sharp and are thin enough for cut off applications.
- Use to cut, carve, sand and shape on wood, plastic, laminates, fiberglass, ceramic tile, kevlar, leather, rubber and styrofoam.

**AK6600 4-Pc Dura Grit Set \$62.40**  
Includes all four Duragrit burs in small square bur stand with clear cover.

**A-6611 Sanding/Shaping Wheel \$18.72**

1-1/4" diameter, 1/8" arbor hole, 46 grit. For fast material removal, sculpting, and sanding. Mushroom shape can produce compound curves.

**A-6613 Cutting Wheel \$18.72**

1-1/2" diameter, 1/8" arbor hole, 60 grit. Perforated surface for cool running – reduces clogging. Has thin kerf for deep, clean cuts in: wood, MDF & pine moulding, fiberglass, ABS plumbing, PVC pipe, rubber hose, laminate flooring, etc.

**A-6621 Hollow Cylinder \$16.64**

1/2" diameter, 60 grit. Can create channels, bevels and corners or smooth rough surfaces. Like a 1/2" sanding band but doesn't need a mandrel. Has coarse grit on the edge – doubles as a hole saw.

**A-6624 Tapered Point \$13.52**

1/8" diameter, 80 grit. Ideal for drilling in curved surfaces and for detail work in carving, modelling and general crafts.



## Tungsten Carbide Burs

Made in USA

1/8" and smaller head diameter carbides:  
100,000 RPM Max Speed

1/4" head diameter carbides: 35,000 RPM Max Speed

**Tungsten Carbide Burs are used for easy material removal and leave a smooth finish. They are ideal for use on hard wood and most metals including stainless steel, steel alloys, cast iron, etc.**

**1/8" (3.18mm) shank**

	Part No.	Price Each	Shape	Head " Diameter x Length "	Overall Length "
	A-B-1	\$11.86	Ball	1/8 x 1/8	1-1/2
	A-B-2	16.85	Ball	1/4 x 1/4	1-3/4
	A-CO-2	11.86	Cone	1/8 x 5/8	1-9/16
	A-CO-3	16.85	Cone	1/4 x 5/8	2-1/8
	A-CP-1	11.86	Cylinder Square	3/32 x 7/16	1-9/16
	A-CP-2	11.86	Cylinder Square	1/8 x 9/16	1-9/16
	A-CP-3	16.85	Cylinder Square	1/4 x 1/2	2
	A-CR-1	11.86	Cylinder Radius	3/32 x 7/16	1-1/2
	A-CR-2	11.86	Cylinder Radius	1/8 x 9/16	1-1/2
	A-CR-3	16.85	Cylinder Radius	1/4 x 1/2	2
	A-F-1	11.86	Flame	1/8 x 1/4	1-9/16
	A-IC-1	11.86	Inverted Cone	1/8 x 3/16	1-1/2
	A-IC-2	16.85	Inverted Cone	1/4 x 1/4	1-3/4
	A-OV-1	11.86	Oval	1/8 x 7/32	1-1/2
	A-OV-2	16.85	Oval	1/4 x 3/8	1-7/8
	A-TP-1	11.86	Tree Point	1/8 x 1/4	1-9/16
	A-TP-2	11.86	Tree Point	1/8 x 3/8	1-9/16
	A-TP-3	16.85	Tree Point	1/4 x 1/2	2
	A-TR-2	11.86	Tree Radius	1/8 x 1/2	1-1/2
	A-TR-3	16.85	Tree Radius	1/4 x 1/2	2



# Typhoon® Tungsten Carbide Burs– 2.35 mm and 1/8" Shanks

Made in USA. 35,000 RPM Maximum Speed

**Typhoons have unique structurally aligned tungsten carbide points that are long lasting and do not load quickly.**

Use **BLUE** fine grit for general shaping and sanding and **RED** coarse grit for even more rapid and aggressive shaping and roughing out work. Ideal for use on hard and soft wood, acrylic, plaster, hard rubber, fiberglass, and die stone in the dental lab industry.

## 2.35 mm (3/32") shank, Blue Grit– Fine

**Individual Burs \$25.55 each**

	Part No.	Shape	Head " Diameter x Length "	Overall Length "
	A-KB32315	Ball	5/16 x 5/16	1-7/16
	A-KB32119	Long Taper	3/16 x 3/4	2
	A-KB32915	Taper	7/16 x 5/8	1-3/4
	A-KB32519	Cylinder	5/16 x 1/2	1-3/4
	A-KB32719	Ball Nose	5/16 x 1/2	1-13/16
	A-KB32913	Flame	5/16 x 1/2	1-3/4
	A-KB32415	Bud	5/16 x 3/4	1-7/8



### AKHK83 3-Pc Typhoon Kit \$75

2.35mm shanks: A-KB32119, A-KB32719, A-KB32913



### AKHK85 4-Pc Typhoon Kit \$100

2.35mm shanks: A-KB32119, A-KB32315, A-KB32519 and A-KB32719 in small round bur holder with cover



### A-AC1 Abrasive Cleaner \$8.63

4" x 1-1/2" x 1-1/2"  
Removes material from around Typhoon points. Restores clogged sanding bands, discs, cartridge rolls, and other abrasives. Use it like a giant eraser by holding the accessory against the block while running to remove embedded grinding debris.



### A-HB58 \$5.41 Brass Brush

Overall Dimensions–5/8" w x 5-3/4" l.

Bristles–3/8" w x 1-3/4" l x 5/8" h. Typhoon

Burs, Sanding Sleeves, and Discs are easy to clean with the A-HB58 Brass Brush.

It removes dust or chips from between rows of carbide points. **Caution–Do not use a file card or steel brush to clean Typhoon burs and sleeves.**

## 1/8" (3.18 mm) shank

**Blue Grit– Fine Red Grit– Coarse**

	Part No.	Price Each	Shape	Head " Diameter x Length "	Overall Length "
	A-KB18314 A-KB18315	\$17.60	Ball	5/16 x 5/16	1-1/4
	A-KB18338 A-KB18339	17.60	Ball	7/16 x 7/16	1-3/8
	A-KB18118 A-KB18119	19.90	Long Taper	3/16 x 3/4	1-1/2
	A-KB18114 A-KB18115	17.60	Taper	5/16 x 1/2	1-1/2
	A-KB18414 A-KB18415	17.60	Bud	5/16 x 3/4	1-11/16
	A-KB18718 A-KB18719	19.90	Ball Nose	3/16 x 7/8	1-1/2
	A-KB18714 A-KB18715	17.60	Ball Nose	5/16 x 1/2	1-3/8
	A-KB18834 A-KB18835	17.60	Rotor saw	11/16 x 3/16	1-1/8
	A-KB18914 A-KB18915	17.60	Flame	7/16 x 5/8	1-3/8
	A-KB18638 A-KB18639	17.60	Dove Tail	7/16 x 1/2	1-9/16
	A-KB18514 A-KB18515	17.60	Cylinder	5/16 x 1/2	1-9/16
	A-KB18524 A-KB18525	17.60	Cylinder Smooth End	5/16 x 1/2	1-1/2

### AKHK84 4-Pc Typhoon Kit

**\$77**

1/8" (3.18mm) shanks: A-KB18119

A-KB18834 A-KB18414, and A-KB18715





**1/4" (6.4 mm) shank**

## Tungsten Carbide Burs Made in USA.

**1/4" shank Typhoon's long lasting, structurally aligned tungsten carbide points are used in handpieces and rotary tools that can hold these larger burs.**

Use **BLUE** fine grit for general shaping and sanding and **RED** coarse grit for even more rapid and aggressive shaping and roughing out work. Ideal for use on hard and soft wood, acrylic, plaster, hard rubber, fiberglass, and die stone in the dental lab industry.

Part No.	Price Each	Shape	Head " Diameter x Length "	Overall Length "
A-KB14714 A-KB14715	\$20.40	Ball Nose	5/16 x 1-3/4	3
A-KB14734 A-KB14735	28.00	Ball Nose	13/16 x 1-1/4	2-1/2
A-KB14712 A-KB14713	20.40	Ball Nose	9/16 x 3/4	2
A-KB14395	23.80	Ball	7/8 x 7/8	2-1/16
A-KB14312 A-KB14313	20.40	Ball	9/16 x 9/16	1-3/4
A-KB14978 A-KB14979	28.00	Flame	7/8 x 1-3/8	2-5/8
A-KB14958	22.00	Flame	5/8 x 1-1/16	2-1/4
A-KB14912 A-KB14913	19.50	Flame	3/8 x 3/4	2-1/16



### AK490 3-Pc Typhoon Kit \$71

1/4" shanks: A-KB14979 - large flame, A-KB14712 - small ball nose, and A-KB14533 - smooth end cylinder,

**25,000 RPM Max Speed** for burs with head diameters less than 13/16" (21 mm).

**10,000 RPM Max Speed** for all sanding sleeves and burs with head diameters 13/16" (21 mm) or larger.



Part No.	Price Each	Shape	Head " Diameter x Length "	Overall Length "
A-KB14114 A-KB14115	\$20.50	Taper 5°	5/16 x 1-1/2	2-13/16
A-KB14178 A-KB14179	28.00	Taper 15°	13/16 x 1-3/8	2-1/2
A-KB14158 A-KB14159	20.50	Taper 15°	9/16 x 1	2-3/8
A-KB14198 smooth end	28.00	Taper 5°	13/16 x 1-1/4 (9/16)	2-1/2
A-KB14534 A-KB14535	28.00	Cylinder	13/16 x 1-1/4	2-1/2
A-KB14533	23.20	Cylinder smooth end	9/16 x 1-1/4	2-1/2
A-KB14522	20.40	Cylinder smooth end	9/16 x 3/4	2

### For use on M.B.L and other bench lathes: Sanding Sleeves for 1/4" or 6 mm mandrels

Part No.	Price Each	Outer & (Inner) " Diameter x Length "	6-Sleeve Kits Part No. (Price)
A-KB43524 A-KB43521	without Mandrel \$20.60	15/16 (3/4) x 1/2	AK492 Kit with 6 A-KB43524 Coarse Sleeves \$124.00
A-KB43525 A-KB43522	with 1/4" shank Mandrel A-SD143 \$24.00		AK491 Kit with 6 A-KB43521 Fine Sleeves \$124.00
A-KB43544	without Mandrel \$26.00	15/16 (3/4) x 1	
A-KB43545	with 1/4" shank Mandrel A-SD144 \$30.00		
A-KB43546	with 6 mm shank Mandrel A-SD662 \$30.00		

## 3M Sanding Bands and Discs Made in USA

**Use 3M Flexible Diamond Abrasives to grind, sand and smooth: glass, carbide, composite, plastic, enamels, stone, steel, exotic alloys, gypsum, ceramics, wood, bone, chrome cobalt, painted or plated surfaces, fiberglass.**

**Flexible Diamond** bands and discs are made from a two-ply polyester backing film evenly coated with diamond filled nickel plated dots. Use wet with water when working on glass or stone, and oil when working on metals. Clean and unload with the A-AC1 Abrasive Cleaner or A-HB58 Brass Brush on page 58. Bands in assorted grits are used with rubber drum mandrels with 3/32" (2.35 mm), 1/8", and 1/4" shanks. 2" discs (51 mm) with PSA (pressure sensitive adhesive) backs come in a choice of grits for use on 2" disc mandrels in flex shaft handpieces, M.BL Bench Lathe and Foredom's Angle Grinder. See pages 71-72 for mandrel listings.

**Flexible Diamond Bands** in assorted grits are used with rubber drum mandrels with 3/32" (2.35 mm), 1/8", and 1/4" shanks. 40,000 RPM Max Speed

### Bands



Use Mandrels:  
A-SD324 or  
A-SD184 with  
Handpiece

Micron Grade	Grit	Individual Part No.	Price Each
<b>1/4" D x 1/2" L (6 x 13 mm)</b>			
250	60	A-4812	\$10.82
125	120	A-4813	9.26
74	220	A-4814	9.26
40	400	A-4817	9.26
20	800	A-4818	9.26
5-Pc Assortment (1 each grit)		AK4810	\$49.92



Use Mandrels:  
A-SD328 or  
A-SD188 with  
Handpiece

<b>1/2" D x 1/2" L (13 x 13 mm)</b>			
250	60	A-4822	\$13.62
125	120	A-4823	12.48
74	220	A-4824	11.23
40	400	A-4827	10.40
20	800	A-4828	10.40

### 2" (51 mm) Flexible Diamond Discs

with PSA (pressure sensitive adhesive) backs come in a choice of grits for use on 2" disc mandrels in flex shaft handpieces, M.BL Bench Lathe and Foredom's Angle Grinder. See pages 72 for mandrel listings.

10,000 RPM Max Speed

Micron Grade	Grit	Individual Part No.	Price Each
250	60	A-5752	\$17.99
125	120	A-5753	14.46
74	220	A-5754	12.27
40	400	A-5756	10.09
20	800	A-5758	10.09
5-Pc Assortment (1 each grit)		AK5750	\$60.06

Use Mandrels: A-M33, A-M335, A-M338 with a Bench Lathe

Use Mandrel: A-69222 with A-10041 Velcro Disc on a 2" Angle Grinder

Part Numbers and Prices are shown in red on each page.

**3M Cerium Oxide Abrasives are extremely fine — .5 Micron Grade / 50,000 grit for final, high shine polishing on gemstone, rock and glass.**

Bands and discs must be used wet. **Maximum Speeds are listed below.** Results are also best when used following a 1,200 to 4,000 grit abrasive.

**Cerium Oxide Bands** are used with rubber drum mandrels with 3/32" (2.35 mm), 1/8", and 1/4" shanks. See pages 71-72 for mandrel listings.

### Bands



Use Mandrels:  
A-SD324 or A-SD184  
with Handpiece

Max. Speed	Part No.	Price Each
<b>1/4" D x 1/2" L (6 x 13 mm)</b>		
40,000 RPM	A-4402	\$2.08



Use Mandrels:  
A-SD328 or A-SD188  
with Handpiece

<b>1/2" D x 1/2" L (13 x 13 mm)</b>		
40,000 RPM	A-4404	\$2.70

### Discs



Use Disc Mandrels:  
A-M4 with Handpiece

**Cerium Oxide Discs** with PSA (pressure sensitive adhesive) backs are for use on disc mandrels in flex shaft handpieces. The 2" discs are also for use with M.BL Bench Lathe and Foredom's Angle Grinder. See pages 71-72 for mandrel listings.

Diameter	Part No.	Price Each
<b>3/4" (19 mm) PSA Pressure Sensitive Adhesive Disc</b>		
15,000 RPM	A-4406	\$1.35



2" Disc mandrel with  
Flexible Diamond Disc

**Use 2" PSA discs with mandrels on flex shaft handpieces, M.BL Bench Lathe or a 2" Angle Grinder Attachment:**

**Handpieces H.44T, H.43T, H.25:** mount with 2" Disc Mandrels and Velcro® Hook and Loop Discs, see page 72

**Bench Lathe:** Mount with 2" and 3" Disc Mandrels and Velcro® Hook & Loop Discs, see pages 72. Collet Holder A-CHA-5 is also needed.

**Angle Grinder:** Mount with Velcro® Hook Disc Mandrel & Velcro® Loop Disc, see pages 72-76.

# Sanding Bands and Discs

**3M Ceramic Purple Abrasives last 2 to 4 times longer than aluminum oxide. 3M's Cubitron™ ceramic aluminum oxide mineral sharpens itself with use. Made in USA.**

Use these bands and discs for sanding and finishing wood, metals, fiber-glass, diestone, plastics, and other materials. Once initial grinding wears the grain flat, it fractures along micro cracks creating new cutting edges. This process repeats itself throughout the entire grinding process and produces faster stock removal with less heat and loading. **Optimum Operating Speeds are between 25%–50% of the maximum listed speed for each size band or disc.**

Mandrels are on pages 71–72.



**Bands**      **Grit**      **10-Pack Part No.**      **Price**      Rubber drum mandrel with Ceramic Purple Sanding Band

**1/4" D x 1/2" L (6 x 13 mm)** 40,000 RPM Max Speed

60	<b>A-4912-10</b>	<b>\$5.10</b>
80	<b>A-4913-10</b>	
120	<b>A-4914-10</b>	
220	<b>A-4916-10</b>	
12-Pc Assortment (3 each of 4 grits)	<b>AK4910</b>	<b>\$6.03</b>

Use Mandrels: A-SD324 or A-SD184 with Handpiece

**1/2" D x 1/2" L (13 x 13 mm)** 40,000 RPM Max Speed

60	<b>A-4922-10</b>	<b>\$6.45</b>
80	<b>A-4923-10</b>	
120	<b>A-4924-10</b>	
220	<b>A-4926-10</b>	
12-Pc Assortment (3 each of 4 grits)	<b>AK4920</b>	<b>\$7.70</b>

Use Mandrels: A-SD328 or A-SD188 with Handpiece

**3/4" D x 1-1/2" L (19 x 38mm)** 10,000 RPM Max Speed

60	<b>A-4942-10</b>	<b>\$18.20</b>
80	<b>A-4943-10</b>	
120	<b>A-4944-10</b>	
220	<b>A-4946-10</b>	
12-Pc Assortment (3 each of 4 grits)	<b>AK4940</b>	<b>\$21.58</b>

Use Mandrel: A-SD145 with Handpiece

**3" (76.2 mm) Discs with PSA Pressure Sensitive Adhesive** Discs this large should not be used on flexible shaft handpieces.

10,000 RPM Max Speed

60	<b>A-5692</b>	<b>\$3.12</b>
80	<b>A-5693</b>	
120	<b>A-5694</b>	
220	<b>A-5695</b>	
4-Pc Assortment (1 each of 4 grits)	<b>AK5690</b>	<b>\$11.44</b>

**3" Discs**

Use 3" Discs with A-M34 Disc Mandrel and A-CHA-5 Collet Holder on M.B.L Bench Lathe.



**Aluminum oxide sanding bands are made of high-grade mineral and a bonding system which reduces shelling of the mineral. Excellent and economical for fast clean up and pre-polishing work.** Mandrels are on pages 71.

**Bands**

**1/4" D x 1/2" L (6 x 13 mm)** 40,000 RPM Max Speed

	<b>Assortment</b>	<b>Price</b>	<b>NEW</b>
6 of each grit below	<b>AK4670</b>	<b>\$12.80</b>	
<b>Grit</b>	<b>10 Packs</b>	<b>\$4.05</b>	<b>600 Packs \$94.68</b>
60	<b>A-4672-10</b>		<b>A-4672-600</b>
80	<b>A-4673-10</b>		<b>A-4673-600</b>
120	<b>A-4674-10</b>		<b>A-4674-600</b>
180	<b>A-4675-10</b>		<b>A-4675-600</b>
240	<b>A-4676-10</b>		<b>A-4676-600</b>
320	<b>A-4677-10</b>		<b>A-4677-600</b>
600	<b>A-4678-10</b>		<b>A-4678-600</b>



Use Mandrels: A-SD324 or A-SD184 with Handpiece

**1/2" D x 1/2" L (13 x 13 mm)** 40,000 RPM Max Speed

	<b>Assortment</b>	<b>Price</b>	<b>NEW</b>
6 of each grit below	<b>AK4680</b>	<b>\$13.80</b>	
<b>Grit</b>	<b>10 Packs</b>	<b>\$4.30</b>	<b>200 Packs \$36.05</b>
60	<b>A-4682-10</b>		<b>A-4682-200</b>
80	<b>A-4683-10</b>		<b>A-4683-200</b>
120	<b>A-4684-10</b>		<b>A-4684-200</b>
180	<b>A-4685-10</b>		<b>A-4685-200</b>
240	<b>A-4686-10</b>		<b>A-4686-200</b>
320	<b>A-4687-10</b>		<b>A-4687-200</b>
600	<b>A-4688-10</b>		<b>A-4688-200</b>



Use Mandrels: A-SD328 or A-SD188 with Handpiece

**3/8" D x 1/2" L (9.5 x 13mm)** 40,000 RPM Max Speed

	<b>Assortment</b>	<b>Price</b>
3 of each grit below	<b>AK4640</b>	<b>\$4.78</b>
<b>Grit</b>	<b>10 Packs</b>	<b>Price</b>
60	<b>A-4642-10</b>	<b>\$4.06</b>
80	<b>A-4643-10</b>	
120	<b>A-4644-10</b>	
220	<b>A-4646-10</b>	



Use Mandrels: A-SD326 or A-SD186 with Handpiece

**3/4" D x 1-1/2" L (19 x 38mm)** 10,000 RPM Max Speed

	<b>Assortment</b>	<b>Price</b>
3 of each grit below	<b>AK4660</b>	<b>\$9.15</b>
<b>Grit</b>	<b>10 Packs</b>	<b>Price</b>
60	<b>A-4662-10</b>	<b>\$8.63</b>
80	<b>A-4663-10</b>	
120	<b>A-4664-10</b>	
220	<b>A-4666-10</b>	



Use Mandrel: A-SD145 with Handpiece

**Flap Wheels 3/4" Diameter 1/8" Shanks \$9.20 each**

Made from economical aluminum oxide mineral. 3/4" wheels come mounted on 1/8" shanks in coarse (60), medium (80), & fine (120) grits. Made in USA

**20,000 RPM Max Speed**

**3/16" thick**

Coarse	<b>A-FW-1C</b>
Medium	<b>A-FW-1M</b>
Fine	<b>A-FW-1F</b>



**3/8" thick**

Coarse	<b>A-FW-2C</b>
Medium	<b>A-FW-2M</b>
Fine	<b>A-FW-2F</b>

## 3M Advanced Abrasives

Made in USA 10,000 RPM Max Speed



**A-4452**  
orange

**A-4453**  
teal

**A-4454**  
beige

**A-4455**  
green

**A-4456**  
peach

**A-4457**  
light green

**A-4583**  
pink

**2" (51mm) diameter Diamond Microfinishing discs are used for lapidary and metal working. They work on stone, glass, stainless steel, and titanium.**

Use wet with water when working with gemstone, rock, and glass, and oil when working on metals. They have flexible film backing with PSA (pressure sensitive adhesive) backs and come in six color coded micron grades from 125 to 3. They have flexible film backing suitable for metal and lapidary applications. For use on disc mandrels in Flexible Shaft Handpieces, M.BL Bench Lathe and Foredom's 2" Angle Grinder. PSA discs work great on all materials including stone, glass and hard-to-work-on stainless steel and titanium.

Part No.	Price Each	Grit / Micron		Color
<b>A-4452</b>	<b>\$4.89</b>	120	125	orange
<b>A-4453</b>	<b>\$4.78</b>	220	74	teal
<b>A-4454</b>	<b>\$4.78</b>	320	45	beige
<b>A-4455</b>	<b>\$4.78</b>	400	30	green
<b>A-4456</b>	<b>\$4.78</b>	800	20	peach
<b>A-4457</b>	<b>\$4.78</b>	1,200	9	light green
<b>A-4583</b>	<b>\$8.84</b>	4,000	3	pink
<b>AK4450</b>	<b>\$34.94</b>	7-Pc Assortment 1 each grit		
<b>AK4400</b>	<b>\$49.14</b>	16-Pc Assortment 1 each grit, A-10040 Velcro Hook, A-10041 (8) Velcro Loop		

2" disc Mandrels are listed on page 72

For Bench Lathe or Handpiece: **A-M33**, **A-M335** or **A-M338**  
For 2" Angle Grinder **A-69222** with **A-10041** Velcro Disc

## 3M Trizact™ Sanding Bands and Discs

Made in USA

**Trizact bands and discs can be used wet or dry for finishing and pre-polishing metals, plastics and composites.**

Trizact's 'micro-replication technology' ensures uniform finishes and fast, consistent cutting rate.

**Bands— 1/2" D x 1" L (13 x 25 mm) \$9.05 / 10-pack**

Use in Handpieces with A-SD141 Mandrel, 20,000 RPM Max Speed

Grit	Part No. 10/pack	Grit	Part No. 10/pack
220	<b>A-4733-10</b>	1,200	<b>A-4737-10</b>
400	<b>A-4735-10</b>	2,500	<b>A-4738-10</b>
600	<b>A-4736-10</b>		

**3" (76.2 mm) Discs with PSA Pressure Sensitive Adhesive \$1.98 each**

Use with A-M34 Disc Mandrel and A-CHA-5 Collet Holder on M.BL Bench Lathe. **3" Discs should not be used on flexible shaft handpieces. 10,000 RPM Max Speed**

Grit	Part No.	Grit	Part No.
400	<b>A-5943</b>	1,200	<b>A-5946</b>
600	<b>A-5944</b>	2,500	<b>A-5948</b>

Mandrels are listed on page 71–72.

## 3M Wet/Dry Micron Graded Polishing Papers

**3M Wet/Dry Micron Graded Polishing Papers have super flexible non-woven backings for easy polishing of soft materials with flat or contoured surfaces such as precious metals, aluminum, acrylic, polyurethane, solid surface composites, fiberglass, and finished wood. Made in USA**

The polishing paper sheets measure 8-1/2" x 11" (21.59 x 27.94 cm) and can be used with or without water. For best results work in sequence from the coarsest to the finest grade. Papers can be cut into strips for use on sanding sticks – (shown on facing page) glued or taped and rolled for use on the finger sanders, or cut into smaller pieces, wrapped, glued, and mounted on split mandrels, see page 70.

**Comes in 6 micron grades from: 1 (finest) to 30 (coarsest) microns in packs of 10 per grade or a 6-pc assortment.**

Micron Grade	Grit / Color	Abrasive	Part No.	Price/ 10-Pk
1	10,000 / White	Aluminum Oxide	<b>37-941</b>	<b>\$24.44</b>
2	6,000 / Aqua	Aluminum Oxide	<b>37-942</b>	
3	4,000 / Pink	Aluminum Oxide	<b>37-943</b>	
9	1,200 / Lt. Blue	Aluminum Oxide	<b>37-944</b>	
15	800 / Gray	Silicon Carbide	<b>37-945</b>	
30	400 / Green	Silicon Carbide	<b>37-946</b>	
<b>6-Pc Assortment (1 each grade)</b>			<b>37-948</b>	<b>\$14.56 each</b>
<b>Super Bond Film Tape 1" x 36 Yards</b>			<b>37-959</b>	<b>\$31.15 each</b>
Use for making belts for hand sanders				



## AK3375 Wayne Werner Sanding Kit for Bench Lathe

**\$92.56 28-piece kit requires a 1/4" collet installed in A-CHA-5 Collet Holder**

**7,000 RPM Max Speed**

**Includes:** 3 each: 1/2" x 1" Trizact Sanding Bands, 2 each: 3" Trizact Sanding PSA Discs in 4 grits, 4 each: 1/2" x 1" Rubber Drum Mandrels and 3" Disc Mandrels with 1/4" shanks.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories  
FOREDOM® FOREDOM ELECTRIC CO. [www.foredom.net](http://www.foredom.net)

## NEW Sanding Accessories

**37-772**  
holds sandpaper  
1/2" or 5/8" wide



**37-752** holds sandpaper  
1" wide

### Sanding Sticks \$7.70 each

Sanding sticks (10-1/2" long) with molded plastic handles and adjustable metal clamps come in two widths to hold 1/2", 5/8" or 1" wide x 11" long strips of abrasive paper. Both are packed with an 11" long, 120 grit cloth back sandpaper strip.

Replacement strips are available in packs of 10 per grit or assortment packs with 2 of each grit.

3M Micron Graded Wet/Dry Polishing Papers cut into strips from 8-1/2" x 11" sheets work well (for fine polishing on smooth surfaces).

Emery paper cut from 11" sheets or 1" and wider rolls can also be used with the sticks.

**1/2" wide Cloth Backed  
Sandpaper for 37-772  
Sanding Stick \$6.24/10-pk**

<b>37-786</b>	80 coarse	
<b>37-787</b>	120 medium	
<b>37-788</b>	180 fine	
<b>37-789</b>	220 extra fine	
<b>37-785</b>	400 ultra fine	
<b>37-782</b>	Assortment	<b>\$6.24</b>
	2 each of above	

**1/2" wide Cloth Backed  
Sandpaper for 37-752  
Sanding Stick \$7.38/10-pk**

<b>37-766</b>	80 coarse	
<b>37-767</b>	120 medium	
<b>37-768</b>	180 fine	
<b>37-769</b>	220 extra fine	
<b>37-765</b>	400 ultra fine	
<b>37-762</b>	Assortment	<b>\$7.80</b>
	2 each of above	

**A-SS26 Round**  
8" long  
1/4" x 5/16"



**A-SS27 Square**  
8" long 3/8" x 3/8"

### Sandpaper Holders \$5.43 each

Sandpaper Holders are made of lightweight aluminum with plastic coated handles. Choose from round or square shape to hold sanding paper, cloth, or other abrasive paper. 3M Micron Graded Wet/Dry Polishing Papers cut into smaller sheets work well (for fine polishing on smooth surfaces).

Ideal for sanding, filing and polishing small or concave workpieces. Hinged at the end, each can hold abrasive sheets that are 1-1/2" x 3-1/2". After opening the hinge, wrap the sheet around the stick, tuck the ends inside and close the hinge to hold the abrasive surface in place.



## NEW Sandpaper Rolls in Packs of 12

From 180 grit all the way up to super fine 5000 grit, mounted on 3/32" (2.35 mm) shanks, these sandpaper rolls are efficient and economical for fast clean up, sanding and pre-polishing. **5,000 RPM Max Speed**

As the abrasive wears, simply peel the paper back and tear it off to expose fresh abrasive. The roll is made up of 1" wide x 10" lengths of high-quality abrasive paper. Overall length of accessory is 2-1/4" (57 mm).

Grit	Part No.	12-Pack Price
180	<b>A-SR180-12</b>	<b>\$16.24</b>
220	<b>A-SR220-12</b>	<b>16.24</b>
240	<b>A-SR240-12</b>	<b>16.24</b>
280	<b>A-SR280-12</b>	<b>16.24</b>
320	<b>A-SR320-12</b>	<b>16.24</b>
400	<b>A-SR400-12</b>	<b>16.24</b>
600	<b>A-SR600-12</b>	<b>16.24</b>
800	<b>A-SR800-12</b>	<b>17.85</b>
1000	<b>A-SR1000-12</b>	<b>17.85</b>
1200	<b>A-SR1200-12</b>	<b>17.85</b>
1500	<b>A-SR1500-12</b>	<b>18.94</b>
2000	<b>A-SR2000-12</b>	<b>27.06</b>
2500	<b>A-SR2500-12</b>	<b>27.06</b>
3000	<b>A-SR3000-12</b>	<b>35.18</b>
5000	<b>A-SR5000-12</b>	<b>35.18</b>

# NEW Dental Lab Accessories from Foredom®

2.35 mm (3/32") shank



## Abrascotch-Hardi Non-Woven Mounted Flap Wheels

10,000 RPM Max Speed Made in Germany

3,000 - 5,000 RPM Optimum Speed

Abrascotch mounted abrasives have stable, pliable, nylon, non-woven, abrasive heads. They clean and leave a matte finish on metal or plastic surfaces. They are excellent for prostheses and thermoforming slides, smoothing, pre-polishing, and for thermoforming films.

### 4 different aluminum oxide abrasive grits:

**800 grit** (very fine) is for pre-polishing and finest de-burring of thermoforming foils.

**400-280 grit** (fine) for smoothing all types of plastics.

**240-180 grit** (medium) for smoothing all types of plastics.

**120-80 grit** (coarse) for de-burring of thermoforming foils and for smoothing plastics.

Part No.	Grit	mm (inches)	Diameter x thick (shown)
<b>\$12.00 each</b>			30 x 5 (1.18 x .196)

<b>A-94432</b>	800
<b>A-94433</b>	400-280
<b>A-94434</b>	240-180
<b>A-94435</b>	120-80

**\$14.00 each** 30 x 10 (1.18 x .393)

<b>A-94422</b>	800
<b>A-94423</b>	400-280
<b>A-94424</b>	240-180
<b>A-94425</b>	120-80

## Mini-Vlies Mounted Brushes

22 mm (.866") head diameter

25,000 RPM Max Speed

5,000 - 8,000 RPM Optimum Speed

Made in Germany

Extremely long lasting brushes have natural bristles plus a non-woven fiber inner layer which does not get caught in the prostheses. Designed for polishing resins and metals with polishing compounds. The insert holds the polishing compound for far longer than a standard brush.

**A-93241 \$3.90**

**Black Chunking with Non-Woven Fiber Insert** for high-gloss polishing on resins and metals.

**A-93242 \$4.90**

**White Goat Hair with Non-Woven Fiber Insert** for high-gloss polishing on resins and metals.



## Mini-Pli Brushes Made in Germany

22 mm diameter (.866")

25,000 RPM Max Speed

5,000 - 8,000 RPM Optimum Speed

Designed for polishing resins and metals, these come in several combinations of high quality natural bristles with layers of either woven canvas or chamois. The insert holds the polishing compound for far longer than a standard brush.

**A-93231 \$4.90**

**White Goat Hair with Chamois insert** ideal for high-gloss polishing on resins.

**A-93232 \$4.90**

**White Goat Hair with Woven Canvas insert** is for mirror-polishing on resins and metals.

**A-93233 \$3.90**

**Black Chunking with Woven Canvas insert** is a firm hair for high abrasiveness and durability for high-gloss polishing on metals.

## Abrascotch Non-Woven Mounted Abrasives

25,000 RPM Max Speed / 5,000 - 8,000 RPM Optimum Speed Made in Germany

Abrascotch mounted abrasives are used in handpieces. Their nylon non-woven abrasive heads clean and leave a matte finish on metal or plastic surfaces. In dental labs they are excellent for prostheses and thermoforming slides, smoothing, pre-polishing, and for thermoforming films. **3 different head sizes and in 4 different abrasive grits:**

**Extra Fine** (white) has no abrasive.

**Fine** (gray) aluminum oxide abrasive for pre-polishing and finest de-burring of thermoforming foils.

**Medium** (red) has aluminum oxide abrasive for smoothing plastics.

**Coarse** (brown) has aluminum oxide abrasive for de-burring of thermoforming foils and smoothing plastics.



Part No.	Grit	Diameter x thick
<b>\$2.20 each</b>		<b>Small</b> 15 x 6 mm
<b>A-94121</b>	Extra Fine	(.59" x .236")
<b>A-94122</b>	Fine	
<b>A-94123</b>	Medium	
<b>A-94124</b>	Coarse	

<b>\$2.50 each</b>		<b>Medium</b> 22 x 10 mm
<b>A-94221</b>	Extra Fine	(.866" x .393")
<b>A-94222</b>	Fine	
<b>A-94223</b>	Medium	
<b>A-94224</b>	Coarse	

<b>\$3.00 each</b>		<b>Large</b> 28 x 10 mm
<b>A-94321</b>	Extra Fine	(1.1" x .393")
<b>A-94322</b>	Fine	
<b>A-94323</b>	Medium	
<b>A-94324</b>	Coarse	

## Unitized Mounted Points 20,000 RPM Max Speed

**\$6.76 each** Made in USA

Made of pressed, non-woven, tough abrasive nylon fibers with aluminum oxide grain for surface blending, preparation, finishing and light de-burring. Long lasting, smooth running and non-contaminating. **3 different shapes and in 3 grits:**

**Fine:** requires very light pressure, conformable

**Medium:** requires heavy pressure, aggressive

**Coarse:** requires heaviest pressure, most aggressive



Part No.	Grit	Shape	Diameter x Long
<b>A-5591</b>	Fine	<b>Ball Nose</b>	1/2" x 1/2"
<b>A-5592</b>	Med		1-7/8" overall length
<b>A-5593</b>	Coarse		
<b>A-5594</b>	Fine	<b>Flat Top Taper</b>	3/8" x 3/4"
<b>A-5595</b>	Med		2-1/8" overall length
<b>A-5596</b>	Coarse		
<b>A-5597</b>	Fine	<b>Wheel</b>	3/4" x 1/4"
<b>A-5598</b>	Med		1-7/8" overall length
<b>A-5599</b>	Coarse		

## NEW Mounted Satin Finishers

3/32" (2.35mm) shank

1" diameter x 5/8" thick 2" overall length

Satin Finishers have nylon heads impregnated with a choice of three abrasive grits for cleaning and obtaining matte finishes on metal or plastic.

Part No.	Grit	Color
<b>A-5528-12</b>	Coarse	Light Red
<b>A-5527-12</b>	Medium	Red
<b>A-5526-12</b>	Extra Fine	Green






**12 packs  
of each grit  
\$13.51**

## NEW Mounted Brushes


Part Numbers and Prices are shown in red on each page.

### Mounted Bristle Brushes 3/32" (2.35mm) shank

Bristle Brushes are used to clean and prepare flat, curved, and uneven surfaces for buffing and polishing and to polish with polishing compounds. They are made with natural bristles—chunking for stiff, horsehair for firm, and goat hair for soft bristles. Steel rings hold and evenly distribute bristles.

	Part No.	Bristle Type	Head mm Diameter	Package Quantity / Price
	<b>Wheel-Shape</b>			
	A-MB22-12	White Goat	22	12 pack / \$6.69
	A-MB21-12	White Horse	14.2	12 pack / \$8.02
	A-MB23-12	White Horse	19	12 pack / \$6.69
	A-MB24-12	Black Chunking	22	12 pack / \$6.69
	A-MB25-12	Gray Goat	22	12 pack / \$6.69
	<b>Star-Shape</b>			
	A-SB20-12	White Goat	22	12-pack / \$7.14
	A-SB21-12	White Horse	22	12-pack / \$7.14
	A-SB23-12	White Chunking	22	12-pack / \$7.14
	<b>Star Anise-Shape</b>			
	A-AS30-12	White Goat	22	12-pack / \$7.14
	A-AS31-12	White Horse	22	12-pack / \$7.14
	A-AS33-12	White Chunking	22	12-pack / \$7.14
	<b>End Brushes</b> diameter x length			
	A-MB35-24	White Horse	4.8 x 9.5	24 pack / \$10.68
	A-MB33-24	Black Chunking	4.8 x 9.5	24 pack / \$10.68
	<b>Cup Brushes</b> diameter x length			
	A-MB11-12	Gray Goat	12 x 9.5	12-pack / \$9.35
	A-MB12-12	White Horse	12 x 9.5	12-pack / \$9.35
	A-MB13-12	Black Chunking	12 x 9.5	12-pack / \$9.35

### Individual Mounted Bristle Brushes 1/8" (3.175 mm) shank Made in USA

	Part No.	Head Diameter"	Trim Length"	Overall Length"	Density	Price Each
	A-MB18	9/16	1/4	2	Stiff	\$2.39
	A-MB28	3/4	3/16	1-5/8	Stiff	1.87
	A-MB238	3/4	3/16	1-5/8	Soft	2.08




## For use in Handpieces 25,000 RPM Max Speed

### Mounted Brass and Steel Brushes 3/32" (2.35mm) shank


Brushes are for use on all metal surfaces for removing rust and corrosion, de-burring, cleaning, edge blending, and other surface texturing and preparation.

	Part No.	Wire Bristle	Head mm Diameter	Package Quantity / Price
	<b>Wheel-Shape</b>			
	A-MB27-12	Brass	19	12 pack / \$9.35
	A-MB62-12	Brass	22	12 pack / \$10.26
	A-MB71-12	Steel	19	12 pack / \$9.35
	A-MB72-12	Steel	22	12 pack / \$10.26
	<b>End Brushes</b> diameter x length			
	A-MB41-24	Brass	4.8 x 9.5	24 pack / \$13.37
	A-MB51-24	Steel	4.8 x 9.5	24 pack / \$13.37
	<b>Cup Brushes</b> diameter x length			
	A-MB14-12	Brass	12 x 9.5	12 pack / \$11.13
	A-MB15-12	Steel	12 x 9.5	12 pack / \$11.13

### Individual Mounted Steel Brushes 1/8" (3.175 mm) shank Made in USA

	Part No.	Head Diameter"	Trim Length"	Overall Length"	Wire Size"	Price Each
	<b>Cup</b>					
	A-MB128	5/8	1/4	2	.005	\$4.68
	A-MB58	3/16	1/4	1-7/8	.003	4.32
	A-MB538	5/16	9/16	2-3/8	.005	7.28
	<b>Wheel</b>					
	A-MB738	3/4	3/16	1-5/8	.003	5.82
	A-MB78	3/4	3/16	1-5/8	.005	4.58
	A-MB838	1	5/16	1-5/8	.003	3.85

### Individual Mounted Brass Brushes 1/8" (3.175 mm) shank Made in USA

	Part No.	Head Diameter"	Trim Length"	Overall Length"	Wire Size"	Price Each
	A-MB68	1	5/16	1-5/8	.005	\$3.43

## NEW Mounted Polishing Accessories

3/32" (2.35 mm) shank

**NEW Use mounted felt bobs for buffing and polishing with compounds on hard and soft metals, metal plate, precious metals, plastics, wood, acrylic, and painted surfaces.**

10,000 RPM Max Speed

### AKFB32 13-Pc Assortment Kit with Mounted Felt Bobs \$15.79

Kit contains medium density felt bobs with 3/32" (2.35 mm) shanks.

Overall lengths: 2" (50.8 mm).

#### Kit Includes:

##### Cylinders:

12 x 20 mm

2 each 10 x 18 mm

6 x 15 mm

##### Bullets:

12 x 20 mm

10 x 18 mm

6 x 15 mm

##### Flame:

10 x 15 mm

##### Round Top Cylinders:

10 x 18 mm

8 x 15 mm

##### Flat Top Taper:

10 x 18 mm

##### Inverted Flat Top Taper:

10 x 18 mm

##### Drum:

10 x 15 mm

### NEW Alcontura Mounted Buffs Made in Germany

25,000 RPM Max Speed / 5,000 RPM Optimum Speed

**Rubber backed cotton buffs produce hardly any lint or debris saving the time and expense of cleaning or replacing filters in dust collection equipment.** Use Alcontura high quality buffs with polishing compound to produce a high-gloss surface on plastics and metals. They last 3 times longer than standard buffs. Also available for bench lathe page 80.



Part No.	Price	Dimensions
A-93221	\$3.90	22 mm x 3 mm (.866" x .118")
A-93222	\$4.90	22 mm x 6 mm (.866" x .236")

### NEW Multi Packs Medium Density Mounted Felt Bobs

10,000 RPM Max Speed

Overall length of 2" (50.8 mm).

Part No.	Head (mm) Diameter	Shape	Package Quantity / Price
A-MS16-12	12	Cylinder	12-pack / \$10.01
A-MS15-24	6	Cylinder	24-pack / \$18.94
A-MS14-24	5	Cylinder	24-pack / \$18.94
A-MS19-12	12	Bullet	12-pack / \$10.01
A-MS18-24	6	Bullet	24-pack / \$18.94
A-MS17-24	5	Bullet	24-pack / \$18.94
A-MS20-12	8 x 16	Round	12-pack / \$24.33
A-MS21-12	10 x 20	Flame	12-pack / \$12.18
A-MS22-24	8 x 16	Taper	24-pack / \$24.33

### 12-packs of Mounted Cotton Mops for buffing and polishing with compounds on hard and soft metals, metal plate, precious metals, plastics, wood, acrylic, and painted surfaces.

25,000 RPM Max Speed



Part No.	Head Diameter	Package Quantity / Price
A-5521-12	25 mm	12 pack / \$11.13

# Mounted Polishing Accessories and Compounds Made in USA

**Use 1/8" (3.18mm) shank mounted felt bobs for buffing and polishing with compounds on hard and soft metals, metal plate, precious metals, plastics, wood, acrylic, and painted surfaces.**

20,000 RPM Max Speed

**Select Medium or Hard Density Felt Bobs by adding M or H to the Part Number.**

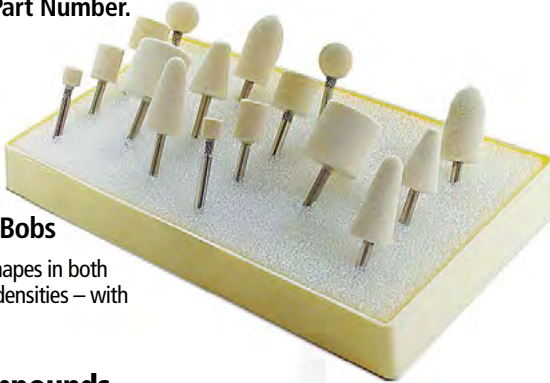
**AKFK3**

**\$41.50**

**16-Pc Kit**

**Mounted Felt Bobs**

Kit contains all 8 shapes in both medium and hard densities – with 1/8" shanks.



## Felt and Compounds

Felt is a compound carrier and the abrasives in compounds actually do the polishing. Surface speed, felt hardness, applied pressure, and frictional contact determine the amount of surface removal, or polishing. 'Cutting down' refers to a greater amount of surface removal than does 'coloring'. Buffing, polishing, and finishing—each include a 2-step process of cutting and then coloring which enhances the luster or reflectiveness of a work piece.

## Polishing Compounds

**AK4000 4 Bar Kit**

22.25 oz.

**AK4000 \$11.96**

Includes: A-4001 Emery, A-4002 Tripoli, A-4003 White Diamond, A-4004 Red Rouge

**Emery (Black)** Contains coarse grit to remove surface imperfections, scratches, rust, and burrs from iron, steel and other hard metals.

6.5 oz. bar **A-4001 \$2.91** 19 oz. bar **A-5001 9.98**

**Tripoli (Brown)** Most popular compound for blending and contouring. Also for general cutting down, scratch removal, and buffing on acrylics and non-ferrous metals such as zinc die castings, brass, copper, aluminum castings and sheets.

4.5 oz. bar **A-4002 \$2.91**

**White Diamond Rouge** Fast cutting on hard metals. Made with fine abrasive powder that produces a final satin finish on chrome, stainless steel, carbon steel, brass, and aluminum. Also use to remove rust, scale and carbon deposits on metal surfaces.

5.5 oz. bar **A-4003 \$2.91** 17 oz. bar **A-5003 9.98**

**Red Rouge** Produces a high luster on gold, silver, pewter, nickel plating and plastics for final polishing.

5.75 oz. bar **A-4004 \$2.91** 17 oz. bar **A-5004 9.98**

1 oz. tube **A-40041 2.29**

**Platinum Blue** For pre-polishing and cutting down of platinum and other metals.

5 oz. bar **A-4007 \$6.76**

**Platinum White** Unique formulation - only available from Foredom, for final polishing. Produces a deep luster high color final polish on platinum, gold, silver, and all metals. Also for final polishing on flexible partial material and acrylic.

5.75 oz. bar **A-4006 \$9.57** 1 oz. tube **A-40061 2.60**

**Carnauba** The hardest natural wax available. Non-tacky and highly regarded for its tough and wear resistant qualities. It is especially good for producing a high luster on wood and painted surfaces.

2 oz. bar **A-4008 \$9.57**

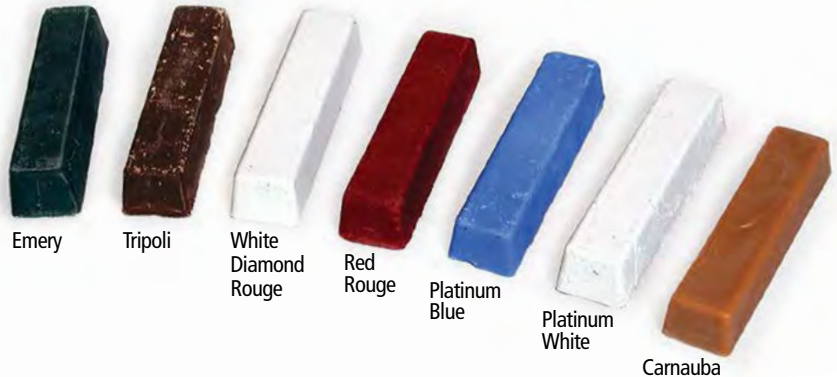
## INTRODUCING Zirconia Polishing Compound

**Mega-Dia-Z** High gloss polishing compound for Zirconia as well as all ceramic materials. Not for oral surgery. Made in Germany

30 gram / 1.06 oz. jar **A-4030 \$135.00**

## Individual 1/8" (3.18mm) shank mounted felt bobs

← overall length	Medium Density Part No.	Price Each	Hard Density Part No.	Head Diameter x Length	Overall Length
	A-MS1M	\$3.12	A-MS1H	1/2" x 1"	2-5/16"
	A-MS3M	3.12	A-MS3H	1/2" x 1"	2-5/16"
	A-MS4M	3.12	A-MS4H	1/2" x 3/4"	2-5/16"
	A-MS6M	3.12	A-MS6H	1/2" x 1/2"	2-1/8"
	A-MP1M	1.66	A-MP1H	1/4" x 1/4"	1-7/8"
	A-MP4M	1.77	A-MP4H	3/8" x 1/2"	1-7/8"
	A-MP5M	1.98	A-MP5H	1/2" x 1/2"	2-1/16"
	A-MP8M	3.12	A-MP8H	3/4" x 3/4"	2-1/4"



**Select the right compound, for the material being worked to produce the desired finish. Polishing compounds come in standard size bars.**



Platinum White and Red Rouge also come in small tubes that are sized and priced right for trying out a new compound.



**NEW**  
Zirconia  
Polishing  
Compound

Larger brushes and buffs for use with compounds are on page 78-81.

# 3M Scotch-Brite™ Radial Bristle Discs— 9/16", 3/4", 1" diameter Made in USA

Scotch-Brite Radial Bristle Discs have thin flexible bristles that get into hard to reach areas without removing detail or making flat spots. No compound needed. 3M Cubitron™ and aluminum oxide grains, embedded throughout the bristles enable them to work faster and last far longer than rubber wheels, regular brushes, buffs, or conventional sanders, generating little or no dust or heat.

**30,000 RPM Max Speed**

**Recommended Operating Speeds:**

**For most applications is 3,000 – 18,000 RPM**

**For Woodcarving 5,000 RPM**

Slower speeds allow greater flexibility and a softer touch with the bristles. Use the tips of the bristles with light pressure to extend the life of the accessory and achieve more subtle results. Higher speeds provide more aggressive material removal.

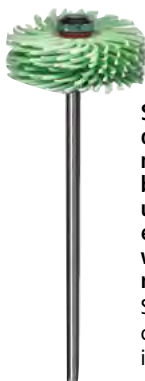
**For Jewelers and Dental Labs**

These non-contaminating discs are ideal for cleaning metal surfaces, removing light fire scale and oxide, finishing, blending, texturing, pre-polishing and polishing all precious and non-precious metals, dental acrylics, flexite, and ceramics.

**For Woodcarvers**

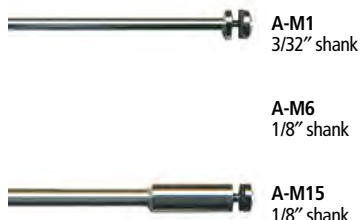
Scotch-Brite Radial Bristle Discs are superior to sandpaper, flap wheels, or other types of sanders, brushes, or abrasive wheels for many woodworking applications. Their flexible bristles can sand areas with detail, irregular, curved, or flat surfaces on soft or hard woods. Carvers can remove the "fuzzies" left behind without harming any underlying fine detail. Coarser grits can be used to carve and texture, while the finer grits will smooth, burnish, and polish.

**9/16" diameter**  
with 1/16" arbor hole  
**6-Pk \$11.23**



Stack 6 or more discs onto a mandrel to make a brush. Discs are not used individually except when working in the narrowest of channels. See page 70 for complete mandrel information.

**1/16" arbor mandrels**  
for 9/16" and 3/4" discs  
see page 70



**9/16" Assortment Kit with Mandrel**

**AK4520 37-pc Kit \$66.98**

6 discs each of 120, 220, 400, Pumice, 6 micron, & 1 micron + A-M1 mandrel (3/32")



**3/4" diameter**  
with 1/16" arbor hole  
**6-Pk \$11.23**



**3/4" Assortment Kits with Mandrels**

**AK4510 38-pc kit \$68.12**

6 discs each of 80, 220, 400, Pumice, 6 micron, and 1 micron + A-M1 (3/32") and A-M6 (1/8") mandrels

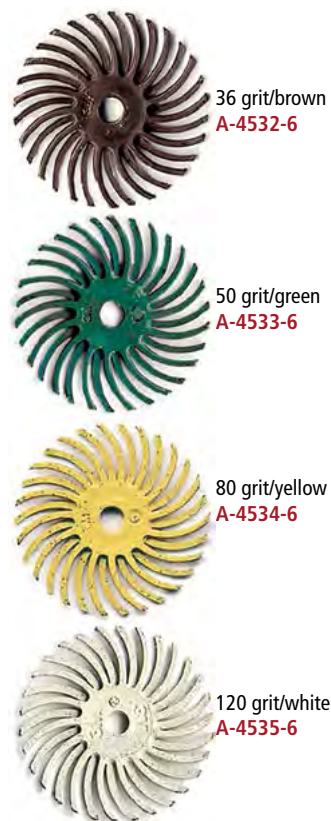
**AK4515 26-pc kit \$43.16**

6 discs each of 80, 120, 220, 400, and + A-M1 (3/32") and A-M6 (1/8") mandrels

**AK4519 10-pc kit \$18.72**

3 discs each of 80, 400, & 6 micron + A-M6 (1/8") mandrel

**1" diameter**  
with 1/8" arbor hole  
**6-Pk \$14.14**



**1" Assortment Kits with Mandrels**

**AK4530 25-pc kit \$55.69**

6 discs each of 36, 50, 80, & 120 grit + A-M20 (1/8") mandrel.

**AK4539 10-pc kit \$21.58**

3 discs each of 36, 80, and 120 grit + A-M20 (1/8") mandrel

**1/8" arbor mandrels for 1" discs**  
see page 70



# 3M Scotch-Brite™ Radial Bristle Discs– 2" and 3" Made in USA

with 3/8" arbor hole.

**2" and 3" Scotch-Brite Radial Bristle Discs with 3/8" arbor hole have the same properties as the smaller sizes on the facing page. The larger discs can be stacked on mandrels for use with handpieces or on spindle adapters for use on a bench lathe.**

2" discs can also be used on Foredom's 2" Angle Grinder Attachment. When using on the bench lathe, Radial Bristle Discs are most effective at speeds of 2,000 to 7,000 RPM. See page 70 for mandrel listings.

**2" Discs 30,000 RPM Max Operating Speed**  
Recommended Speed for most applications is 3,000–18,000 RPM

**3" Discs 20,000 RPM Max Operating Speed**  
Recommended Speed for most applications is 2,000–18,000 RPM

with Handpieces use 1/4" shank mandrels:  
see page 70



with 2" Angle Grinder:

A-69212  
Short Hub

A-69212L  
Long Hub



with Bench Lathe:

A-4561 Right Side  
Black Tapered Spindle Adapter



A-4562 Left Side  
Grey Tapered Spindle Adapter



**2" diameter  
6-Pk \$24.75**



80 grit  
yellow  
A-4542-6



120 grit  
white  
A-4543-6



220 grit  
red  
A-4544-6



400 grit  
blue  
A-4545-6



Pumice  
1,200 grit  
pink  
A-4546-6



6 Micron  
3,000 grit  
peach  
A-4547-6



1 Micron  
14,000 grit  
light green  
A-4548-6



**3" diameter 6-Pk \$33.75**



80 grit  
yellow  
A-4552-6



120 grit  
white  
A-4553-6



220 grit  
red  
A-4554-6



400 grit  
blue  
A-4555-6



Pumice  
1,200 grit  
pink  
A-4556-6



6 Micron  
3,000 grit  
peach  
A-4557-6



1 Micron  
14,000 grit  
light green  
A-4558-6

# Screw, Tapered, Split Mandrels & Adapters

Made in USA and Germany



Most of the time, you can use smaller accessories and mandrels at higher speeds than larger accessories and mandrels. It is important to follow the recommendations that come with both the accessory and mandrel you are using.

Maximum and recommended speeds vary depending on the type and size of the accessory as well as the mandrel in use.

Maximum speeds shown are based on a 1" overhang with an accessory that weighs under 1 gram and is smaller than 1/2" in diameter.

Screw and tapered mandrels are nickel plated except for A-M30, A-M31, A-M3, A-M16 and A-M89 which are plated with black oxide. A-M8 has no plating or oxide.

## Screw Type Mandrels

	Part No.	Shank"	Arbor Hole Capacity"	Overall Length"	Head Diameter"	Price Each	Max Speed
	A-M1	3/32	1/16	1-3/4	3/16	\$1.35	40,000
	A-M10	3/32	1/16	7/8	3/16	1.98	40,000
	A-M13	3/32	1/16	1-7/8	5/16	2.50	30,000
	A-M14	1/8	1/8	1-7/8	5/16	2.50	30,000
	A-M8	1/8	1/4	1-11/16	7/16	6.60	20,000
	A-M15	1/8	1/16	1-3/4	3/16	1.98	40,000
	A-M19	1/8	1/16	1-7/8	5/16	2.50	30,000
	A-M2	3/32	1/8	1-7/8	3/16	3.22	20,000
	A-M6	1/8	1/16	1-3/4	3/16	1.98	40,000
	A-M20	1/8	1/8	1-3/4	3/16	1.98	20,000
	A-M83	1/8	1/8	2-1/8	7/16	2.60	20,000
	A-M84	1/4	1/8	2-1/8	7/16	2.60	20,000
	A-M85	1/4	1/4	2-1/8	7/16	2.60	20,000
	A-M30	1/4	3/8	1-5/8	3/4	3.48	25,000
2" Velcro Hook Sanding Heads with 3/8" arbor holes, on page 75 can be mounted on A-M30 & A-M31 mandrels for use in handpieces.							
	A-M31	1/4	3/8	2	3/4	6.86	25,000

## Screwdriver A-PS83 \$5.10

5" long, double ended screwdriver fits many of the small screws on mandrels, flex shaft motor connectors, and other products. Has 1/8" wide flat blade, phillips tip, and pocket clip.



## Split Mandrels

	Part No.	Shank"	Head Diameter"	Slot Length x Width"	Overall Length"	Price Each
	A-M21	3/32	1/18	3/4 x 1/32	2-3/8	\$1.98
	A-M22	3/32	5/32	3/4 x 1/32	2-3/8	1.98
	A-M23	3/32	5/32	3/4 x 1/32	2-3/8	1.98
	A-M24	3/32	3/32	3/4 x 1/64	1-3/4	1.35
	A-M24LG	3/32	3/32	1/2 x 1/64	2-3/16	1.35
	A-M26	1/8	3/16	3/4 x 1/32	2-3/8	2.18

Sandpaper Split Mandrels have slots for inserting and wrapping small pieces of sandpaper. Nickel plated. Visit our website for sandpaper template. 20,000 RPM Max Speed

## Threaded and Tapered Mandrels

	Part No.	Shank"	Arbor Hole Capacity"	Overall Length"	Price Each	Max Speed
	A-M12	1/8	1/8	1-3/4	\$1.98	40,000
Threads: 1/8 - 40						
	A-M3	3/32	3/32	1-3/4	1.98	40,000
Threads: 3 - 48						
	A-M9	1/8	3/32	1-3/4	1.98	40,000
Threads: 3 - 48						
	A-M7	1/8	1/8	1-3/4	1.98	40,000
	A-M78	1/8	3/16	2-3/8	4.26	20,000
	A-M16	1/8	1/8	2-3/4	4.94	18,000
For use with cartridge rolls						
	A-M89	1/4	3/8	2-1/2	11.44	18,000
For use with 1", 2" and 3" buffs, see page 81.						

## Adapters for Mounting Discs onto M.BL Lathe

These adapters are used to mount accessories onto the tapered spindles of Foredom's M.BL Bench lathe. Use the A-4561 and A-4562 for 3M Scotch-Brite Radial Bristle Discs and wheels with 3/8" arbor holes. 10,000 RPM Max Speed

	Part No.	Side of Lathe	Arbor Hole"	Price Each
	A-4561	Right Hand Side	3/8	\$2.39
	A-4562	Left Hand Side	3/8	2.39
	A-4568	Both Sides	1	6.03
For mounting FX and other larger wheels with 1" holes.				

## Rubber Drum Mandrels Made in USA

### Rubber drum mandrels are used with sanding bands.

Rubber drum mandrels and A-SD324L, A-SD326L & A-SD328L are plated with black oxide. A-SD40, A-M1L & A-M7L are nickel plated.

#### 1/4" and 6 mm shank

	Part No.	Shank	Head Diameter" x Length"	Price Each	Max Speed RPM
	A-SD141	1/4"	1/2 x 1	\$6.45	20,000
	A-SD661	6 mm			
	A-SD143	1/4"	3/4 x 1/2	\$4.99	20,000
	A-SD144	1/4"	3/4 x 1	\$5.10	15,000
	A-SD662	6mm			
	A-SD145	1/4"	3/4 x 1-1/2	\$10.92	10,000
	Includes wrench. 2-3/4 overall length				

#### 3/32" and 1/8" shank

	Head Diameter"	Head Length"	Total Length"	Max Speed RPM
	1/4	1/2	1-7/8	40,000
	1/4	1/2	2-1/4	15,000
	3/8	1/2	1-7/8	40,000
	1/2	1/2	1-7/8	40,000
	3/4	1/2	1-7/8	20,000

#### 3/32" shank Left Hand Threaded Mandrels

For running in Reverse 40,000 RPM Max Speed

The left handed threads on these mandrels hold accessories securely and self tighten while running in reverse in flex shafts and micromotors. They have notches on their shanks for easy identification.

	Part No.	Arbor Hole Capacity"	Overall Length"	Price Each
	A-M1L	1/16	1-3/4	\$2.50
	A-M7L	1/8	1-3/4	\$1.98
	Part No.	Head Diameter" x Length"	Overall Length"	Price Each
	A-SD324L	1/4 x 1/2	1-3/4	\$8.94
	A-SD326L	3/8 x 1/2	1-3/4	\$8.94
	A-SD328L	1/2 x 1/2	1-3/4	\$8.94



#### 3/32" shank

Part No. Price Each

A-SD324 \$4.16

A-SD40 \$4.16

A-SD326 \$4.68

A-SD328 \$4.99

Not Available in 3/32" shank

#### 1/8" shank

Part No. Price Each

A-SD184 \$4.16

Not Available in 1/8" shank

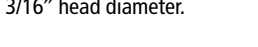



A-SD186 \$4.58

A-SD188 \$4.99

A-SD189 \$4.99

### Micro Chucks and Collet Adapters

Micro Chucks A-M50, A-MC2 and A-M53 have 1/4" head diameters and can hold wire gauge size drills. Wire Gauge chart is on page 55. Collet Adapter A-M52 has a 3/16" head diameter.

	Part No.	Shank"	Overall Length"	Use With 70-80 drills	Price Each	Max Speed RPM
	A-M50	3/32	2-1/4		\$6.97	10,000
	A-M53	3/32	2-1/16	3 mm rods	3.28	10,000
	A-MC2	1/8	1-5/16	60-80 drills	18.20	10,000
	A-M52	3/32	1-3/4	1/16" shank friction grip burs	9.88	20,000

**With a Collet Adapter you can change to a smaller shank size bur or drill without changing the collet – saving time & effort.**

Fits inside a collet and allows the use of smaller shank size accessories. **\$16.95 each**



HPL4-3233	3/32" to 1/16"
HPL4-3234	1/8" to 1/16"
HPL4-3235	3.0mm to 3/32"
HPL4-3236	1/8" to 3/32"
HPL4-3237	3.0mm to 1.6mm

# Rubber Sanding Disc Mandrels

Made in USA

## Run in Forward Direction ONLY

Part No.	Shank"	Diameter"	Overall Length"	Price Each	Max Speed
<b>A-M4</b>	1/8	1/2	1-1/2	<b>\$ 7.07</b>	15,000
Use with 1/2" and 3/4" sanding discs					

<b>A-M338</b>	1/8	1-3/4	2	<b>13.52</b>	10,000
Use with 2" sanding discs					

<b>A-M33</b>	1/4	1-3/4	2	<b>10.82</b>	10,000
Use with 2" sanding discs					

<b>A-M335</b>	1/4	1-3/4	1-1/4	<b>11.96</b>	10,000
1/4-20 thread Use with 2" sanding discs					

<b>A-M34</b>	1/4	2-3/4	2	<b>11.34</b>	10,000
Use with 3" sanding discs					

<b>A-M36</b>	1/4	1-3/4	2	<b>7.12</b>	18,000
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Has threaded hole for attaching discs with plastic Screw-Lok backs. See facing page for Screw-Lok Accessories or use with Screw-Lok Discs A-3702, 3704 and 3705.

<b>A-69225</b>	no shank	1-3/4	2	<b>5.20</b>	18,000
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Screws onto ForeDom's 2" Angle Grinder (page 30) with 8mm x 1mm thread.

Has threaded hole for attaching discs with plastic screw-lok backs. See facing page for Screw-Lok Accessories or use with Screw-Lok Discs A-3702, A-3704 and A-3705.

## Using Hook & Loop Velcro®-type 2" Discs with 2" Disc Mandrels

**A-10040** Discs with Velcro **Hook** on one side & PSA (pressure sensitive adhesive) on the other and **A-10041** Discs with Velcro **Loop** on one side & PSA (pressure sensitive adhesive) on the other are needed to adhere and re-use 2" PSA backed Sanding Discs (see page 74) with A-M338, A-M33 and A-M335 Mandrels or A-69222 for 2" Angle Grinder.

### Here's How it's Done:

1. Remove the PSA covering from a A-10040 Velcro® Hook Disc and press the sticky side down onto the mandrel surface.
2. Remove the PSA coverings from a A-10041 Velcro® Loop Disc and any 2" sanding disc and stick together. (You will want to dedicate a Loop Disc for every sanding disc, so be sure to keep a good supply on hand. PSA backings do not retain enough sticking power if separated for use with other Discs.)
3. Join the Velcro loop surface on the back side of the sanding disc to the mandrel's Velcro hook surface and the PSA disc can be re-used and re-positioned as long as the abrasive holds up.



**A-10040-5**  
**Velcro Hook Discs**  
**\$6.45/5-Pk**



**A-10041-5**  
**Velcro Loop Discs**  
**\$4.78/5-Pk**

## Screw-Lok & Velcro®- Type Mounting Options: 10,000 RPM Max Speed



**A-69222** Velcro® Type Hook Disc Mandrel for 2" Angle Grinder (page 30) **\$6.55**  
Has 8mm x 1.0mm thread. Use with PSA Velcro Loop Discs that come in packs of 5 (A-10041-5).



## Screw-Lok Mounting Options for adhesive backed or Velcro-backed accessories such as those on page 74:



Front Back

**A-3705** **\$4.68**  
**Screw-Lok Disc**  
2" (50mm) with Velcro Hook Front for attaching discs with velcro loop-type backs.



Front Back

**A-3702** **\$3.64**  
**Screw-Lok Disc**  
1" (30mm) with Velcro Hook Front for attaching smaller discs with velcro loop-type backs.



Front Back

**A-3704** **\$4.16**  
**Screw-Lok Disc**  
2" (50mm) Plain Front for attaching adhesive discs to a smooth surface.

## 2" Screw-Lok Discs for Angle Grinder or handpiece with A-M36 Mandrel

10,000 RPM Max Speed

Screw-Lok accessories are similar to the 3M Roloc™, and are used in industrial, automotive, boating, and crafts.

They have plastic Screw-Lok backs that easily attach to the A-69225 Screw-Lok Plastic Disc Mandrel which works the 2" Angle Grinder Attachment. Screw-Lok backed discs also work on a 1/4" shank A-M36 Mandrel (on facing page) in a handpiece, bench lathe, or other rotary tool.

**2" Abrasive Pads with Screw-Lok backs are long lasting, aggressive pads for tough blending and finishing such as de-burring, oxide and fire scale removal, cleaning, blending and smoothing.**



Layered, durable unitized or non-woven construction with Screw-Lok backing for secure and easy attachment to A-69225 Screw-Lok Mandrel or 1/4" shank A-M36 Mandrel for use in handpieces.

Part No.	Price	Thick"	Color	Grit/ Type
A-3512	\$5.46	9/16	Black	Ultra Rough Unitized
A-3514	\$5.46	19/32	Purple	Rough Unitized
A-3522	\$2.39	5/32	Brown	80 Non-Woven
A-3524	\$2.39	5/32	Red	120 Non-Woven
A-3526	\$2.39	5/32	Green	240 Non-Woven
A-3527	\$2.39	5/32	Blue	320 Non-Woven
AK3500	\$17.47	6-Pc Assortment 1 each of pad above		



A-3522  
Abrasive  
Pad with  
Screw-Lok  
Back

A-69225  
Screw-Lok Disc  
Mandrel

Complete 2" Angle  
Grinder Kit is shown  
on page 30.

**2" Aluminum Oxide Sandpaper Discs with Screw-Lok backs have holes that help prevent clogging. The edges overhang their Screw-Lok plastic backing for smoother contours.**

Available individually and in Assortment Packs from 24 to 600 grit. Use with A-69225 Screw-Lok Mandrel or 1/4" shank A-M36 Mandrel for use in handpieces, on facing page.



**\$1.14 each 10,000 RPM Max Speed**

Part No.	Grit	Part No.	Grit
A-3601	24	A-3606	240
A-3602	40	A-3607	320
A-3603	80	A-3608	400
A-3604	120	A-3609	600

AK3600 \$18.20 Assortment, 16-Pc 2 each of grit

AK3610 \$8.84 Coarse Assortment, 8-Pc: 2 each of 24, 40, 80 & 120 grit discs

AK3620 \$8.84 Fine Assortment, 8-Pc: 2 each of 240, 320, 400 & 600 grit discs

**2" Felt Wheel made of top quality wool for use with polishing compounds for polishing and lapping on metals, plastics, wood and other materials:**



Part No.	Price	Thick"/ Type
A-3402	\$2.18	5/16 Medium

Medium hard with Screw-Lok back soft edge for surface contours. Polishing compounds are listed on page 67.

## 3/8" Arbor Hole Discs for the 2" Angle Grinder 10,000 RPM Max Speed (attachment with hub is shown at top of page 75)



**3/8" Arbor Hole Coarse Unitized Wheel**

Use with A-69212L Long Hub (shown) on 2" Angle Grinder. Long Hub is NOT included.

Part No.	Price	1/4" Thick	Dark Green	Coarse Unitized
A-10055	\$11.34			

Use on edge or rim



**Knife Edged Felt Wheel**

Use with A-69212L Long Hub (shown) on 2" Angle Grinder. Long Hub is NOT included.

Part No.	Price	Knife Edge, Hard
A-KE6	\$6.03	

**Assorted Grit Flap Wheels \$2.39 each**

Has aluminum oxide mineral and used for fast clean-up and pre-polishing work. Use with A-69212 Short Hub.

Part No.	Grit
A-2201	60
A-2202	120
A-2203	240
A-2204	320
A-2205	600

AK2200 \$11.96 Assortment, 5-Pc- 1 of each Grit

Short Hub A-69212 is shown in use on page 74.



**Fiberglass Cut Off Wheel**

Wheel is used to cut off, groove, and trim metal, wood, and ceramics, 2" x 3/64" thick, 60 grit, Use with A-69212 Short Hub. 30,000 RPM Max Speed.

Part No.	Price	60 grit
A-D11	\$3.33	

Short Hub A-69212 is shown in use on page 75.



## 2" PSA Adhesive Sanding Discs for the 2" Angle Grinder

Made in USA

10,000 RPM Max Speed

### Attaching PSA pressure sensitive adhesive sanding discs to the 2" Angle Grinder:

**A-69222 Disc Mandrel:** Use A-10041 PSA Disc with Velcro® Loop surface to adhere 2" PSA Sanding discs to the Velcro® Hook surface of the mandrel. PSA Velcro® Disc A-10041 insulates, prevents slippage, and permits reuse of sanding discs.

**A-69225 Screw-Lok Mandrel with Velcro Surface:** Use A-3705 and A-3702 Discs with Velcro Hook Fronts and Screw-Lok backs along with A-10041 Velcro Loop Discs to attach 2" PSA Discs to A-69225 Screw-Lok Mandrel.

**A-3704 Screw-Lok Discs with Plain Surface:** adds screw-lok back without using velcro to attach 2" PSA Discs to A-69225 Screw-Lok Mandrel.



### 2" PSA Sanding Discs See pages 60 – 62 for other discs & bands for use in handpieces.

#### 3M Flexible Diamond

priced individually

Made from 2-ply polyester backing film evenly coated with diamond filled nickel plated dots. Grind, sand, and smooth wet or dry on glass, carbide, composites, plastic, enamels, stone, steel, exotic alloys, gypsum, ceramics, wood, bone, chrome cobalt, painted or plated surfaces. Use wet when working with gemstone, rock and glass.

Part No.	Price Each	Grit / Micron	
A-5752	\$17.99	60	250
A-5753	14.46	120	125
A-5754	12.27	220	74
A-5756	10.09	400	40
A-5758	10.09	800	20
AK5750	\$60.06	5-Pc-Assortment – 1 of each grit	

#### Imperial Microfinishing Film

\$6.40/10-pack

Use 3M Imperial Microfinishing PSA discs dry on metal and wet on stone. High strength polyester film backing, coated with premium, micron graded aluminum oxide particles, provides greater cutting efficiency and is resin bonded for increased durability. This fast-cutting abrasive provides gentle, contoured polishing.

Part No.	Grit / Micron	
A-4591-10	1,200	9
A-4592-10	600	15
A-4593-10	400	30
A-4594-10	320	40
A-4596-10	220	60
A-4598-10	180	80

#### 3M Diamond Microfinishing Film

**Discs** PSA discs, in six color coded micron grades from 125 to 3, have flexible film backing suitable for metal and lapidary applications. They work great on all materials including stone, glass and hard to work on stainless steel and titanium. Use wet when working with gemstones, stone, and glass.

Part No.	Price Each	Grit / Micron		Color
A-4452	\$4.89	120	125	orange
A-4453	4.78	220	74	teal
A-4454	4.78	320	45	beige
A-4455	4.78	400	30	green
A-4456	4.78	600	20	peach
A-4457	4.78	1,200	9	light green
A-4583	8.84	4,000	3	pink
AK4450	34.94	7-Pc Assortment 1 each grit		
AK4400	49.14	16-Pc Assortment 1 each grit, A-10040 Velcro Hook Disc, A-10041 (8) Velcro Loop Discs for attaching.		

Part Numbers and Prices are shown in red on each page.

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# 3/8" Arbor Hole Discs for the 2" Angle Grinder

**2" Tungsten Carbide Discs with 3/8" Arbor Holes**  
**\$38 each**

Made in USA. 10,000 RPM Max Speed  
 Typhoons have unique structurally aligned tungsten carbide points that are long lasting and do not load quickly. Use the fine grits for general shaping, and sanding and the coarse grit for more rapid and aggressive shaping and roughing out work. Ideal for hard and soft woods, acrylic, die stone, plaster, hard rubber, and fiberglass.



Complete 2" Angle Grinder Kit is shown on page 30.

**Flat Face Discs**

**A-KB25626** coarse  
**A-KB25627** fine

**Round Face Discs**

**A-KB25628** coarse  
**A-KB25629** fine



Complete 2" Angle Grinder Kit is shown on page 30.

## 2" Foam Heads for the Angle Grinder

20,000 RPM Max Speed

**Foam heads make it easy to apply firm or softer pressure to a surface – creating smooth or rounded contours.**

**A-10043**



**A-10044**

**A-10043, A-10044, A-10045 and A-10046 have Velcro Hook surfaces and 3/8" arbor holes**

Use A-10041 PSA Velcro Loop Discs to attach sanding discs to these Foam Heads. 3/8" arbor holes for mounting on the Angle Grinder with A-69212L Long Hub.

They can also be used with a handpiece with Screw Mandrels A-M-30 and A-M31 page 70 holding the handpiece at a 90° angle to the work piece.

**A-10045**

**Attach with A-69212L Long Hub on Angle Grinder or use a handpiece with Screw Mandrels A-M-30 or A-M31.**

Part No.	Price Each	Hardness / Thick"
<b>A-10043</b>	<b>\$11.86</b>	Extra Firm - 3/16"
<b>A-10044</b>	<b>12.48</b>	Firm - 5/16"
<b>A-10045</b>	<b>13.10</b>	Medium - 3/8"
<b>A-10046</b>	<b>14.14</b>	Soft - 5/8"

**A-10046**



**2" Abrasive Wheels with 3/8" Arbor Holes.**

Made in USA

15,000 RPM Max Speed

**A-69212L** Long Hub to attaches these 2" Abrasive Wheels to the Angle Grinder.

**Aluminum Oxide** works on high tensile, tough materials including stone, porcelain, glass, and steel.

Part No.	Shape	Edge	Grit/ Color	Price
<b>A-10054</b>	Cup	1/4"	150 / gray	<b>\$5.41</b>
Use on 1/4" flat side for medium to fine finishing				
<b>A-10062</b>	Taper	1/4" knife edge	120 / off white	<b>7.28</b>
Use on Edge not Flat side for medium to fine finishing				
<b>A-10063</b>		1/4"	400 / white	<b>5.41</b>
Use on Edge not Flat side for extremely fine finishing				

**Silicon Carbide** for grinding, rough finishing, de-burring, smoothing, cleaning low-tensile, brittle or 'smeary' type metals: aluminum, brass, stainless steel, glass, stone, and non-metals.

<b>A-10068</b>	Flat	1/4"	100 / green	<b>7.38</b>
Use on Edge not Flat side				

**CeramCut Blue Wheels** last 3 to 5 times longer and remove material faster on hardened and mild steel, steel alloys, chrome cobalt, titanium, platinum, other ferrous metals and wood.

<b>A-10064</b>	Flat	1/4"	120 / blue	<b>6.24</b>
Use on Edge not Flat side				
<b>A-10065</b>	5/8" Cup	1/2" working face	100 / blue	<b>9.62</b>

**A-69212L** Long Hub not included.



**A-10047 and A-10048** Foam Heads have **Velcro Hook on one side and Velcro Loop on other:** Use A-3705 Disc with Velcro Hook front and Screw-Lok back with A-69225 Screw-Lok Mandrel on the Angle Grinder. Or attach to A-69222 Velcro Hook Surface Mandrel.

Part No.	Price Each	Hardness / Thick"
<b>A-10047</b>	<b>\$4.16</b>	Soft - 1/4"
<b>A-10048</b>	<b>4.16</b>	Soft - 1/2"



## 3M 2" Scotch-Brite™ Radial Bristle Discs

with 3/8" arbor holes for Foredom's Angle Grinder Made in USA.

Use them on metal, acrylic and ceramics for: cleaning, removing light fire scale and oxide, finishing, blending, texturing, pre-polishing and polishing. On wood: they work better than many sanders, brushes or wheels. The flexible bristles can sand areas with detail, irregular, curved, or flat surfaces on soft or hard woods. They remove the "fuzzies" left by carving without harming any underlying detail. Coarser grits can carve and texture, while the finer grits will smooth, burnish, and polish.

### 30,000 RPM Max Speed

Molded plastic discs are embedded with 3M Cubitron™ and aluminum oxide mineral. The abrasive filled bristles apply a continuous supply of fresh mineral eliminating the need for compounds. Varying speeds produce different finishes. Mount 1-2 discs on Short Hub and 3-4 on Long Hub. Radial Bristle Discs can also be used with mandrels in Flexible Shaft Handpieces or with adapters for use with M.B.L Bench Lathe.

**\$24.75 per 6-Pack**

Radial Bristle Discs, 6-Pk	Grit	Color	Radial Bristle Discs, 6-Pk	Grit	Color
A-4542-6	80	yellow	A-4546-6	Pumice 1,200	pink
A-4543-6	120	white	A-4547-6	6 Micron 3,000	peach
A-4544-6	220	red	A-4548-6	1 Micron 14,000	lt. green
A-4545-6	400	blue			

## Assortment Kits for 2" Angle Grinder

See individual accessory listings for Maximum Speed



**AK6901 \$70.72**  
**Stone Carving Kit, 20-Pc**  
 Flexible Diamond Disc A-5752, Diamond Microfinishing Discs A-4452, A-4453, A-4454, A-4455, A-4456, A-4457, A-4583, and 10 PSA Velcro Discs A-10041.  
**10,000 RPM Max Speed**



**AK6903 \$129.00**  
**Woodcarving Kit, 44-Pc**  
 Typhoon Carbide Disc A-KB25628, CeramCut Blue Wheel A-10064, Scotch-Brite Radial Bristle 80-Grit Discs A-4542-6, Assortment of Screw-Lok Sandpaper Discs with holes—2 of each 24, 320, 400 & 600 grit 7 of each: 40, 80, 120 and 240 grit.



**AK6905 \$67.60**  
**Metal Working Kit, 38-Pc**  
 2 each Imperial Microfinishing Discs: A-4591, A-4592, A-4593, A-4594, A-4596, A-4598, 2 Cut-Off Wheels A-D11, Platinum White Polishing Compound 1-oz. tube A-40061, Silicon Carbide Wheel A-10068, Aluminum Oxide Wheel A-10063, 15 each PSA Velcro Loop Discs A-10041, Screw-Lok Abrasives: A-3512, A-3524, A-3526, A-3527 and 2 Screw-Lok Felt Wheels A-3402.

## Hammer Handpiece Accessories

0-5,000 Strokes per Minute Max Speed

Made in USA



**Six threaded anvil points are made for both Foredom Hammer Handpieces—** the flex shaft (H.15 - page 10) and micromotor handpieces (H.MH-110 - page 34) as well as the Swiss-made Badeco Hammer Handpiece. They are heat treated steel made to the finest specifications and finished with black oxide.

### AK101 \$78 6-piece Anvil Point Kit

Includes Ball Nose, Fine Point, Square, Cylinder, Rectangle, Bezel Rocker and wrench pin. Available separately below:

HP10171	\$9.36	Ball Nose 3/32" (2.35 mm) diameter	
HP10172	\$9.36	Fine Point .015" (.4 mm) diameter	
HP10173	\$12.48	Square 3/32" (2.35 mm)	
HP10175	\$12.48	Cylinder 7/32" (6 mm) diameter	
HP10176	\$12.48	Rectangle 3/32" x 3/16" (2.35 mm x 4.8 mm)	
HP10179	\$30.16	Bezel Rocker 5/16" x 1/16" (8 mm x 1.6 mm)	

## Other Hammer Tips

Carbide Stylus	For Handpieces:
HP10212 \$39.52 4-48UNF-2A thread	H.15, H.15D, H.15SJ
HP10215 \$39.52 Non-threaded	H.9D PowerGraver
Diamond Tip Pavé Point	
A-R15PT \$39.52 4-48UNF-2A thread	H.15, H.15D, H.15SJ
Flat Top Taper	
HP10177 \$6.24 4-48UNF-2A thread	H.15, H.15D, H.15SJ
HP10177P \$6.24 Non-threaded	H.9D PowerGraver



## H.9D PowerGraver Handpiece Accessories

PowerGraver Kit is on page 19.

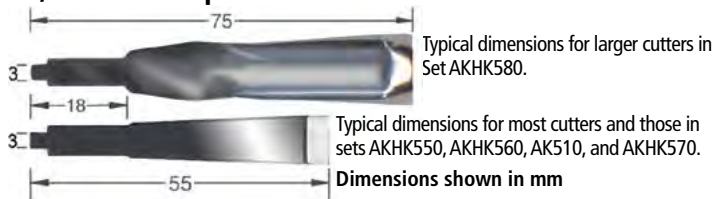
### Gravers for H.9D PowerGraver Handpiece \$19.66 each

A-G91 Graver, GRS #52 Round 2-3/16" long x 1/4" wide x 3/32" at thickest	
A-G92 Graver, GRS #3 Oniglette 2-1/8" long x 1/4" wide x 3/32" at thickest	
A-G93 Graver, GRS #2 Bevel 2-3/16" long x 1/4" wide x 3/32" at thickest	
A-G94 Graver, GRS #40 Flat 2-3/16" long x 1/4" wide x 3/32" at thickest	

**AK290 \$124.80 6-pc Stone Setting & Engraving Kit** has all 4 gravers, Carbide Stylus, Anvil Point in small round bur holder. Details on Page 45.

# Chisels for Foredom H.50 Handpiece and other Reciprocating Power Chisels

10,000 Strokes per Minute Maximum



Chisel Handpiece H.50 is on page 10.



**Pre-sharpened, quality made steel chisels are excellent for Foredom's H.50 reciprocating chisel handpiece and other power chisel tools**, including Proxxon and WeCheer. They are recommended for use on wood, soft stone, plastic, and die stone casting investments, but NOT for use on metals. **Priced individually and in sets below.**

All Chisels below have a 18° to 20° Sharpening Angle

Chisel Type Part No. Price Each Length mm Comes in Sets

## #1 Chisels Single Bevel

	#1 x 9 mm	A-KC509	\$7.80	55	AKHK550 AK510
	#1 x 14.5 mm	A-KC511	\$9.88	55	AKHK560 AK510

## #2 Chisels Single Bevel

	#2 x 9 mm	A-KC510	\$7.80	55	AKHK550 AK510
	#2 x 14 mm	A-KC512	\$9.88	55	AKHK570

## Fluteroni

	8 mm	A-KC515	\$9.88	55	AKHK570 AK510
	12 mm	A-KC721	\$10.92	75	AKHK580

## #3 and #7 Sweeps

	#3 x 9 mm	A-KC503	\$7.80	55	AKHK550 AK510
	#3 x 14 mm	A-KC501	\$9.88	55	AKHK560 AK510
	#7 x 8 mm	A-KC504	\$7.80	55	AKHK550 AK510
	#7 x 13 mm	A-KC502	\$9.88	55	AKHK560 AK510 AKHK580

Chisel Type Part No. Price Each Length mm Comes in Sets

## #8, 9, and 11 Sweeps

	#8 x 10 mm	A-KC508	\$9.88	55	AKHK560 AK510
	#9 x 9 mm	A-KC514	\$9.88	55	AKHK570
	#9 x 6 mm	A-KC517	\$7.80	55	AKHK570
	#9 x 14 mm	A-KC723	\$10.92	75	AKHK580
	#11 x 3.5 mm	A-KC505	\$7.80	55	AKHK550 AK510

## 70°, 75°, 110° Parting Tools

	70° x 5.5 mm	A-KC506	\$7.80	55	AKHK550 AK510
	70° x 8 mm	A-KC507	\$9.88	55	AKHK560 K510
	75° x 12 mm	A-KC717	\$10.92	75	AKHK580
	110° x 7 mm	A-KC516	\$7.80	55	AKHK570
	110° x 11 mm	A-KC513	\$9.88	55	AKHK570
	110° x 16 mm	A-KC722	\$10.92	75	AKHK580



**AK510 12-Chisel Set \$89.00**

In Canvas Pouch (A-KC500): A-KC501, A-KC502, A-KC503, A-KC504, A-KC505, A-KC506, A-KC507, A-KC508, A-KC509, A-KC510, A-KC511, A-KC515

**A-KC500 \$29.95 Empty Canvas Pouch**  
Measures 7-1/2" x 6-1/4" when open,  
4-1/8" x 2" when closed.

## Chisel Sets



**AKHK550**  
6-chisels \$42.64  
A-KC503, A-KC504,  
A-KC505, A-KC506,  
A-KC509, A-KC510

**AKHK560**  
5-chisels \$42.64  
A-KC501, A-KC502,  
A-KC507, A-KC508,  
A-KC511

**AKHK570**  
6-chisels \$48.88  
A-KC512, A-KC513,  
A-KC514, A-KC515,  
A-KC516, A-KC517

**AKHK580**  
5-chisels \$48.88  
Large Chisels: A-KC717,  
A-KC502, A-KC721,  
A-KC722, A-KC723

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# M.BL Bench Lathe Accessories

Foredom's M.BL Bench Lathe is listed on pages 38–39.

## 2-1/2" diameter Eve Wheels

**\$19.66 each**

3/8" thick with 1/4" arbor hole. Use with Wheel Mandrels on M.BL. Silicone for smoothing, grinding and polishing precious and non-precious metals. Platinum for platinum, stainless steel & chrome-cobalt. Pumice for finishing & polishing metals already set with natural & man-made gemstones. **8,000 RPM Max Speed**



Part No.	Application	Grit
<b>A-5541</b>	Universal	Coarse
<b>A-5542</b>	Universal	Medium
<b>A-5543</b>	Universal	Fine
<b>A-5545</b>	Platinum	Medium

Part No.	Application	Grit
<b>A-5546</b>	Platinum	Fine
<b>A-5547</b>	Pumice	Medium
<b>A-5548</b>	Pumice	Fine

## 4" diameter Foam Sanding Wheel – choice of 1" wide Sanding Belts

4" x 1" Foam Rubber Wheel has a 1/4" continuous rubber rim over a foam core. Sanding belts fit on the wheel which is then mounted on the tapered spindle of the M.BL Bench Lathe. Great for quick shaping and smoothing all metals, composites and wood. Ideal for jewelers, knife makers, gunsmiths and woodworkers. Sanding belts are sold separately (see below). **8,000 RPM Max Speed**

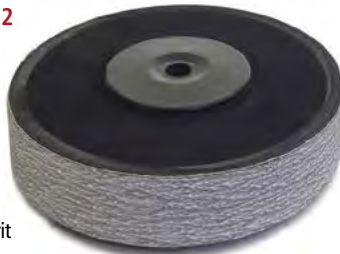
**4" Foam Rubber Wheel, A-RW \$29.12**

**1" Belts in 6 Grits**

**Aluminum Oxide \$13.00 per 10-pack**

Part No.	Grit	Part No.	Grit
<b>A-5501</b>	80	<b>A-5504</b>	320
<b>A-5502</b>	120	<b>A-5505</b>	600
<b>A-5503</b>	240	<b>A-5506</b>	1,000

**AK5500 \$24.96** 18-Pc Assortment: 3 each grit



## 3" EXL Wheels \$23.50 each

Cool running aluminum oxide grain EXL Wheels are 3" in diameter, 1/2" wide with 1/4" arbor holes. They should always be used dry. Medium density for finishing and hard density for difficult blending and de-burring. Use with Wheel Mandrels or mount directly onto tapered spindles of the M.BL lathe. **7,500 RPM Max Speed**

Part No.	Grit/Hardness
<b>A-5587</b>	Medium / Medium
<b>A-5588</b>	Coarse / Hard



## 3" Satin Finishers \$7.07 each, 4 Grits

Double ply wheels with canvas reinforced arbor holes mount onto tapered spindles of the M.BL Lathe for soft, medium, or coarse finishes on metal. All grades are handy at removing firescale from sterling silver and copper and can also be used to prepare pieces for polishing. Wheels give a uniform finish and are good for contoured surfaces. **8,000 RPM Max Speed**

Part No.	Grit
<b>A-5534</b>	Extra Fine
<b>A-5535</b>	Fine
<b>A-5536</b>	Medium
<b>A-5537</b>	Coarse



## Cotton and Felt Buffs

Cotton Buff A-CB1 can also be used on a flex shaft handpiece with mandrels A-M78 or A-M89. Felt Buff A-W305 can mount on a handpiece with mandrels A-M8 or A-M85. See mandrels on page 70 **10,000 RPM Max Speed**

Part No.	Price	Material	Diameter"	Thick"	Hole
<b>A-CB1</b>	<b>\$3.33</b>	Cotton, 16 ply	2-1/2	1/2	Pin
<b>A-W305</b>	<b>\$4.58</b>	Felt	2	3/8	1/4



## 2" Abrasive Wheels

1/4" Arbor Holes for use on M.BL Lathe with A-WM-5 & A-WM-6 Wheel Mandrels. Use A-10072, A-10074, A-10073 and A-10076 on any metal. Use A-10078 for smeary metals like aluminum oxide and pewter. A-10075 and A-10077 are for ferrous alloys. **11,000 RPM Max Speed**



Part No.	Price	Material	Color	Diameter"	Thick"	Grit
<b>A-10072</b>	<b>\$5.20</b>	Aluminum Oxide	Dark Gray	1-3/4	3/8	60
<b>A-10073</b>	<b>5.20</b>	Aluminum Oxide	White	1-7/8	1/4	400
<b>A-10074</b>	<b>5.20</b>	CeramCut Blue	Blue	2	1/4	120
<b>A-10075</b>	<b>5.20</b>	Salt & Pepper	Salt & Pepper	2	1/4	46
<b>A-10078</b>	<b>7.07</b>	Silicon Carbide	Green	2	1/4	100
<b>A-10076</b>	<b>5.20</b>	V Stone	Varied Gray	2	1/4	46
<b>A-10077</b>	<b>5.20</b>	Silicon Carbide	Solid Gray	2	1/4	100

## 4" Unitized Non-Woven Fiber Wheels

**\$11.44 each, 5 Grits 8,000 RPM Max Speed**

4" x 1" Unitized Non-Woven Wheels for use on metals, acrylics, plastics. Mount onto the tapered spindles of the M.BL Lathe.

Part No.	Grit	Part No.	Grit
<b>A-5552</b>	100	<b>A-5556</b>	600
<b>A-5553</b>	220	<b>A-5557</b>	1,000
<b>A-5554</b>	320		



**Wayne Werner– an award winning metalsmith and instructor developed these kits for use with Foredom's Bench lathe: 7,000 RPM Max Speed**

## AK3375 Wayne Werner 28-pc Sanding Kit \$92.56

Use with 1/4" collet installed in collet holder in M.BL Lathe. 3 ea. of 1/2" x 1" Trizact Sanding Bands, 2 each of 3" Trizact Sanding PSA Discs in 4 grits, 4 each of 1/2" x 1" Sanding Drum Mandrels with 1/4" shanks and 3" Disc Mandrels.



## AK3371 Wayne Werner 28-pc Polishing Kit \$286

Polish precious metals, finish pewter, white metals, remove scratches and sprue marks and solder joints. Platinum Blue & White Compound, 2 each of 3" Soft Cotton and Square Edge Felt Buffs, 6 each of 3" Scotch-Brite Radial Bristle Discs in 7 grits, 9 Spindle Adapters.



## AK3377 Wayne Werner 28-pc Sanding Kit \$103.95

Use with a 1/4" collet installed in the collet holder on a M.BL Lathe. 3 each of 1/2" x 1" Ceramic Purple Sanding Bands, 2 each of 3" Ceramic Purple Sanding PSA Discs in 4 grits, 4 each of 1/2" x 1" Sanding Drum Mandrels with 1/4" shanks and 3" Disc Mandrels.



# NEW FOREDOM® Dental Lab Accessories



## AK3361 30-piece Dental Lab Kit \$150.80

Excellent Kit for polishing Valplast®, Flexite®, and other nylon denture materials. The larger diameter accessories are for use on the tapered spindle of Foredom's M.BL Lathe. Includes: 6-Pks of 3" Scotch-Brite Radial Bristle Discs in 80, 220, 400, & 14,000 grit. Also 3" cotton buff, 2 right & 2 left side spindle adapters, and bar of platinum white polishing compound. **7,000 RPM Max Speed**

**Foredom's M.BL Bench Lathe** (on pages 38–39) comes with tapered spindles which can be used with many of the larger accessories shown here.

Polishing Compounds are on page 67.



## NEW Dental Lab Accessories

Made in Germany

### Inter-Brushes for the Bench Lathe

**7,000 RPM Max Speed**  
**3,000 - 5,000 RPM Optimum Speeds**

Designed for pre-polishing resins in narrow areas such as those used in dentures. Choose from one row of bristles or two rows. Available in three different high quality, natural materials:

**Black Chunking** is a stiff hair for high abrasiveness and durability.

**Brown Horse Hair** produces no heat, leaves surface details and does not create grooves.

**White Goat Hair** creates a very smooth surface and reaches into gaps between surface details.

Part No.	Price	Material	Rows of Bristles
<b>Smaller:</b>			
45 mm diameter x 5 mm (1.77" x 0.27")			
A-93121	\$2.00	Black Chunking	1
A-93122	\$2.90	Brown Horse Hair	1
A-93123	\$4.90	White Goat Hair	1

**Larger:**

55 mm diameter x 5 mm (2.165" x 0.27")			
A-93131	\$3.00	Black Chunking	2
A-93132	\$3.90	Brown Horse Hair	2
A-93133	\$5.90	White Goat Hair	2



### Colibri Lathe Brushes

**7,000 RPM Max Speed / 3,000 - 5,000 RPM Optimum Speeds**

Colibri Lathe Brushes for the Bench Lathe are made of high quality Black Chunking bristles with a layer between the rows of bristles of woven canvas. The durable, stiff bristles provide maximum abrasiveness when used with compound or pumice. The woven canvas inlay holds mixtures of water and pumice to maximize production time and keep the work in progress moist.

Part No.	Price	Diameter x Thickness Dimensions	Rows of Bristles /	Layers of Woven Canvas
A-93141	\$4.90	55 mm x 5 mm (1.77" x 0.2")	2	1
A-93142	\$5.90	65 mm x 7 mm (2.559" x 0.27")	3	2
A-93143	\$7.90	80 mm x 7 mm (3.15" x 0.27")	3	2

### Lathe End Brushes

**7,000 RPM Max Speed / 3,000 - 5,000 RPM Optimum Speeds**

**25 mm diameter x 30 mm long (1" diameter x 1.18" long)**  
These brushes fit onto the end of the Bench Lathe's tapered spindles. Choose from:

**Black Chunking** is a stiff hair for high abrasiveness and durability.

**White Goat Hair** very soft bristles create a smooth surface and reach into gaps between surface details.

Part No.	Price	Material
A-94521	\$13.75	Black Chunking
A-94522	\$35.45	White Goat Hair

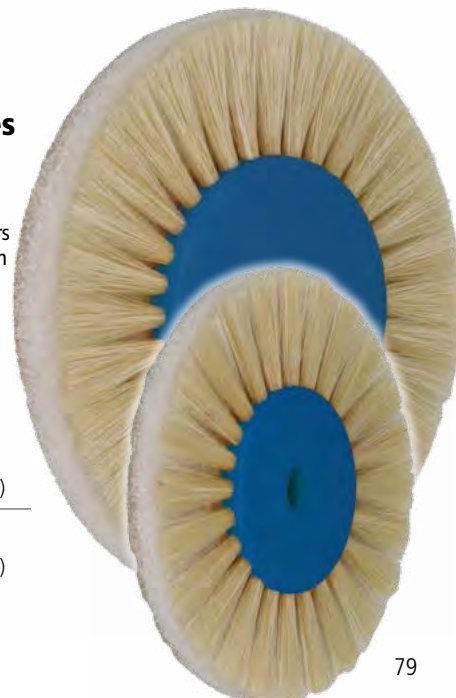


### Abrasofti Lathe Brushes

**7,000 RPM Max Speed**  
**3,000 - 5,000 RPM Optimum Speeds**

Abrasofti Lathe Brushes have a layer of non-woven firm fiber between outer layers of white Chunking bristles. The non-woven fiber is porous and holds the water and pumice mixture. They decrease the time it takes to polish plastics by half!

Part No.	Price	Dimensions
A-93151	\$6.90	60 diameter x 10 mm (2.36" diameter x 0.39")
A-93152	\$8.90	80 diameter x 12 mm (3.15" diameter x 0.47")



## NEW Polishing Accessories for the Bench Lathe



### Alcontura Lathe Buffs for Dental Labs

7,000 RPM Max Speed  
3,000 - 5,000 RPM Optimum Speeds  
Made in Germany

Alcontura is a specialized high quality rubber backed cotton. This material produces hardly any lint or debris saving the time and expense needed to clean or replace filters in dust collection equipment. Alcontura buffs are used with polishing compound, produce a high-gloss surface on plastics and metals and last 3 times longer than standard buffs. Sizes for use on rotary handpieces on page 66.

Lathe Buffs for use with tapered spindles

Part No. Price Dimensions

**A-93158 \$8.90** Lathe Buff 100 mm x 8 mm  
(3.94" diameter x 0.314")

**A-93156 \$6.90** Lathe Buff 60 mm x 8 mm  
(2.36" diameter x 0.314")

### Felt Buffs for polishing inner surfaces of rings, bracelets or other larger, hollow or concave shapes. 7,000 RPM Max Speed

These large felt buffs have a threaded wooden end that screws onto tapered spindles on the Bench Lathe. Use with polishing compound to add luster to any metal or Carnauba Wax for use on wooden pieces.



Part No.	Pack Quantity / Price	Head Diameter x Length
<b>A-FM1-6</b>	<b>6-pack / \$21.63</b>	20 mm x 75 mm
Tapered Inner Felt Buff		13/16" x 3"



<b>A-FM2-2</b>	<b>2-pack / \$9.03</b>	22 mm x 100 mm
Tapered Inner Felt Buff		7/8" x 4"



<b>A-FM3</b>	<b>each / \$22.54</b>	51 mm x 51 mm
Bracelet Buff		2" x 2"

## NEW Dental Lab Accessories

### Gypsiform Lower Jaw Inserts

See video at: <https://www.foreedom.net/foredom-video-library/gypsiform-lower-jaw-inserts/>



### Gypsiform Lower Jaw Inserts **\$49.00 / per package of 50**

This unique dental lab product is for the production of lower jaw models. It saves working time and saves on materials – both plaster and tools. When making a lower jaw model take the Gypsiform Insert and press it into the model - with pegs down into the lower jaw model and fill with plaster to make the model. After curing, you can remove the Gypsiform Insert which may be reused several times. Made in Germany

**A-94621** Small 50-pieces

**A-94622** Large 50-pieces

**A-94623** Assortment – small and large, 25 of each.



### INTRODUCING

### Zirconia Polishing Compound

**Mega- Dia-Z** High gloss polishing compound for Zirconia as well as all ceramic materials. Not for oral surgery. Made in Germany.  
30 gram / 1.06 oz. jar **A-4030** **\$135.00**



**Foredom's complete line of Polishing Compounds are on page 67**

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories  
FOREDOM® FOREDOM ELECTRIC CO. [www.foredom.net](http://www.foredom.net)

# Cotton and Felt Polishing Buffs Made in USA

## White Muslin Buffs

**Coarse Weave (60 x 60) Muslin** has a more open weave to hold more compound and is used with cutting and polishing compounds. Combed edges do not need breaking in or combing to hold compound. The center pin holes are reinforced with shellac (S) for a tight fit on tapered mandrels and greater durability.

Diameter"	Ply	Rows of Stitching	Center Hole	Part No.	Price Each
1	40	1	S	A-CBC1	\$2.50
2	40	1	S	A-CBC2	2.70
3	40	3	S	A-CBC3	3.85
4	40	3	S	A-CBC4	4.99
6	50	4	S	A-CBC65	9.62

**Fine Weave (80 x 80) Finex Muslin** holds compound well. The fine weave and stitching make them durable and well suited for polishing with rouge. The center pin holes are reinforced with shellac (S) for a tight fit on tapered mandrels and greater durability. Combed edges do not require break in or combing to hold compound.

Diameter"	Ply	Rows of Stitching	Part No.	Price Each
1	40	1	A-CBF1	\$2.70
2	40	1	A-CBF2	3.02
3	40	3	A-CBF3	4.26
4	40	3	A-CBF4	5.25

## 2" and smaller diameter unmounted White Muslin Buffs 25,000 RPM Max Speed

Small diameter buffs mount on mandrels for use in handpieces. **A-CB2** and **A-CB12** are made from fine (80 x 80) weave muslin for use with all types of compounds. They work with A-M1, A-M6, A-M7, A-M13, A-M15, A-M78 and A-M89 mandrels.

Diameter"	Thick "	Ply	Rows of Stitching	Part No.	Price Each
1	3/16	16	2	A-CB2	\$1.56
1-1/2	3/16	16	3	A-CB12	2.70

## A-CFB3 \$5.20

**Flannel (Canton) Buff** 3" diameter, 30-ply with 2 rows of stitching made with thicker, softer fabric. Excellent for final polishing with rouge on precious metals (especially good on high karat gold and silver). Center pin holes are reinforced with shellac (S) for a tight fit on tapered mandrels.

**Loose White Muslin Buffs** have only one row of stitching around the arbor hole which is reinforced with leather and shellac (L/S). Made of Finex (80 x 80 weave) muslin with combed edges. The open layers provide a softer polishing action and conform to contours and curves. Use with rouge for coloring or final polishing operations.

Diameter"	Ply	Part No.	Price Each
3	35	A-LCB35	\$3.85
3	40	A-LCB3	4.26
4	40	A-LCB4	5.62

Use Smaller 1" and 2" Buffs with A-M78 & A-M89 mandrels at 20,000 RPM Max Speed.

3" and Larger Buffs and 2" Goblet Buffs are for use on a Bench Lathe with tapered spindles at 5,000 RPM Max Speed

## Yellow Treated Cotton Buffs

Made with chemically treated extra fine (86 x 80) weave fabric, these buffs are stiffer than untreated ones. They will cut faster and last 2 to 3 times longer than white muslin buffs. Combed edges hold compounds without break in or combing. Center pin holes are reinforced with shellac (S) or leather and shellac (L/S).

Diameter"	Ply	Rows of Stitching	Center Hole	Part No.	Price Each
4	30	3	S	A-CBY43	\$6.50
4	40	3	S	A-CBY4	7.64
5	40	3	L/S	A-CBY5	9.05
6	50	4	S	A-CBY65-S	13.00

## A-CYR4 \$6.55

### Razor Edge Yellow Treated Buff

4" diameter with 6 rows of stitching. Chemically treated (86 x 80) weave muslin buff for added stiffness and longer life. 28-ply at center and 12-ply at outer edges. The additional stitching and leather + shellac (L/S) center keeps wheel stiff while in use. Use it for cutting and polishing in grooves, crevices and inside curves.

## Foredom's complete line of Polishing Compounds are on page 67

**Square Edge Solid Felt Buffs** made from tightly compressed, top quality wool felt, they come in Medium and Hard densities. Use for polishing and lapping flat surfaces. They will hold an edge for working in angles and corners.

Diameter "	Thick "	Arbor Hole"	Hardness	Part No.	Price
1/2	1/8	1/16	Medium	A-SE1M	\$6.76 / 10-pack
1/2	1/8	1/16	Hard	A-SE1H	\$6.76 / 10-pack
5/8	3/16	1/16	Medium	A-FB4	\$6.14 / 10-pack
3/4	1/4	1/16	Medium	A-FB3	\$8.11 / 10-pack
2	3/8	1/8	Medium	A-SE4M	\$4.89 / each
3	1/2	1/8	Medium	A-SE5M	\$13.10 / each

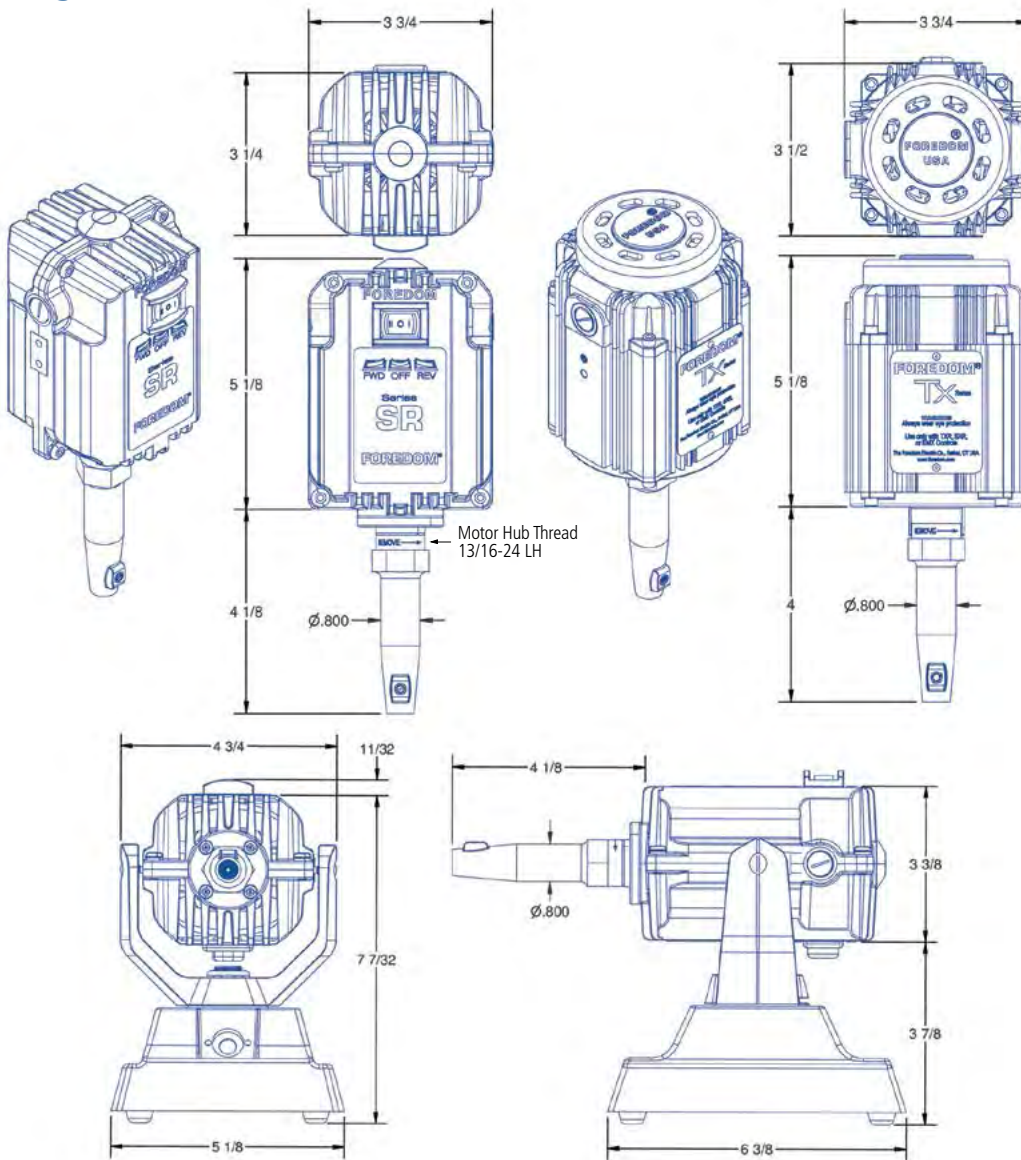
**A-CBGR2**  
Round

**A-CBGT2**  
Tapered

## 2" diameter, Fine Weave Cotton Goblet Buffs \$19.66 each

These have round ends – shaped to polish the inside of a bowl or goblet and have a row of stitching around the arbor hole which is reinforced with leather and shellac (L/S). Use with polishing compound to add luster to any metal or Carnauba Wax for use on turned wooden pieces. Use with tapered spindles on the Bench Lathe.

# FOREDOM® Flexible Shaft Machines- Engineered and Built to Industrial Standards



## Important Safety Instructions

Before using your Foredom power tool, please read all safety instructions. They are for your protection and should always be followed to reduce the risk of personal injury or damage to the tool.

- Always wear proper eye and face protection.
- Secure the workpiece or item that you are working on in a vise or other work holding device. Holding it with your hand can result in serious hand injury.
- Always use a proper dust collection system or wear a respirator to prevent the inhalation of dust particles, polishing compounds, or other debris into the lungs.
- Do not wear loose fitting clothing or jewelry which can become tangled in the rotating accessory. Tie back or secure long hair.
- Secure power tool to motor hanger or work surface.
- Do not stall the motor by jamming or using excessive pressure on an accessory. This can result in damage to the motor or flexible shaft.
- Never operate the motor with the outer sheath removed from the flexible shaft.
- Never modify the shielded plug on the TX or LXH motor cord in order to plug it into a non-TX or non-LX speed control or AC electrical wall outlet.
- Always disconnect the power cord before servicing the motor or removing the flexible shaft or sheath.
- Never operate your power tool during a noticeable power decrease. Turn the power tool off and do not use it until the power is fully restored.
- Use proper grounding procedures. This tool should be grounded while in use to protect the operator from electric shock.

## Product Repair

Authorized repair service is available at our factory. Send items for repair to: Foredom, 16 Stony Hill Rd, Bethel, CT 06801, marked 'Attention: Repair Department'. With the item(s), include a note with your name, address, daytime phone number, email address and a description of the problem. We will contact you with the repair department's findings. It is our choice to repair or replace items under warranty. We pay the return postage charges for all items repaired under warranty.

## Returns

*Always have your Order or Invoice number if you call.*

**Return for Credit Within 30-Day Requires Inspection and RGA# (Returned Goods Authorization)** Upon receipt of your order be sure to inspect each item and, if you are not completely satisfied, it may be returned for a full refund less S/H charges within 30 days from the date on your packing list or invoice. Returns are accepted without a restocking fee provided that the products are complete, in like new condition, and in the original packaging with a valid RGA and reason for the return. RGA numbers are issued by our Customer Service Team (call 203-792-8622). Products returned for credit are subject to inspection prior to credit approval.

**Items Returned for Credit After 30 Days** from purchase will be charged a 10% restocking fee. Products returned for credit are subject to inspection prior to credit approval.

**Items Returned for Credit within the Warranty Period** that need work or parts, will be issued a credit at our discretion and charged a 25% restocking fee plus the cost of the parts needed to return the item to like new condition. If the item is past the warranty period credit will not be issued and the customer can choose either a repair estimate provided at no charge or we will return or dispose of the returned item at the customer's discretion.

## Returns continued

**To Return an Item** for refund, repair, or replacement, repackage it securely in an outer carton, include the RGA number on the packing list/invoice, and send it prepaid to: Foredom Electric Co., 16 Stony Hill Road, Bethel, CT 06801

**Damaged in Delivery** For your protection, please do not sign for merchandise until you inspect it for damage. We make every effort to prevent shipping damage. If the merchandise is received damaged or merchandise is missing, please keep the original shipping carton and: Quickly contact your local UPS office for a Damage Inspection report. Request that UPS return the merchandise to us. Please do not return the merchandise yourself, as this may delay your reorder or credit. Contact our Customer Service Team (customerservice@blackstoneind.com) with the Damage Call Tag number issued to you by UPS and we'll arrange for reorder or credit.

## If You Receive a Defective Item

Please contact Customer Service between 8:30 AM – 4:45 PM (ET), Monday – Friday.

Phone: (203) 792-8622

Email: customerservice@blackstoneind.com

## California Proposition 65

**WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

This warning is the result of a right to know law passed in California in 1986 generally referred to as "Proposition 65." Foredom strives to comply with all applicable laws, including Proposition 65.

## Why does Foredom providing this warning?

To comply with Proposition 65 requirements, we include these warnings on any products in which we cannot rule out that exposure to one of the 850+ covered chemical may occur.

For more information about Proposition 65, visit: [www.oehha.ca.gov/prop65](http://www.oehha.ca.gov/prop65)

# Established in 1922...

Foredom Electric Company of Bethel, CT, has maintained continuous manufacturing operations in Connecticut since 1955.



Foredom is the leading manufacturer of flexible shaft rotary power tools in the world. From flex shaft machines, to specialized motors, handpieces and bench top attachments and accessories, Foredom tools set the standard in quality, power and performance.

Foredom tools are used in jewelry manufacturing, industrial and machine shop operations, woodcarving and wood working, dental, optical and scientific laboratories, art studios, home/shop hobby applications, nail salons and wherever precision and reliability are valued.

Foredom flexible shaft power tools are used for many different applications such as hand grinding, deburring, carving, sanding, cleaning, buffing and polishing on all types of materials –wood, metal, plastic, glass and stone.

BLACKSTONE



Foredom is one of 4 brands of Blackstone Industries, LLC. Including: Olson Saw Company [www.olsonssaw.net](http://www.olsonssaw.net) (band and scroll saw blades), Zona Tool Company [www.zonatool.net](http://www.zonatool.net) (razor saws and other hobby tools) and Edge Finisher Company [www.edgefinisher.com](http://www.edgefinisher.com) (plastic finishing equipment).

## Warranty Policies

### 2-Year Limited Warranty

All Flexible Shaft Motor and Speed Control Combinations in this Catalog including:

Series SR, SRH and SR CE Motor and Speed Control Combinations, Sets and Kits Series:

TX and TXH Motor and Speed Control Combinations, Sets and Kits

Series LX and LXH Motor and Speed Control Combinations, Sets and Kits

Brush Type and Brushless Micromotor Kits

Bench Lathe and Bench Lathe Kits

Filter Hood

Dust Collector

Work Chambers and Fishmouth

### 1-Year Limited Warranty

Wax Carver Kits  
Drill Presses

H.30® Handpiece Attachments: Angle Grinder, Right Angle, Belt Sander

### 90-Day Limited Warranty

All other Foredom power tools, handpieces, attachments and, accessories are warranted to be free of defects in material and workmanship for a period of 90 days from date of purchase by the user. These warranties do not cover breakage or damage caused by accident, abuse, misuse, or repairs required because of ordinary use and wear.

**Shafts and Sheaths, Duplex Springs, Duplex and Shaft Adapters are NOT covered by Warranty.**

**Photo Credits:** Special thanks to the following individuals and businesses for the photos throughout this catalog: C. Wheeler, of Danbury, CT, at the Mobile Work Station using a flex shaft handpiece for grinding inside the Lighted Work Chamber. Lessley Burke, goldsmith, enamelist, owner of The Guided Lynx, using the Fishmouth and Dust Collector to collect particles from grinding a small silver workpiece. Pete Cortez, of Quality Gem, cutting the seat in a prong with our K.1050 Brushless Micromotor. Frank Stetson using our Chisel Handpiece on relief carvings. Jeweler from Jewelry Designs, Danbury, CT polishing a gold bangle bracelet. Lessley Burke using various tools including the Duplex Adapter to drill pearls in the Lighted Work Chamber, the K.1030 Battery Operated Micromotor at an outside event with Patty Segar, adding detail to a silver pin with the K.1070 Rotary Micromotor,

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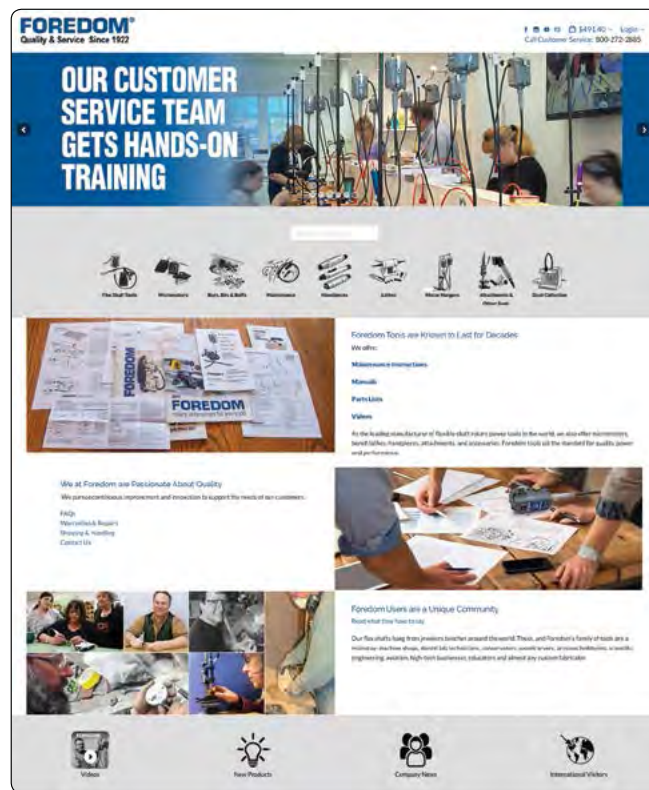
We keep our website up to date with:

- Product videos
- Owner's manuals and parts lists for replacement items
- Current pricing
- New products
- Live Chat with Foredom's customer service team:

Monday – Friday, 8:00 am – 5:00 pm (ET)



Foredom has a YouTube channel with over 50 videos and new material is added on a regular basis. There are links to Videos, Owner's Manuals, Parts Lists, Instructions, and other Reference Materials on the homepage.



## FOREDOM®

### Foredom Electric Company

16 Stony Hill Road, Bethel, CT 06801

Email: [customerservice@blackstoneind.com](mailto:customerservice@blackstoneind.com)

Phone: 203-792-8622 / 800-272-2885 Fax: 203-796-7861

**Ordering:** Part numbers and prices are shown in red on each page.

To order a complete flex shaft machine, specify: motor-speed control combination plus choice of handpiece. For example: M.SR-FCT + H.30®. We'll ship an M.SR Hang-Up style motor (shaft and sheath are included) with an C.FCT-1 foot operated variable speed control and a H.30® handpiece. Add the price of the motor-control (\$249.60) to the price of the handpiece (\$72.80) to calculate the total price (\$322.40).

**Prices Effective 8/1/19 and Subject to Change Without Notice**

Every effort is made to present our products accurately in this catalog. This edition introduces several new items. We are not responsible for typographical errors. Changes, improvements, additions and deletions may take place after this catalog is printed– for the most up to date information, including specifications and pricing, please visit our website.

sifting enamel in the Jumbo Work Chamber. Kate Wolf, metalsmith, jeweler, teacher and owner of Wolf Tools, milling wax on our Drill Press. Carpenter and woodcarver, Ted Knapp, is hollowing out a duck decoy using the Angle Grinder. David Clayton of Gems & Jade is polishing California jade with the Angle Grinder. Donald Nadeau of Manchester Molding & Manufacturing is using the K.1020 Chuck Style Micromotor. Mike Milici wearing the apron and Mike Dickey, master jeweler, using the wax carver and changing out a brass tip at his bench. Mark Mann, Master Jeweler & GIA Dir. of Global Jewelry Mfg. Arts, using accessories on the BL Bench Lathe to polish a gold ring. Karl Wagner, of Wagner Dental Lab, Inc. using our BL lathe with Filter Hood and grinding stone in the Lighted Work Chamber to grind down chrome cobalt on a dental bridge.

# NEW Rotary Tumbler RT101 \$420.00

**Foredom's new direct drive rotary tumbler is excellent for burnishing gold, silver, and other metals.**

This efficient, compact rotary tumbler with programmable controls makes repeatable processes easy to select. Set the timer, choose the direction of rotation, and select from 20 levels of speed control ranging from 5 to 100 rpm. Work cycle duration is 180 minutes long. Your work in progress is visible through the clear, leak-proof, hexagonal barrel. Direct drive means that there are never any belts to replace.

**Not Included:** Steel or stainless steel shot tumbling media is required to operate the tumbler. A non-foaming detergent solution is also recommended.

**Dimensions:** 9-3/4" high x 7" wide x 10-1/4" deep

**Weight:** 12 lbs. when empty. **Shipping Wt:** 14 lbs.

**Barrel:** 3" diameter at widest, 6" between rollers, 3-1/4" diameter door opening, wt.: 1.98 lbs.

**Barrel capacity:** 1.16236 qt. / 1.1 liter

**Maximum Media Load:** 1 kg. (2.2 lb.) **Maximum Work Piece Load:** 0.2 kg. (7.04 oz.)

100-240 Volt – Universal Voltage **Specify Plug option as shown:**

Power Plugs for regions outside North America may be ordered by adding the following to the end of the part numbers in red. For example:

**RT101-21** for United Kingdom



**-21 UK / United Kingdom**

**-22 Euro / Continental Europe**

**-26 Australia**

**-32 Israel**

**-33 Brazil**



**A-TS12 \$60.00**

**Jewelers Mix**  
Stainless steel Tumbling Media in mixed shapes, 1 kilo. / 2.4 lbs.



**A-RT04 \$18.95**

**Elma 85 Clean - 4oz. bottle**  
Rotary tumblers require a compound solution to work effectively. Elma Clean is a non-foaming detergent to use with the rotary tumbler. One concentrated 4 ounce bottle makes 2.5 quarts.

**DA10985** Elma 85 Clean concentrate is also available in 1 quart containers – page 27.



*Many users have asked for this time-saving addition!*

**With a Micromotor Splitter Box you can switch between brush-type handpieces in seconds!**



## NEW Micromotor Splitter Box

**HP4-920 \$89.90**

- You can have two micromotor handpieces plugged in and ready to use.
- It works with Foredom's most widely used micromotor components: the H.MH-170 or H.MH-17018 high speed rotary, H.MH-110 hammer handpiece or H.MH-120 high torque chuck-style handpiece and the HP4-917, HP4-817, or HP4-817-2 Control Units with outlets for brush-style handpieces, (pages 34-36).
- Easily alternate between one handpiece and the other (waiting long enough for each to completely stop) to maximize production time.
- Splitter box is: 4" x 2-3/16" x 1-5/8" with a 24" long cord.
- Will NOT work with brushless micromotor handpieces or control box outlets for brushless micromotor handpieces.

*Also **NEW** in this Catalog:*

### NEW Tools and Kits

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### NEW Rotary Accessories

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16 Stony Hill Road, Bethel, CT 06801

Email: [customerservice@blackstoneind.com](mailto:customerservice@blackstoneind.com)

Phone: 203-792-8622 / 800-272-2885

Fax: 203-796-7861