Flex Shaft Motor Features and Specifications

<table>
<thead>
<tr>
<th>Performance</th>
<th>Series SR</th>
<th>Series TX</th>
<th>Series LX</th>
<th>PGX PowerGraver</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>Extra power &amp; torque for the most demanding work—hoggling out large quantities of wood or porting engines. Offers excellent control of the cutting tool, drill, or bur under load.</td>
<td>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.</td>
<td>PowerGraver is part of a unique system with shaft, speed controls and handpiece designed for power stone setting, engraving and texturing.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horsepower*</th>
<th>1/6 HP</th>
<th>1/3 HP</th>
<th>1/10 HP</th>
<th>1/20 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Speed</td>
<td>18,000 RPM</td>
<td>15,000 RPM</td>
<td>5,000 RPM</td>
<td>2,800 RPM</td>
</tr>
<tr>
<td>Rotation</td>
<td>Forward &amp; Reverse</td>
<td>Forward</td>
<td>Forward</td>
<td>Forward</td>
</tr>
<tr>
<td>Ball Bearing Motor Type</td>
<td>Universal</td>
<td>Permanent Magnet</td>
<td>Permanent Magnet</td>
<td>Permanent Magnet</td>
</tr>
<tr>
<td>Amp/Watt</td>
<td>115V: 1.7 Amp ac 230V: 9 Amp ac</td>
<td>115V: 3.5 Amp ac 250 Watt</td>
<td>115V: 1.2 Amp ac 230V: .6 Amp ac 75 Watt</td>
<td>115V: 1.2 Amp ac 230V: .6 Amp ac 40 Watt</td>
</tr>
<tr>
<td>Noise Level</td>
<td>68 Decibels</td>
<td>68 Decibels</td>
<td>68 Decibels</td>
<td>68 Decibels</td>
</tr>
</tbody>
</table>

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

Flex Shaft Motor Features and Specifications

Key Tip – standard

Square Drive – heavier

Slip Joint – European

PowerGraver Sheath – unique

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.

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 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 TXJ, 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.

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.
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.

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.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

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

- **C.FCT-1** 115 V, 4 Amp, 60 Hz CSA listed
  - $38.48
- **C.FCH-2** 230 V, 3 Amp, 50 Hz
  - $74.88

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

- **C.SCT-1** 115 V, 4 Amp, 60 Hz CSA listed
  - $88.40
- **C.SCH-2** 230 V, 3 Amp, 50 Hz
  - $102.96

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

5” long, 5-7/8” wide, 2-3/4” high
6 lb/2.7 kg packaged weight

- **C.EM-1** 115 V, 3 Amp, 60 Hz CSA listed
  - $102.96
- **C.EMHF-2** 230 V, 3 Amp, 50 Hz
  - $220.40

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 a 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

- **C.FCT-21CE** United Kingdom
  - $74.88
- **C.FCT-22CE** Continental European
  - $220.40

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:


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

- **-2** North America CSA compliant
- **-21** United Kingdom or -21CE CE compliant
- **-22** Continental Europe -22CE CE compliant
- **-26** Australia
- **-32** Israel
- **-34** 230V Brazil

### 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

- **C.FCG** 115 V, 4 Amp, 60 Hz
  - $38.48
- **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

**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**—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.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.

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

- **M.TXH-TXR** $379.60
  foot control in plastic housing
- **M.TXH-SXR** 410.80
  foot control in metal housing
- **M.TXH-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
  - Price: $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
  - Price: $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
  - Price: $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
  - Price: $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:

- **-2** North America
- **-21** United Kingdom
- **-22** Continental Europe
- **-26** Australia
- **-32** Israel
- **-34** 230V Brazil
- **-33** 115V Brazil

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
  - Price: $38.48

- **C.FCGX-2** 230 V, 3 Amp, 50 Hz
  - 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.

- **C.FC-GX** 115 V, 4 Amp, 60 Hz for Series TX, LX or M.PGX
  - Price: $38.48

- **C.FC-GX-2** 230 V, 3 Amp, 50 Hz
  - Not for use with Series TX

230 Volt 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:

- **-2** North America
- **-21** United Kingdom
- **-22** Continental Europe
- **-26** Australia
- **-32** Israel
- **-34** 230V Brazil
- **-33** 115V Brazil
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.LX and M.LXMH have built-in dial speed controls.

**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

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.

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

- M.LXMH $358.80

**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.
**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

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**Order by Part Number Shown in Red**

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**Foredom’s most widely used handpiece: Chuck-style H.30®**

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)

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

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.

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**H.28**

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**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.

$68.64

**H.28** 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.

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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 |
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 HP100, 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 HP9-1008, 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 (if purchased separately) HP201.010 square collet (if purchased separately) and HP012.010 2.3mm collet (HP012.010) installed ONLY.

H.25 $171.60 5-1/4" long, 1-1/22" 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 HP10000, 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)
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.

H.50 $54.08 No Chisels 6" long, 1" diameter, 4.6 oz, 6.65 oz pkg wt.

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

AK101 $78 6-Pc Anvil Point Kit for Hammer Handpieces
Comes in a plastic case with cover and a wrench pin. Includes:
HP10171 Ball Nose 3/32" (2.35mm) diameter
HP10172 Fine Point .015" (.4mm) diameter
HP10173 Square 3/32" (2.35mm)
HP10175 Cylinder 7/32" (6mm) diameter
HP10176 Rectangle 3/32" x 1/16" (2.35mm x 4.8mm)
HP10179 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.
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.avored 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 Adapters**

**HP775** $61.36  7-1/2” long, 5/8” diameter, 3 oz, 3.8 oz pkg wt.
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.28J, H.28SJ, H.30SJ, H.44TSJ, H.18SJ, H.20SJ, H.52SJ, and H.155J and connects to a key tip shaft.

**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.
Square Drive Handpieces, Shifting 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.

**Square Drive Shafts for Series SRH, TXH, LXH**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-10823</td>
<td>$19.76</td>
<td>63-3/4&quot; Square Drive Shaft, Supplied on motors listed above.</td>
</tr>
<tr>
<td>S-10801TX</td>
<td>$48.88</td>
<td>63&quot; Square Drive Sheath Assembly, Supplied on motors listed above. Includes SS10819.</td>
</tr>
<tr>
<td>SS10819</td>
<td>$15.60</td>
<td>59-1/2&quot; Silencer Spring for motors listed above.</td>
</tr>
<tr>
<td>S-10816TX</td>
<td>$72.80</td>
<td>Factory Pre-Lubed Assembly: S-10823, S-10801TX with SS10819</td>
</tr>
<tr>
<td>S-10801-NC</td>
<td>$59.28</td>
<td>63-3/8&quot; Optional Non-Conductive Square Drive Sheath Includes SS10819 Silencer</td>
</tr>
<tr>
<td>S-10827-NC</td>
<td>$24.96</td>
<td>63-3/4&quot; Optional Non-Conductive Square Drive Shaft</td>
</tr>
<tr>
<td>S-10816-NC</td>
<td>$88.40</td>
<td>63-3/4&quot; Non-Conductive, Factory Pre-Lubed Assembly: S-10827-NC, S-10801-NC, SS10819</td>
</tr>
<tr>
<td>UA114-4</td>
<td>$4.50</td>
<td>Set Screw 4-pk for standard square drive shafts. See drawing.</td>
</tr>
<tr>
<td>UA112-4</td>
<td>$4.50</td>
<td>Set Screw 4-pk for non-conductive square drive shafts.</td>
</tr>
</tbody>
</table>

**45-3/4\" Optional Shorter Lengths:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-10805</td>
<td>$19.76</td>
<td>45-3/4&quot; Square Drive Shaft. Use with S-10802TX</td>
</tr>
<tr>
<td>S-10802TX</td>
<td>$45.76</td>
<td>45&quot; Square Drive Sheath Assembly. Includes SS10822. Use with S-10805</td>
</tr>
<tr>
<td>SS10822</td>
<td>$15.60</td>
<td>41-1/2&quot; Silencer Spring</td>
</tr>
<tr>
<td>S-10804TX</td>
<td>$67.60</td>
<td>45-3/4&quot; Factory Pre-Lubed Assembly S-10805, S-10802TX with SS10822</td>
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<tr>
<td>S-10805-NC</td>
<td>$21.84</td>
<td>45-3/4&quot; Non-Conductive Square Drive Shaft</td>
</tr>
<tr>
<td>S-10802-NC</td>
<td>$52.00</td>
<td>45&quot; Non-Conductive Square Drive Sheath with SS10822</td>
</tr>
<tr>
<td>S-10804-NC</td>
<td>$78.00</td>
<td>45&quot; Non-Conductive, Factory Pre-Lubed Assembly: S-10805-NC, S-10802-NC with SS10822</td>
</tr>
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</table>

**Square Drive Shafts for Discontinued Series H Motors**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-10805</td>
<td>$19.76</td>
<td>45-3/4&quot; Square Drive Shaft</td>
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<tr>
<td>S-10802A</td>
<td>$47.84</td>
<td>44-3/8&quot; Square Drive Sheath Assembly. Includes SS10822</td>
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<tr>
<td>SS10822</td>
<td>$15.60</td>
<td>41-1/2&quot; Silencer Spring</td>
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<tr>
<td>S-10804B</td>
<td>$72.80</td>
<td>45-3/4&quot; Factory Pre-Lubed Assembly S-10805, S-10802A with SS10822</td>
</tr>
<tr>
<td>S-10805/45</td>
<td>$24.96</td>
<td>Shaft for Older Series H Motors that had square drive tips on BOTH ends and no coupling. Converts connection to a current version with coupling. Use with S-10802A Sheath.</td>
</tr>
</tbody>
</table>
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-0 chuck key with plastic grip. ($6.24 if purchased separately). A choice of bench top tools and attachments be used with the H.30S—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 (3/8”) diameter, 19mm (3/4”) taper diameter, 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. Also available—

- **H.30SJ Chuck Handpiece** (shown at left above).
- **M.SRJ-2 Hang-Up Motor Set with H.30SJ, Motor Shaft and Speed Control**
  - **M.SRJ-22CE** $286
  - **K.8309-2** $82.16

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 (9/32”) 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 MS1000S 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:

- **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

**European Style Slip Joint Sheath, Motor, 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
- **S-108143** $12.48 Slip Joint Motor Connector
- **S-108144** $45.76 Factory Pre-Lubed Conversion Assembly with Shaft, Sheath and Shaft Adapter

**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

M.SR Hang Up Motor + Speed Control + Handpiece
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

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

M.SRB Bench Motor + Speed Control + Handpiece
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

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

230 volt for international use—specify power plug option

Sets with 39” Standard Key Tip Shafting

Motor + Speed Control – Handpiece  Set No.  Price

M.SR-2 Hang Up Motor + Speed Control + Handpiece
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.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.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.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.SRM-2 Bench Motor with built-in Speed Control + Handpiece
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

M.SRB-2 Bench Motor + Speed Control + Handpiece
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
M.SRJ-2 with Slip Joint  K.8309-2  $322.40

* More information on Slip Joint products is on page 13

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.

-2 North America CSA compliant
-21 United Kingdom
-22 Continental Europe CE compliant
-26 Australia
-32 Israel
-34 230V Brazil
-33 115V Brazil

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.
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 + 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**

Motor + Speed Control – Handpiece | Set No. | Price
--- | --- | ---
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
M.TXBM Bench Motor + Speed Control + Handpiece

M.TXBM + C.TXR Foot Control + H.44HT Square Drive Collet Handpiece | K.8425 | 457.60
M.TXBM + 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 | Set No. | Price
--- | --- | ---
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

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 | Set No. | Price
--- | --- | ---
M.LX-2 + C.TXR-2 Foot Control + H.30® Chuck Handpiece | K.8502 | 369.20

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.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.

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.
Sets with Non-Conductive Shafting –
Motor - Speed Control Combinations or Motor - Speed Control - Handpiece

### 115 Volt SR Motor Sets

<table>
<thead>
<tr>
<th>Motor + Speed Control – Handpiece</th>
<th>Set No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>39” Key Tip Non-Conductive Shafting</strong></td>
<td></td>
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</tr>
<tr>
<td>M.SR + C.FCT Foot Control No Handpiece</td>
<td>K.8335</td>
<td>$255.84</td>
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<tr>
<td>M.SR + C.SCT Metal Foot Control No Handpiece</td>
<td>K.8321</td>
<td>$291.20</td>
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<td><strong>66” Key Tip Non-Conductive Shafting</strong></td>
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<tr>
<td>M.SR + C.FCT Foot Control No Handpiece</td>
<td>K.8312</td>
<td>$262.08</td>
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<tr>
<td>M.SR + C.SCT Metal Foot Control No Handpiece</td>
<td>K.8315</td>
<td>$297.44</td>
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<tr>
<td>M.SR + C.SCT Metal Foot Control + H.44T Collet Handpiece</td>
<td>K.8317</td>
<td>$366.08</td>
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<tr>
<td><strong>63-3/4” Square Drive Non-Conductive Shafting</strong></td>
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<tr>
<td>M.SRH + C.FCT Foot Control No Handpiece</td>
<td>K.8316</td>
<td>$291.20</td>
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<tr>
<td>M.SRH + C.SCT Metal Foot Control No Handpiece</td>
<td>K.8319</td>
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<td>M.SRH + C.SCT Metal Foot Control + H.44HT Square Drive Collet Handpiece</td>
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### 115 Volt TX Motor Sets

<table>
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<tr>
<td>M.TX + C.TXR Foot Control No Handpiece</td>
<td>K.8427</td>
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<tr>
<td>M.TX + C.TXR Foot Control + H.44T Collet Handpiece</td>
<td>K.8428</td>
<td>$397.28</td>
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<tr>
<td>M.TX + C.SXR Metal Foot Control No Handpiece</td>
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<td>M.TX + C.SXR Metal Foot Control + H.44T Collet Handpiece</td>
<td>K.8430</td>
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<tr>
<td><strong>66” Key Tip Non-Conductive Shafting</strong></td>
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<tr>
<td>M.TX + C.TXR Foot Control No Handpiece</td>
<td>K.8413</td>
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<td>M.TX + C.TXR Foot Control + H.44T Collet Handpiece</td>
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<td>M.TX + C.SXR Metal Foot Control No Handpiece</td>
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<td>M.TX + C.SXR Metal Foot Control + H.44T Collet Handpiece</td>
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<td><strong>63-3/4” Square Drive Non-Conductive Shafting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.TXH + C.TXR Foot Control No Handpiece</td>
<td>K.8417</td>
<td>$364.00</td>
</tr>
<tr>
<td>M.TXH + C.TXR Foot Control + H.44T Square Drive Collet Handpiece</td>
<td>K.8418</td>
<td>$442.00</td>
</tr>
<tr>
<td>M.TXH + C.SXR Metal Foot Control No Handpiece</td>
<td>K.8419</td>
<td>$395.20</td>
</tr>
<tr>
<td>M.TXH + C.SXR Metal Foot Control + H.44HT Square Drive Collet Handpiece</td>
<td>K.8420</td>
<td>$473.20</td>
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</tbody>
</table>

### 230 Volt SR Motor Sets

<table>
<thead>
<tr>
<th>Motor + Speed Control – Handpiece</th>
<th>Set No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>39” Key Tip Non-Conductive Shafting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.SR-2 + C.FCH-2 Foot Control No Handpiece</td>
<td>K.8335-2</td>
<td>$255.84</td>
</tr>
<tr>
<td><strong>66” Key Tip Non-Conductive Shafting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.SR-2 + C.FCH-2 Foot Control No Handpiece</td>
<td>K.8312-2</td>
<td>$262.08</td>
</tr>
<tr>
<td>M.SR-2 + C.SCH-2 Metal Foot Control No Handpiece</td>
<td>K.8315-2</td>
<td>$297.44</td>
</tr>
<tr>
<td>M.SR-2 + C.SCH-2 Metal Foot Control + H.44T Collet Handpiece</td>
<td>K.8317-2</td>
<td>$366.08</td>
</tr>
<tr>
<td>M.SR-2 + C.FCT-21CE Foot Control with UK Plug No Handpiece</td>
<td>K.8314-21</td>
<td>$298.48</td>
</tr>
<tr>
<td>M.SR-2 + C.FCT-22CE Foot Control with Euro Plug No Handpiece</td>
<td>K.8314-22</td>
<td>$298.48</td>
</tr>
<tr>
<td><strong>63-3/4” Square Drive Non-Conductive Shafting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.SRH-2 + C.SCH-2 Metal Foot Control No Handpiece</td>
<td>K.8319-2</td>
<td>$326.56</td>
</tr>
<tr>
<td>M.SRH-2 + C.SCH-2 Metal Foot Control + H.44HT Square Drive Collet Handpiece</td>
<td>K.8320-2</td>
<td>$404.56</td>
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<tr>
<td><strong>M.SRMH Motor with built-in Speed Control + Handpiece with 63-3/4” Square Drive Non-Conductive Shafting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.SRMH-2 + H.30H Square Drive Chuck Handpiece</td>
<td>K.8306-2</td>
<td>$394.16</td>
</tr>
<tr>
<td>M.SRMH-2 + H.44HT Square Drive Collet Handpiece</td>
<td>K.8308-2</td>
<td>$394.16</td>
</tr>
</tbody>
</table>

**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.

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

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

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

16
### Jewelers Kits

#### SR Motor Kits

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.2230</td>
<td>$351.52</td>
<td>Classic Jewelers Kit with H.30° Chuck Style Handpiece 11.7 lb.</td>
</tr>
<tr>
<td>K.2231</td>
<td>402.48</td>
<td>Kit + Bench Clamp Motor Hanger, 14.6 lb</td>
</tr>
<tr>
<td>K.2232</td>
<td>423.28</td>
<td>Kit + Base Mount Motor Hanger, 15.0 lb</td>
</tr>
<tr>
<td>K.2830</td>
<td>386.88</td>
<td>Kit + Cast Iron Foot Pedal instead of C.FCT, 16.45 lb</td>
</tr>
<tr>
<td>K.2230-2</td>
<td>351.52</td>
<td>230V Kit, 11.7 lb, US Plug</td>
</tr>
<tr>
<td>K.2230-21CE</td>
<td>387.92</td>
<td>CE Compliant 230V Kit, 11.9 lb, UK Plug,</td>
</tr>
<tr>
<td>K.2230-22CE</td>
<td>387.92</td>
<td>CE Compliant 230V Kit, 11.9 lb, Continental European Plug</td>
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<tr>
<td>K.2221</td>
<td>424.32</td>
<td>Kit + Bench Clamp Motor Hanger, 13.9 lb</td>
</tr>
<tr>
<td>K.2222</td>
<td>445.12</td>
<td>Kit + Base Mount Motor Hanger, 14.3 lb</td>
</tr>
<tr>
<td>K.2820</td>
<td>408.72</td>
<td>Kit + Cast Iron Foot Pedal instead of C.FCT, 16.20 lb</td>
</tr>
<tr>
<td>K.2220-2</td>
<td>373.36</td>
<td>230V Kit, 11.0 lb, US Plug</td>
</tr>
<tr>
<td>K.2220-21CE</td>
<td>409.76</td>
<td>CE Compliant 230V Kit, 11.2 lb, UK Plug,</td>
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<td>K.2220-22CE</td>
<td>409.76</td>
<td>CE Compliant 230V Kit, 11.2 lb, Continental European Plug</td>
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#### LX Motor Kits

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.2245</td>
<td>$609.44</td>
<td>Deluxe Stone Setting Kit with 2 Handpieces– H.18 &amp; H.15 10.7 lb, Kit Description on page 19</td>
</tr>
<tr>
<td>K.2246</td>
<td>660.40</td>
<td>Kit + Cast Iron Foot Pedal instead of C.FCT, 12.15 lb</td>
</tr>
<tr>
<td>K.2845</td>
<td>640.64</td>
<td>Kit + Cast Iron Foot Pedal instead of C.FCT, 12.15 lb</td>
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</tbody>
</table>

#### PowerGraver Kits

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.2293</td>
<td>$676.00</td>
<td>PowerGraver Kit with H.9D Engraving Handpiece 11.25 lb, Kit Description on page 19</td>
</tr>
<tr>
<td>K.2293-2</td>
<td>676.00</td>
<td>230V Kit, 11.25 lb, US Plug</td>
</tr>
</tbody>
</table>

#### 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:

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.2230-12CE</td>
<td>115V Brazil</td>
<td>for United Kingdom, UK CE compliant</td>
</tr>
<tr>
<td>K.2230-21CE</td>
<td>230V Brazil</td>
<td>for United Kingdom, UK CE compliant</td>
</tr>
<tr>
<td>K.2230-22CE</td>
<td>Continental Europe</td>
<td>CE compliant</td>
</tr>
<tr>
<td>K.2230-26</td>
<td>Australia</td>
<td></td>
</tr>
<tr>
<td>K.2230-32</td>
<td>Israel</td>
<td></td>
</tr>
<tr>
<td>K.2230-34</td>
<td>115V Brazil</td>
<td></td>
</tr>
</tbody>
</table>

### Options

- **K.2240-2**
- **K.2245-2**
- **K.2245-21CE**
- **K.2245-22CE**
- **K.2245-26**
- **K.2245-32**
- **K.2245-34**
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 and C.SCT Cast Iron Speed Control
$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.

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
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 produce 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.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 Iron Speed Control
$408.72
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 Iron Speed Control
$465.92
Plastic Housed Speed Control

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 HPCK-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.
K.2250 Hammer Stone Setting Kit with 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.

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

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 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.

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

K.TX300 TX Jewelers Kit with 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.

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.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.90 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.
M.SR Motor, Speed Control, Handpiece & Accessories

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

K.5242 Classic Woodcarving Kit plus MAMH-2
$455.52

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.

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 3/32” (4.4mm) in diameter. Comes with the HPCK-0 chuck key with plastic handle. (5/32”) 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.

K.5250 Woodcarving Kit with Dial Control and H.44T Handpiece
$421.20

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
$480.48

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 &
$419.12
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 &
$448.24
H.30® Handpiece

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

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.

SR Motor Kits

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.5240</td>
<td>$383.76</td>
<td>Classic Woodcarving Kit with H.44T Collet Style Handpiece 12.1 lb.</td>
</tr>
<tr>
<td>K.5241</td>
<td>434.72</td>
<td>Kit with Bench Clamp Motor Hanger, 15.0 lb</td>
</tr>
<tr>
<td>K.5242</td>
<td>455.52</td>
<td>Kit with Base Mount motor Hanger, 15.4 lb</td>
</tr>
<tr>
<td>K.5240-2</td>
<td>383.76</td>
<td>230V Kit, 12.1 lb, US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.5240-21CE</td>
<td>420.16</td>
<td>CE Compliant 230V Kit, 12.3 lb, UK Plug</td>
</tr>
<tr>
<td>K.5240-22CE</td>
<td>420.16</td>
<td>CE Compliant 230V Kit, 12.3 lb, Continental European Plug.</td>
</tr>
<tr>
<td>K.5250</td>
<td>$421.20</td>
<td>Woodcarving Kit with Dial Control &amp; H.44T Handpiece 12.1 lb.</td>
</tr>
<tr>
<td>K.5251</td>
<td>472.16</td>
<td>Kit with Bench Clamp Motor Hanger, 15.0 lb</td>
</tr>
<tr>
<td>K.5252</td>
<td>492.96</td>
<td>Kit with Base Mount Motor Hanger, 15.4 lb</td>
</tr>
<tr>
<td>K.5250-2</td>
<td>421.20</td>
<td>230V Kit, 12.1 lb US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.5200</td>
<td>$480.48</td>
<td>Deluxe Woodcarving Kit with Metal Speed Control, H.44T and H.28 Collet Handpieces, 17.0 lb</td>
</tr>
<tr>
<td>K.5201</td>
<td>531.44</td>
<td>Kit with Bench Clamp Motor Hanger, 19.9 lb</td>
</tr>
<tr>
<td>K.5202</td>
<td>552.24</td>
<td>Kit with Base Mount Motor Hanger, 20.3 lb</td>
</tr>
<tr>
<td>K.5200-2</td>
<td>480.48</td>
<td>230V Kit, 17.0 lb, US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.5300</td>
<td>$419.12</td>
<td>Bench Style Woodcarving Kit with Built-in Speed Control and H.44T Collet Handpiece, 15.0 lb</td>
</tr>
<tr>
<td>K.5300-2</td>
<td>419.12</td>
<td>230V Kit, 15.0 lb, US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.5230</td>
<td>$448.24</td>
<td>Gourd Carving Bench Style Kit with Built-in Speed Control and H.30 Chuck Handpiece, 15.2 lb</td>
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<tr>
<td>K.5230-2</td>
<td>448.24</td>
<td>230V Kit, 15.2 lb, US Plug or specify power plug.</td>
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TX Motor Kits 115 Volt ONLY

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.5400</td>
<td>$464.88</td>
<td>High Torque Woodcarving Kit with Metal Speed Control &amp; H.44T Collet Handpiece, 15.2 lb</td>
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<tr>
<td>K.5401</td>
<td>515.84</td>
<td>Kit with Bench Clamp Motor Hanger, 18.1 lb</td>
</tr>
<tr>
<td>K.5402</td>
<td>536.64</td>
<td>Kit with Base Mount Motor Hanger, 18.5 lb</td>
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LX Motor Kits

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>K.2252</td>
<td>$451.36</td>
<td>Chisel Carving Kit with H.50 Chisel Handpiece 10.8 lb</td>
</tr>
<tr>
<td>K.2252-2</td>
<td>451.36</td>
<td>230V Kit, 10.8 lb, US Plug or specify power plug.</td>
</tr>
</tbody>
</table>

M.TX Motor

1/3 horse power, 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 horse power, 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

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.

UPGRADES:

K.5400 Kit plus MAMH-1 Bench Clamp Motor Hanger

K.5402 Kit plus MAMH-2 Base Mount Motor Hanger

K.2252 M.LX Motor Chisel 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
Accessory Assortment Kits

**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. ONLY available in 115 Volt. Page 5.

**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 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 HPCK-0 chuck key with plastic handle. (5-3/16” long, 1” diameter) Page 5.

Part Numbers listed are 115 Volt. SR Motor Kits are also available in 230 Volt Technical Specifications see page 2.

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

**UPGRADES:**

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

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

**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.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 / AKHK25 Accessory Assortment Kit & flex shaft grease.**

**UPGRADES:**

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

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

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

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.2272</td>
<td>$372.32</td>
<td>Classic General Purpose Kit with H.30® Chuck Handpiece 10.7 lb</td>
</tr>
<tr>
<td>K.2273</td>
<td>$423.28</td>
<td>Kit with Bench Clamp Motor Hanger, 13.6 lb</td>
</tr>
<tr>
<td>K.2274</td>
<td>$444.08</td>
<td>Kit with Base Mount Motor Hanger, 14.0 lb</td>
</tr>
<tr>
<td>K.2272-2</td>
<td>$372.32</td>
<td>230 Volt Kit, 10.7 lb, US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.2272-21CE</td>
<td>$408.72</td>
<td>CE Compliant 230V Kit, 10.9 lb, UK Plug</td>
</tr>
<tr>
<td>K.2272-22CE</td>
<td>$408.72</td>
<td>CE Compliant 230V Kit, 10.9 lb, Continental European</td>
</tr>
<tr>
<td>K.SRH440</td>
<td>$395.20</td>
<td>Industrial SRH Kit with Square Drive Shafting &amp; Metal Speed Control, H.44HT Square Drive Handpiece, 14.4 lb</td>
</tr>
<tr>
<td>K.SRH441</td>
<td>$446.16</td>
<td>Kit with Bench Clamp Motor Hanger, 17.3 lb</td>
</tr>
<tr>
<td>K.SRH442</td>
<td>$466.96</td>
<td>Kit with Base Mount Motor Hanger, 17.7 lb</td>
</tr>
<tr>
<td>K.SRH440-2</td>
<td>$395.20</td>
<td>230V Kit, 14.4 lb, US Plug or specify power plug.</td>
</tr>
<tr>
<td>K.SRH440-21CE</td>
<td>$431.60</td>
<td>CE Compliant 230V Kit, 16.6 lb, UK Plug</td>
</tr>
<tr>
<td>K.SRH440-22CE</td>
<td>$431.60</td>
<td>CE Compliant 230V Kit, 14.6 lb, Continental European Plug C.FCT-2CE Foot Control is substituted for C.SCT</td>
</tr>
</tbody>
</table>

### TXH Motor Kits 115 Volt ONLY

<table>
<thead>
<tr>
<th>Kit No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.TXH440</td>
<td>$476.32</td>
<td>Industrial TXH Kit with Square Drive Shafting &amp; Metal Speed Control, H.44HT Square Drive Handpiece 13.2 lb</td>
</tr>
<tr>
<td>K.TXH441</td>
<td>$527.28</td>
<td>Kit with Bench Clamp Motor Hanger, 16.1 lb</td>
</tr>
<tr>
<td>K.TXH442</td>
<td>$548.08</td>
<td>Kit with Base Mount Motor Hanger, 16.5 lb</td>
</tr>
</tbody>
</table>

### 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.

**Bench Clamp**

**MABC-1 $16.64**
if purchased separately

**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**

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

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. 3/16" (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:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UA115</td>
<td>$4.50</td>
<td>Hex Key (3/32&quot;)</td>
</tr>
<tr>
<td>UA10682</td>
<td>$3.95</td>
<td>Coupling</td>
</tr>
<tr>
<td>UA110-5</td>
<td>$3.64</td>
<td>Set Screws 5-pk (10–32 x 1/4” hexagon socket cup point)</td>
</tr>
</tbody>
</table>
**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.

**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:**

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

Motors, handpieces and rotary accessories NOT included.
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 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:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAJAR</td>
<td>$4.50</td>
</tr>
<tr>
<td>MAJAR-6</td>
<td>$9.36</td>
</tr>
</tbody>
</table>

**Handpieces and rotary accessories NOT included.**
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

- S-93 $11.44 39° Key Tip Shaft — supplied on motors listed above. Use with Shafts S-77 or S-77N
- S-93-43 $12.48 46-3/8” Optional Shaft Use with Sheath S-77-43
- S-93-66 $16.64 66° Optional Shaft Use with Sheath S-77-66
- S-93-NC $17.68 39° Non-Conductive Optional Shaft. Use with Sheath S-77
- S-93-NC-66 $20.80 66° Non-Conductive Optional Shaft. Use with Sheath S-77-66

Key Tip Factory Pre-Lubed Assemblies

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

Maintenance Videos on 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

- S-10823 $19.76 63-3/4” Square Drive Shaft — Supplied on motors SRH, TXH and LXH
- S-10801TX $48.88 63” Square Drive Sheath Assembly — Supplied on motors SRH, TXH & LXH. Includes SS10819 Silencer Spring
- S10819 $15.60 59-1/2” Silencer Spring for motors listed above
- S-10801-NC $59.28 63-3/8” Optional Non-Conductive Square Drive Sheath Includes SS10819 Silencer
- S-10827-NC $24.96 63-3/4” Optional Non-Conductive Square Drive Shaft

Factory Pre-Lubed Assemblies

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

European Slip Joint Shafts and Outer Sheaths

- S-108141 $13.52 93.7cm Slip Joint Shaft with shaft adapter and silencer
- S-108142 $16.64 95.3cm Slip Joint Shaft
- S-108141 $12.48 Slip Joint Motor Connector
- S-10814 $45.76 Factory Pre-Lubed Conversion Assembly 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**
- **Sheath**
- **Tube of Foredom Grease**
- **Motor Connector**
- **Set Screws for Motor Connector, 4-pk**
- **Spring Clip for Key Tip Handpieces**
- **Catch Ball for all Handpieces, 4-pk**
- **Chuck Key for H.30°® Handpieces**

**$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 & PG Motors. Includes set screw

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

5” Screwdriver

**A-PS3** **$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

Many helpful maintenance videos are at 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, LH, 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 S, H & K Motors

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

**MP117P** **$11.44** For R, RB, E, E, 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, LH, PGX Motors

**MP120** **$4.50** For 1/8hp Series S & 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, SH, SXH, LX, LHX, 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
**HP440** $62.40 Set of 7 Collets—1 ea below with *.
Individual collets $8.84 each
HP442 3/32” (2.35 mm)  HP445 3/16” (4.8 mm)
HP448 3 mm  HP449 6 mm
HP443 1/8” (3.18 mm)  HP447 1/4” (6.35 mm)
HP444 5/32” (4 mm)  HP446 7/32” (5.55 mm)
**HP600** $36.40 Set of 4 Collets—1 ea below.
Individual collets $8.84 each
HP602 1/16” (1.6 mm)  HP604 1/8” (3.18 mm)
HP603 3/32” (2.35 mm)  HP605 3 mm
**HP103000** $84.76 Set of 5 Collets 1 ea below with *.
Individual collets $18.72 each
HP103116 1/16” (1.6 mm)
HP103115 3/32” (2.35 mm)  HP103124 3 mm (not in set)
HP103114 1/8” (3.18 mm)  HP103126 4 mm (not in set)
HP103113 3/16” (4.8 mm)  HP103119 6 mm (not in set)
**HP001.014** $58.76  3 mm for H.10, H.10D
**HP012.010** $58.76  3/32” (2.35 mm) for H.10, H.10D
**HP201.010** $58.76  1/8” (3.18 mm) for H.10, H.10D
**HP703** $29.12  3/32” (2.35 mm) for H.18, H.18D, H.18SJ
**HP3-1008** $10.92  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
HP4L-3233 3/32” to 1/16”  HP4L-3235 3/32” to 1/8”
HP4L-3234 1/8” to 1/16”  HP4L-3237 0.5 mm to 1.5 mm
HP4L-3235 3 mm to 3/32

Handpiece Ball Bearings, Sheath Spring Clip, Catch Balls, Chuck Nuts, Duplex Springs
**HP43** $4.50 Spring Clip for ALL Handpieces EXCEPT Slip Joint
**HP48-4** $4.50 Catch Ball, 4-pk for ALL Handpieces EXCEPT Slip Joint
**HP44A** $4.50 Chuck Nut for H.8, H.8D, H.8SJ
**HP76** $13.00 Duplex Spring
**HP76B** $156.00 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-C1, 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
**HP10586** $3.64 1/16” Wrench Assembly for Handpieces H.8, H.8D. Also Right Angle Attachment A-69224
**HP10588** $3.64 1/16” Pin & Chuck Wrench for Handpieces H.28, H.28H, H.28SJ
**HP5238** $4.50 3/8” Wrench for H.52, H.52D, H.52SJ
**HP50012** $4.50 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
**CP10857**  $4.99 For C.FCT-1/C.SCT-1, C.FCH-1/C.SCH-1 (115V)
**CP11251-REP**  $4.49 For C.TXR-1/C.SXR-1 (115V)

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.
**CP10874**  $30.00 For C.SXR-1 (115V) and C.SXR-2 (230V)
**CP10495**  $48.88 For C.EM-1 & C.EMF-1 (115V)
**CP10495-2**  $48.88 For C.EM-2 & C.EMG-2 (230V)
**CP10495-F**  $48.88 For Dual Range C.EMF-1 (115V)
**CP10495-2F**  $48.88 For Dual Range C.EMG-2 (230V)
**CP10521**  $20.28 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
**CP10513**  Three Amp fuse for C.EM-1, C.EMF-1, C.EMHG-2, C.EMX-2
**CP10515**  Five Amp fuse for C.EMX-1, C.EMXF-1, C.EMH-1
**CP10511**  1.5 Amp fuse for C.EM-2, C.EMG-1, C.EMG-2, C.EMGX-1 and C.EMGX-2

Replacement Power Cords

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<th>C7 Detachable Part No.</th>
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US / North America  UK / United Kingdom  Euro / Continental Europe  Australia  Israel  Brazil  India
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 thread ed shaft for advancing jaws 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

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

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

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

**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

**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:**

**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.

**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-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

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.

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


- 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
**H.30® Attachments:**

**Belt Sander Attachment** can sand & smooth narrow spaces and edges of metal, wood, acrylic & composite materials.


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
- 500 – 4,000 RPM Optimum Speed

One-Year Limited Warranty

**Hex Key.**

**Kits Include:**

- AK797230 Kit with H.30® Handpiece, 1 lb pkg wt
- AK797230H Kit with H.30H Square Drive Handpiece, 1.25 lb pkg wt
- AK797305J 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**

- 25mm Long Replacement Sandpaper Belts come in two widths: 7mm and 10mm. Both are available in packs of 5 and assortments:

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<th>Grit</th>
<th>7mm Belts*</th>
<th>10mm Belts*</th>
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**Assortments**

- Coarse: 3 each 100, 180, 240 grits
- Fine: 3 each 320, 600, 1000

- $5.46 / 9-Pk
- $7.07 / 9-Pk
- $14.14 / 18-Pk

**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

**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 Micromotor Separate Components and Replacement Parts

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

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

Compact Control Box A-WT-87 $54.08 if purchased separately
2-1/2” x 2” (64 x 51 mm) Precision heat control dial sets and maintains temperatures from 95ºF (35ºC) to 560ºF (294ºC). 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 Carvers Kits work on any voltage from 100V to 240V. Plug Adapters are available at no added charge when ordering a Kit.

Replacement Parts:

Handpiece Cord (41” from metal tip to tip) A-WT-86 $24.44
Handpiece A-WT-82 $107.12
Cork Cap for Handpiece A-WT-84 $11.34
Replacement Plug Adapters
United Kingdom Plug A-WT-85-21 $11.34
Australia Plug A-WT-85-26

Replacement Transformers $28.08

Discontinued: H.MH-145A, H.MH-135:
HP6-117 2.35mm (3/32") $32.76 each
HP6-117B 1/8" (3.18 mm)  
HP6-117C 3.0 mm  

Collets for handpieces: H.MH-150 & H.MH-15018 with Serial # 807XXXX and below (prior to 11/2008):
HP7-5008 2.35mm (3/32") $32.76 each
HP7-5007 1/8" (3.18 mm)  
HP7-5006 3.0 mm  

Collets for handpieces: H.MH-160 & H.MH-16018
HP6-117 2.35mm (3/32") $32.76 each
HP6-117B 1/8" (3.18 mm)  
HP6-117C 3.0 mm  

Motor Brush Pairs for these handpieces:
H.MH-120 HP2-326 $15.60
Older H.MH-130 and H.MH-13018 HP8-163 17.68
H.MH-170, H.MH-17018, H.MH-110, Current H.MH-130 and H.MH-13018 HP4-163 17.68
H.MH-145 discontinued HP4-993 6.24

Collet Changing Wrenches for these handpieces:
HP15-002 $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 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, grass 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
HPB-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 HPB-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
HPB-81800 $104.00 14.8v – 1,800mAh Charging Time: 3 hours, Working Time: 5 hours

Optional Components for K.1030 Micromotor and others

$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 HP4-927 $27.04

Digital RPM Display Adapter for charging battery and for corded operation

Dial Speed Control Handpiece Cradle

Option Plastic Carrying Case AP1130 $52.00
Optional Lightweight Woven Nylon Carrying Pouch A-KC300 $19.76

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.

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 HPB-306 $46.80 Input: 110-240 Volt, 50/60hz, Output: DC18V/1.8A
Rechargeable Lithium-Ion Battery HPB-81800 $104.00 14.8v – 1,800mAh Charging Time: 3 hours, Working Time: 5 hours

| Optional Lightwave Woven Nylon Carrying Pouch A-KC300 $19.76 | Optional Plastic Carrying Case AP1130 $52.00 |

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.

32-year limited warranty on kits

Digital RPM Display Adapter for charging battery and for corded operation

Dial Speed Control Handpiece Cradle

Opional Plastic Carrying Case AP1130 $52.00
Optional Lightweight Woven Nylon Carrying Pouch A-KC300 $19.76

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.

32-year limited warranty on kits

Digital RPM Display Adapter for charging battery and for corded operation

Dial Speed Control Handpiece Cradle
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.
- **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:
- H.MH-170 2.35mm (3/32") collet installed or H.MH-17018 1/8” collet installed

• 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.
• Control Unit: • Coiled cord connects the handpiece to the Control Unit.
• Control Unit Front for selecting:
  - 4-3/8” Wide, 5-3/4” Deep, 3-3/4” High Output: DC30V/5.0A

• Control Unit Back for selecting:
  - On/Off • Forward/Reverse rotation • Manual/Foot Speed Control.
  - Voltage for Operation —110/120V or 220/240 Volt

Variable Speed Foot Control
- HP4-917 $218.40 if purchased separately
- HP4-917-2 Control Unit

• Variable Speed Foot Control or Optional On/Off Foot Switch

2-year limited warranty on micromotor kits

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

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:
- 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.

Foredom’s Handpiece Holder and Drill Press designed for H.MH-170 type handpiece on page 29.
Micromotor Kits – Brush Type

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

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 65.3Nm 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 HP4-933 $6.76
- Spare Motor Brush Pair HP2-326 $15.60
- Spare Fuse HP4-110 $3.64
- Chuck Key HPCK-0 $6.24

Includes:
- Handpiece Cradle (2) HP4-933 $6.76 each
- Adapter for Threaded Anvil Point (installed) HPHB-32 $49.92
- Anvil Points (3) with Threaded Shanks HP10177 $6.24 each
- Graver Holder HPHB-214 $20.80
- Spare Motor Brushes one pair each for H.MH-170 and one for H.MH-110 HP4-163 $17.68
- 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.1020-21 for United Kingdom, UK CE compliant

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
- 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 or H.MH-17018 1/8” collet installed
- Features listed on facing page.

K.109018 $939.00 8.0 lb pkg wt
- with 1/8” collet in rotary handpiece.
- CE Marked

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:
- Handpiece Cradle (2) HP4-933 $6.76 each
- Adapter for Threaded Anvil Point (installed) HPHB-32 $49.92
- Anvil Points (3) with Threaded Shanks HP10177 $6.24 each
- Graver Holder HPHB-214 $20.80
- Spare Motor Brushes one pair each for H.MH-170 and one for H.MH-110 HP4-163 $17.68
- Spare Fuse HP4-110 $3.64
- Collet Changing Wrenches HP4-993 $6.24

Additional information about handpieces and accessories is on facing page.

Always Wear Eye and Dust Protection While Using Rotary Power Tools
FOREDOM® FOREDOM ELECTRIC CO. www.foredom.net
Brushless Micromotor Kits– High Torque/High Speed Dual Port Kits

2-year limited warranty on kits

50,000 RPM maximum speed, high torque micromotor is powerful even at minimum speeds and you never need to replace motor brushes.

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

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 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

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 Handpiece 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 & 220 Volt Micromotor Kits are priced the same.
Specify Plug Options for 230 Volt

Parts for K.1060 Micromotor only

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Replacement Part / Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP6-994</td>
<td>$8.63</td>
<td>Nosecone Wrench</td>
</tr>
<tr>
<td>HP6-993</td>
<td>$8.63</td>
<td>Collet Wrench</td>
</tr>
<tr>
<td>HP6-933</td>
<td>$5.72</td>
<td>Handpiece Cradle</td>
</tr>
<tr>
<td>HP6-610</td>
<td>$11.65</td>
<td>Handpiece Holder for side of control unit</td>
</tr>
<tr>
<td>HP6-101</td>
<td>$3.64</td>
<td>Fuse GDB 5 Amp, 250V, 5mm x 20mm</td>
</tr>
<tr>
<td>HP6-117B</td>
<td>$32.76</td>
<td>Collet for 1/8” diameter accessories</td>
</tr>
<tr>
<td>HP6-117</td>
<td>$32.76</td>
<td>Collet for 3/32” (2.35 mm) diameter accessories</td>
</tr>
<tr>
<td>HP6-117C</td>
<td>$32.76</td>
<td>Optional Collet for 3 mm diameter accessories</td>
</tr>
</tbody>
</table>

Optional for K.1060 Micromotor and others

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPL4-3233</td>
<td>3/32” to 1/16”</td>
<td></td>
</tr>
<tr>
<td>HPL4-3234</td>
<td>1/8” to 1/16”</td>
<td></td>
</tr>
<tr>
<td>HPL4-3236</td>
<td>1/8” to 3/32”</td>
<td></td>
</tr>
<tr>
<td>HPL4-3237</td>
<td>3.0mm to 1.6mm</td>
<td></td>
</tr>
</tbody>
</table>


$16.95 each
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)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.BL</td>
<td>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.</td>
<td>$223.60</td>
</tr>
</tbody>
</table>

**Bench Lathe Kit with Collet Holder and Wheel Mandrel**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
</table>

**Bench Lathe Kit with Buffs and Compound**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
</table>

**Bench Lathe Kit with Filter Hood**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.3280</td>
<td>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 (1ea pleated, polyester and charcoal) that are easy to ship to a refiner. 21.1 lb pkg wt.</td>
<td>$509.60</td>
</tr>
</tbody>
</table>

**Bench Lathe Kit with Two Dust Hoods**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.BL-DCH</td>
<td>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 MADCC20 Dust Collector or other dust collection hoses. 11.5 lb pkg wt.</td>
<td>$317.20</td>
</tr>
</tbody>
</table>

**Dust Hood MADCH-1**

<table>
<thead>
<tr>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$53.04</td>
<td>if purchased separately</td>
</tr>
</tbody>
</table>

- 6-1/2” (165mm) High
- 4-5/8” (117mm) Wide
- 8-5/8” (219mm) Deep
- 1.85 lb pkg wt
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-TM3 left side for 1/4” shaft
- A-TM6 right side for 5/16” 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-3 left side for 1/4” shaft
- A-WM-6 right side for 5/16” shaft
- A-WM-4 right side for 1/4” shaft

**Collet Holder with 3 Collets**
Collet holder on arbor for use ONL drums, etc. See page 28 for more collets.

<table>
<thead>
<tr>
<th>Collet Holder</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-CHA-5</td>
<td>$39.52</td>
</tr>
</tbody>
</table>

**Chuck Arbor $53.04 each**
Chuck Arbor for use ONLY on right side of lathe adjusts to hold accessories with shafts 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.3340-02 for Continental Europe
- K.3340-21 United Kingdom
- K.3340-22 Continental Europe
- K.3340-32 Israel
- K.3340-34 230V Brazil
- K.3340-33 115V Brazil

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

<table>
<thead>
<tr>
<th>Coupling</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>S.B0-14</td>
<td>$56.16</td>
</tr>
<tr>
<td>1/4”</td>
<td>S.B0-16</td>
<td>$56.16</td>
</tr>
<tr>
<td>1/2”</td>
<td>S.B0-12</td>
<td>$56.16</td>
</tr>
<tr>
<td>3/4”</td>
<td>S.B0-38</td>
<td>$56.16</td>
</tr>
</tbody>
</table>

**Flexades with other coupling sizes:**

<table>
<thead>
<tr>
<th>Coupling</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>S.B0-516</td>
<td>$56.16</td>
<td></td>
</tr>
</tbody>
</table>

**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.

**Hub Adapter for Tapered Spindles**

<table>
<thead>
<tr>
<th>Adapter</th>
<th>Price</th>
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<tbody>
<tr>
<td>A-4562</td>
<td>$6.03</td>
</tr>
<tr>
<td>A-4568</td>
<td>$6.03</td>
</tr>
</tbody>
</table>

**Replacement Parts for Bench Lathe, Flexade & Attachments**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Brush Pair for Bench Lathes M.BL, BL-1, BL-1A, BL-2</td>
<td>MP262P</td>
<td>$9.36</td>
</tr>
<tr>
<td>Motor Brush Cap for Bench Lathes M.BL, BL-1, BL-1A, BL-2</td>
<td>MP273</td>
<td>4.50</td>
</tr>
<tr>
<td>3A Fuse for 115V and 230V BL’s with detachable power cords</td>
<td>CP10513</td>
<td>4.50</td>
</tr>
<tr>
<td>3A Fuse for 115V BL’s with attached power cords</td>
<td>CP10574</td>
<td>4.50</td>
</tr>
<tr>
<td>1-1/2A Fuse for 230V BL’s with attached power cords</td>
<td>CP10543</td>
<td>4.50</td>
</tr>
<tr>
<td>34” Flexade Shaft</td>
<td>S-104</td>
<td>13.52</td>
</tr>
<tr>
<td>32-5/8” Flexade Sheath</td>
<td>S-86</td>
<td>15.60</td>
</tr>
<tr>
<td>5/64” Hex Key for UA117-4 Set Screws</td>
<td>UA112KY</td>
<td>4.50</td>
</tr>
<tr>
<td>Pin &amp; 1/2” Chuck Wrench for A-CHA-4 &amp; A-CHA-5 Collet Holders</td>
<td>HP66</td>
<td>6.86</td>
</tr>
<tr>
<td>Suction Cup Feet (priced each)</td>
<td>UA130</td>
<td>4.50</td>
</tr>
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</table>
**Filter Hood**

MAFH25  
$310.96

Use it with a Lathe or with a handpiece

**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 (tea pleased, 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.  
**Gooseneck Lamp:** 16-7/8” (424mm) long,  
**Tray interior:** 5-3/4” (153mm) wide x 5-7/16” (146mm) long x 1/2” (10mm) thick.  
**Filters:** 5-13/16” (153mm) wide x 5-7/16” (138mm) long, 2 3/8” (10mm) thick.

**MAFH25 Replacement Parts:**

<table>
<thead>
<tr>
<th>Motor Brush Part</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MP251P</td>
<td>$9.36</td>
</tr>
<tr>
<td>5A Fuse for current units with one knob on top only</td>
<td>MAFH110</td>
<td>$3.64</td>
</tr>
<tr>
<td>3A Fuse for older units with rocker switch &amp; knob on top</td>
<td>CP10513</td>
<td>$4.50</td>
</tr>
<tr>
<td>Splash Tray</td>
<td>MAFH105</td>
<td>$16.12</td>
</tr>
</tbody>
</table>

**5-pks of Filters:**

<table>
<thead>
<tr>
<th>Medium Paper</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pleated Heavy Paper for fine particles: 3.0 Micron Rating</td>
<td>MAFH109-5</td>
<td>$22.88</td>
</tr>
<tr>
<td>Traps &amp; Holds 95% or more of particles 3.0 Micron and 85% of 0.3-1.0 micron</td>
<td>MAFH108-5</td>
<td>$8.84</td>
</tr>
<tr>
<td>2-Sided Carbon &amp; Polyester on other side for fine to medium particles: 12 Merv Rating, Traps &amp; Holds 90% or better of particles 3.0 Micron and less than 75% of 0.3-1.0 micron</td>
<td>MAFH107-5</td>
<td>$7.28</td>
</tr>
<tr>
<td>100% Polyester on both sides for coarser particles: 8 Merv Rating, Traps &amp; Holds 70%- 85% of particles 3.0-10 micron</td>
<td>MAFH120</td>
<td>$11.44</td>
</tr>
</tbody>
</table>

**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

Comes with three filters

**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:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA825</td>
<td>$10.40</td>
</tr>
<tr>
<td>A-MWR03</td>
<td>23.92</td>
</tr>
<tr>
<td>A-MWD2</td>
<td>4.50</td>
</tr>
<tr>
<td>MALC220-10</td>
<td>6.76</td>
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<tr>
<td>MALC221-10</td>
<td>6.76</td>
</tr>
<tr>
<td>MALC219</td>
<td>4.50</td>
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<tr>
<td>MALC218</td>
<td>4.50</td>
</tr>
<tr>
<td>MALC222</td>
<td>5.10</td>
</tr>
</tbody>
</table>

**Always Wear Eye and Dust Protection While Using Rotary Power Tools**  
FOREDOM ELECTRIC CO.  
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 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.
- Available in sizes: 9-1/2" wide at back, 6" wide at front, Depth: 8-3/4" front to back

### Jumbo Work Chamber with Light

**MALC30**  
$450.00

**21" high x 22-3/4" wide**

**23" deep including hose port in back**

**Huge and semi-enclosed!** Use it with MADC20 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.BL bench lathe to fit inside, it is also ideal for siftin 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**
  - 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

### 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 MADC20 Dust Collector or other dust collection hoses.

- 6-1/2"x (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:**
- Priced if purchased separately
  - Elbow fits any 2-1/4" diameter hose
  - Wooden Bench Pin Assembly 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

### 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

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Always Wear Eye and Dust Protection While Using Rotary Power Tools  
FOREDOM ELECTRIC CO.  www.foredom.net
Dust Collector with Cyclone & Collection Chamber

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:** Priced if purchased separately

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MADCVH-5</td>
<td>$27.04</td>
</tr>
<tr>
<td>MADC205</td>
<td>$10.35</td>
</tr>
<tr>
<td>MADC208</td>
<td>$24.96</td>
</tr>
<tr>
<td>MP810P</td>
<td>$20.80</td>
</tr>
<tr>
<td>CP804</td>
<td>$4.50</td>
</tr>
<tr>
<td>CP807</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

**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
- **MADC20-22** for Continental Europe CE compliant
- **MADC20-26** for Australia
- **MADC20-32** for Israel
- **MADC20-33** for 115V Brazil
- **MADC20-34** for 230V Brazil

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42
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


**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

**Mobile Work Station MAWS10**

$934.96

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.
Products for Protecting & Organizing

Safety Kit
AKS6100 $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 size. 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. Stores and organizes up to 112 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.
Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories

FOREDOME® FOREDOM ELECTRIC CO. www.foredom.net

Rotary Accessory Assortment Kits

We reserve the right to substitute comparable accessories when necessary.

Jewelers 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, vanadium steel cutter, and rubber drum, screw and sandpaper split mandrels. 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

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.

Included with K.5240, K.5220, K.5200 and K.5400 Flex Shaft Kits.

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

Included with K.5240, K.5220, K.5200 and K.5400 Flex Shaft Kits.

Woodcarvers Kits

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: Foredom’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 cutters, 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.

Included with K.2230, K.2220, K.2200, K.2800 and K.TX300 Flex Shaft Kits.

AK29 $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.

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

General Use Kits

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

Included with K.2250, K.2240, and K.2245 Stone Setting Flex Shaft Kits.

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
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

<table>
<thead>
<tr>
<th>Shape</th>
<th>Part No.</th>
<th>Grit</th>
<th>Head “” (mm) Diameter x Length</th>
<th>Overall “” (mm) Length</th>
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</thead>
<tbody>
<tr>
<td>Bud</td>
<td>A-V326</td>
<td>40</td>
<td>1/4 (6.4) x 3/8 (9.5)</td>
<td>1-7/8 (47.6)</td>
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<tr>
<td></td>
<td>A-V327</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ball</td>
<td>A-V336</td>
<td>40</td>
<td>3/8 (9.5) x 3/8 (9.5)</td>
<td>1-7/8 (47.6)</td>
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<tr>
<td></td>
<td>A-V337</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder</td>
<td>A-V356</td>
<td>40</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
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<tr>
<td></td>
<td>A-V357</td>
<td>80</td>
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<tr>
<td>Tapered</td>
<td>N/A</td>
<td>40</td>
<td>1/2 (13) x 3/16 (4.8)</td>
<td>1-3/4 (44.5)</td>
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<tr>
<td>Flat top</td>
<td>N/A</td>
<td>80</td>
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<tr>
<td>Taper</td>
<td>A-V397</td>
<td>80</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>2 (50.8)</td>
</tr>
</tbody>
</table>

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 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

<table>
<thead>
<tr>
<th>Shape</th>
<th>Part No.</th>
<th>Grit</th>
<th>Head “” (mm) Diameter x Length</th>
<th>Overall “” (mm) Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Ball Nose</td>
<td>A-CK300</td>
<td>80</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>2 (50.8)</td>
</tr>
<tr>
<td>Medium Ball Nose</td>
<td>A-CK301</td>
<td>120</td>
<td>3/16 (4.8) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Small Ball Nose</td>
<td>A-CK302</td>
<td>120</td>
<td>1/8 (3.2) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Flame</td>
<td>A-CK318</td>
<td>80</td>
<td>5/32 (3.9) x 3/8 (9.5)</td>
<td>1-7/8 (47.6)</td>
</tr>
<tr>
<td>Small Inverted Cone</td>
<td>A-CK322</td>
<td>120</td>
<td>1/8 (3.2) x 1/8 (3.2)</td>
<td>1-5/8 (41.3)</td>
</tr>
<tr>
<td>Large Inverted Cone</td>
<td>A-CK375</td>
<td>120</td>
<td>1/4 (6.4) x 1/4 (6.4)</td>
<td>1-3/4 (44.5)</td>
</tr>
<tr>
<td>Ball</td>
<td>A-CK332</td>
<td>120</td>
<td>1/8 (3.2) x 1/8 (3.2)</td>
<td>1-5/8 (41.3)</td>
</tr>
<tr>
<td>Tapered Cone</td>
<td>A-CK342</td>
<td>120</td>
<td>1/8 (3.2) x 1/4 (6.4)</td>
<td>1-3/4 (44.5)</td>
</tr>
<tr>
<td>Fine Cylinder</td>
<td>A-CK350</td>
<td>120</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>2 (50.8)</td>
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<tr>
<td>Medium Cylinder</td>
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<td>1/4 (6.4) x 1/2 (13)</td>
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<tr>
<td>Coarse Cylinder</td>
<td>A-CK356</td>
<td>60</td>
<td>1/4 (6.4) x 1/2 (13)</td>
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<tr>
<td>Small Cylinder</td>
<td>A-CK352</td>
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<td>3/32 (2.35) x 1/4 (6.4)</td>
<td>1-3/4 (44.5)</td>
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<tr>
<td>Tapered Wheel</td>
<td>A-CK360</td>
<td>120</td>
<td>1/2 (13) x 1/8 (3.2)</td>
<td>1-3/4 (44.5)</td>
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<tr>
<td>Large Flat Taper</td>
<td>A-CK390</td>
<td>120</td>
<td>1/8 (3.2) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
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<td>Small Flat Taper</td>
<td>A-CK392</td>
<td>120</td>
<td>3/32 (2.35) x 3/16 (4.8)</td>
<td>1-3/4 (44.5)</td>
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<tr>
<td>Round Top Taper</td>
<td>A-CK396</td>
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<td>1/8 (3.2) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Round Top Taper</td>
<td>A-CK398</td>
<td>80</td>
<td>1/8 (3.2) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
</tbody>
</table>

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 Made in USA. 45,000 RPM Max Speed

Smaller heads:
1/8” (3.18 mm) shank mounted points $3.74 each

<table>
<thead>
<tr>
<th>Shape</th>
<th>Part No.</th>
<th>Grit</th>
<th>Head “Diameter x Length”</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Ball</td>
<td>A-CX300</td>
<td>80</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
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<tr>
<td>Medium Ball</td>
<td>A-CX801</td>
<td>120</td>
<td>3/16 (4.8) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Small Ball</td>
<td>A-CX802</td>
<td>80</td>
<td>1/8 (3.2) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Flame</td>
<td>A-CX818</td>
<td>80</td>
<td>5/32 (3.9) x 3/8 (9.5)</td>
<td>1-7/8 (47.6)</td>
</tr>
<tr>
<td>Small Ball</td>
<td>A-CX832</td>
<td>120</td>
<td>1/8 (6.4) x 1/8 (6.4)</td>
<td>1-5/8 (41.3)</td>
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<tr>
<td>Flat Taper</td>
<td>A-CX897</td>
<td>120</td>
<td>3/32 (2.35) x 3/8 (9.5)</td>
<td>1-7/8 (47.6)</td>
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<tr>
<td>Small Cylinder</td>
<td>A-CX8144</td>
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<td>1/8 (3.2) x 1/4 (6.4)</td>
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</tr>
</tbody>
</table>

Larger heads:
1/8” (3.18 mm) shank mounted points $4.35 each

<table>
<thead>
<tr>
<th>Shape</th>
<th>Part No.</th>
<th>Grit</th>
<th>Head “Diameter x Length”</th>
<th>Overall Length</th>
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</thead>
<tbody>
<tr>
<td>Pear</td>
<td>A-CX8112</td>
<td>120</td>
<td>3/8 (9.5) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
</tr>
<tr>
<td>Ball Nose</td>
<td>A-CX890</td>
<td>80</td>
<td>1/2 (13) x 1/2 (13)</td>
<td>2 (50.8)</td>
</tr>
<tr>
<td>Tree</td>
<td>A-CX852</td>
<td>120</td>
<td>3/8 (9.5) x 3/4 (19)</td>
<td>2-5/16 (48.7)</td>
</tr>
<tr>
<td>Long Cylinder</td>
<td>A-CX8154</td>
<td>80</td>
<td>3/16 (4.8) x 1/2 (13)</td>
<td>2 (50.8)</td>
</tr>
<tr>
<td>Medium Cylinder</td>
<td>A-CX8175</td>
<td>80</td>
<td>3/8 (9.5) x 3/8 (9.5)</td>
<td>1-13/16 (46)</td>
</tr>
<tr>
<td>Cup</td>
<td>A-CX8132</td>
<td>120</td>
<td>3/8 (9.5) x 1/2 (13)</td>
<td>1-15/16 (49.2)</td>
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<tr>
<td>Flame</td>
<td>A-CX846</td>
<td>120</td>
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<td>1-5/16 (33.3)</td>
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<tr>
<td>Large Ball</td>
<td>A-CX8122</td>
<td>120</td>
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<td>1-7/8 (47.6)</td>
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<tr>
<td>Taper</td>
<td>A-CX844</td>
<td>120</td>
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<td>1-7/8 (47.6)</td>
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<tr>
<td>Wheel</td>
<td>A-CX8182</td>
<td>120</td>
<td>1/2 (13) x 1/8 (3.2)</td>
<td>1-3/4 (44.5)</td>
</tr>
</tbody>
</table>

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-CX8122 Large Ball Fine
A-CX8132 Cylinder Cup Med
A-CX8144 Small Cylinder Fine
A-CX8182 Wheel Fine
A-CX844 Taper Fine
A-CX852 Tree Fine
A-CX890 Ball Nose Med
A-CX897 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.L 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.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories
### Aluminum Oxide Abrasives

Made in USA. 35,000 RPM Max Speed  
Part Numbers and Prices are shown in red on each page.

#### Aluminum Oxide Mounted Points

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit</th>
<th>Color / Grit</th>
<th>Head &quot; (mm) Diameter x Length</th>
<th>Overall &quot; (mm) Length</th>
</tr>
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<tbody>
<tr>
<td>A-1 A-71</td>
<td>120</td>
<td>Red / Medium</td>
<td>1/8 (3.2) x 7/32 (5.6)</td>
<td>1-3/4 (44.5)</td>
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<tr>
<td>A-72</td>
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<td>White / Fine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-2 A-73</td>
<td>120</td>
<td>Red / Medium</td>
<td>5/16 (7.9) x 1/32 (7.9)</td>
<td>1-3/4 (44.5)</td>
</tr>
<tr>
<td>A-74</td>
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<td></td>
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<tr>
<td>A-3 A-75</td>
<td>120</td>
<td>Red / Medium</td>
<td>1/4 (6.4) x 1/12 (8.7)</td>
<td>1-7/8 (47.6)</td>
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<tr>
<td>A-76</td>
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<td>White / Fine</td>
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<td></td>
</tr>
<tr>
<td>A-4 A-77</td>
<td>100</td>
<td>Red / Medium</td>
<td>1/4 (6.4) x 1/4 (6.4)</td>
<td>1-7/8 (47.6)</td>
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<tr>
<td>A-78</td>
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<td></td>
</tr>
<tr>
<td>A-5 A-79</td>
<td>80</td>
<td>Red / Medium</td>
<td>1/4 (6.4) x 1/2 (13)</td>
<td>2 (50.8)</td>
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<td>A-80</td>
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<td></td>
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</tr>
<tr>
<td>A-6 A-81</td>
<td>80</td>
<td>Red / Medium</td>
<td>3/16 (4.8) x 17/32 (13.5)</td>
<td>2 (50.8)</td>
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<td>A-82</td>
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<tr>
<td>A-9 A-83</td>
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<td>3/8 (9.5) x 3/64 (1.2)</td>
<td>1-3/4 (44.5)</td>
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<td>A-84</td>
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<tr>
<td>A-10 A-85</td>
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<td>5/32 (4) x 7/32 (5.6)</td>
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<td>A-86</td>
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<td>A-11 A-87</td>
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<td>A-12 A-89</td>
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<td>A-90</td>
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<td>A-14 A-93</td>
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<td>1-3/4 (44.5)</td>
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<td>A-15 A-95</td>
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<td>5/64 (2.0) x 17/64 (6.7)</td>
<td>1-3/4 (44.5)</td>
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<td>A-16 A-97</td>
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<td>Red / Medium</td>
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<td>A-98</td>
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<td>A-17 A-99</td>
<td>80</td>
<td>Red / Medium</td>
<td>1/4 (6.4) x 9/32 (7.1)</td>
<td>1-13/16 (46)</td>
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<tr>
<td>A-100</td>
<td>400</td>
<td>White / Fine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-18 A-101</td>
<td>120</td>
<td>Red / Medium</td>
<td>1/8 (3.2) x 13/32 (10.3)</td>
<td>1-7/8 (47.6)</td>
</tr>
<tr>
<td>A-102</td>
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<td></td>
</tr>
<tr>
<td>A-19 A-103</td>
<td>120</td>
<td>Red / Medium</td>
<td>3/16 (4.8) x 5/32 (4)</td>
<td>1-11/16 (42.9)</td>
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<tr>
<td>A-104</td>
<td>400</td>
<td>White / Fine</td>
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</tr>
</tbody>
</table>

#### 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.

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**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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Head “ Diameter x Length</th>
<th>Grit</th>
</tr>
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<tr>
<td>Red Aluminum Oxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-RA11</td>
<td>1/4 x 7/64</td>
<td>120</td>
</tr>
<tr>
<td>A-RA12</td>
<td>3/16 x 3/16</td>
<td>100</td>
</tr>
<tr>
<td>A-RA21</td>
<td>1/4 x 5/16</td>
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<tr>
<td>Green Silicon Carbide</td>
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</tr>
<tr>
<td>A-RA31</td>
<td>1/8 x 1/4</td>
<td>150</td>
</tr>
<tr>
<td>A-RA41</td>
<td>1/4 x 7/64</td>
<td>150</td>
</tr>
<tr>
<td>for use with H.57A or H.57D ONLY</td>
<td></td>
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</tr>
<tr>
<td>A-RA42</td>
<td>3/16 x 3/16</td>
<td>120</td>
</tr>
<tr>
<td>for use with H.57A or H.57D ONLY</td>
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<td></td>
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</tbody>
</table>
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 (80-120 grit).

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.

Standard Plated Diamond Points listed below:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Length</th>
<th>Overall Length (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-PD20</td>
<td>$5.10</td>
<td>Wheel</td>
<td>5.8 x 2.0</td>
<td>39.7</td>
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<tr>
<td>A-PD12</td>
<td></td>
<td>Flame</td>
<td>1.6 x 9.0</td>
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</tr>
<tr>
<td>A-PD22</td>
<td></td>
<td>Flame</td>
<td>2.6 x 8.0</td>
<td></td>
</tr>
<tr>
<td>A-PD27</td>
<td></td>
<td>Inverted Cone</td>
<td>2.6 x 2.0</td>
<td></td>
</tr>
<tr>
<td>A-PD7</td>
<td></td>
<td>Inverted Cone</td>
<td>6.0 x 4.8</td>
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</tr>
<tr>
<td>A-PD3</td>
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<td>Ball</td>
<td>1.0 x .8</td>
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</tr>
<tr>
<td>A-PD4</td>
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<td>Ball</td>
<td>1.4 x 1.1</td>
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<td>1.6 x 1.4</td>
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</tr>
<tr>
<td>A-PD5</td>
<td></td>
<td>Ball</td>
<td>1.8 x 1.6</td>
<td></td>
</tr>
<tr>
<td>A-PD30</td>
<td></td>
<td>Ball</td>
<td>2.1 x 1.6</td>
<td></td>
</tr>
<tr>
<td>A-PD25</td>
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<td>Ball</td>
<td>2.6 x 2.0</td>
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<td>A-PD6</td>
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<td>Ball</td>
<td>3.3 x 2.7</td>
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</tr>
<tr>
<td>A-PD26</td>
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<td>Ball</td>
<td>4.3 x 3.8</td>
<td></td>
</tr>
<tr>
<td>A-PD2</td>
<td></td>
<td>Cylinder</td>
<td>1.2 x 5.0</td>
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</tr>
<tr>
<td>A-PD9</td>
<td></td>
<td>Cylinder</td>
<td>2.3 x 7.0</td>
<td></td>
</tr>
<tr>
<td>A-PD10</td>
<td></td>
<td>Cylinder</td>
<td>4.0 x 8.0</td>
<td></td>
</tr>
<tr>
<td>A-PD15</td>
<td></td>
<td>Taper</td>
<td>2.6 x 7.0</td>
<td></td>
</tr>
<tr>
<td>A-PD11</td>
<td></td>
<td>Cone</td>
<td>2.1 x 10.5</td>
<td></td>
</tr>
</tbody>
</table>

Use Foredom Oil MS10005 when working with metals.

MS10005 $4.68  Foredom Motor & Handpiece Oil in hypodermic dispenser, 1/4 oz.

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

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.
## Diamond Hones 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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Handle Color</th>
<th>Grit / description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-10342</td>
<td>$10.09</td>
<td>blue</td>
<td>1200 / Superfine</td>
</tr>
<tr>
<td>A-10343</td>
<td>10.09</td>
<td>red</td>
<td>600 / Fine</td>
</tr>
<tr>
<td>A-10344</td>
<td>10.09</td>
<td>purple</td>
<td>400 / Medium</td>
</tr>
<tr>
<td>A-10345</td>
<td>18.56</td>
<td>black</td>
<td>250 / Coarse</td>
</tr>
</tbody>
</table>

5-1/2” long Diamond Needle Files provide aggressive yet precise shaping on glass, metal, ceramics, marble, wood, plastics, stone, bone, etc.

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Head (in mm)</th>
<th>Overall Length (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-RC15</td>
<td>12.58</td>
<td>4.5 x 4.5</td>
<td>44.5</td>
</tr>
<tr>
<td>A-RC19</td>
<td>12.58</td>
<td>3.3 x 8.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC20</td>
<td>12.58</td>
<td>4.0 x 10.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC11C</td>
<td>15.29</td>
<td>8.5 x 16.0</td>
<td>50.8</td>
</tr>
<tr>
<td>A-RC13C</td>
<td>15.29</td>
<td>6.5 x 19.0</td>
<td>54.0</td>
</tr>
<tr>
<td>A-RC14C</td>
<td>15.29</td>
<td>7.5 x 7.5</td>
<td>44.5</td>
</tr>
<tr>
<td>A-RC15C</td>
<td>15.29</td>
<td>7.5 x 12.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC16C</td>
<td>15.29</td>
<td>6.5 x 12.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC32C</td>
<td>15.29</td>
<td>5.5 x 10.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC34C</td>
<td>15.29</td>
<td>5.5 x 10.0</td>
<td>47.6</td>
</tr>
<tr>
<td>A-RC36C</td>
<td>15.29</td>
<td>5.5 x 13.0</td>
<td>47.6</td>
</tr>
</tbody>
</table>

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”

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Long</th>
<th>Multi-Pack Quantity / Price</th>
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</thead>
<tbody>
<tr>
<td>A-MP308-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP315-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP329-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP343-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP357-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP371-24</td>
<td>Cylinder</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP184-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack / $27.06</td>
</tr>
<tr>
<td>A-MP378-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
<td>12 pack / $10.82</td>
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<tr>
<td>A-MP205-12</td>
<td>Wheel</td>
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<td>12 pack / $10.82</td>
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### Medium

<table>
<thead>
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<th>Shape</th>
<th>Head (in mm) Diameter x Long</th>
<th>Multi-Pack Quantity / Price</th>
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</thead>
<tbody>
<tr>
<td>A-MP311-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP318-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP332-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP346-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP360-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP374-24</td>
<td>Cylinder</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP187-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack / $27.06</td>
</tr>
<tr>
<td>A-MP381-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
<td>12 pack / $10.82</td>
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<tr>
<td>A-MP208-12</td>
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<td>12 pack / $10.82</td>
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### Extra Fine

<table>
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<tr>
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<th>Multi-Pack Quantity / Price</th>
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</thead>
<tbody>
<tr>
<td>A-MP310-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP317-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack / $21.63</td>
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<tr>
<td>A-MP331-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP345-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP359-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP373-24</td>
<td>Cylinder</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP186-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack / $27.06</td>
</tr>
<tr>
<td>A-MP380-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
<td>12 pack / $10.82</td>
</tr>
<tr>
<td>A-MP207-12</td>
<td>Wheel</td>
<td>12 x 2</td>
<td>12 pack / $10.82</td>
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### Coarse

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<th>Shape</th>
<th>Head (in mm) Diameter x Long</th>
<th>Multi-Pack Quantity / Price</th>
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</thead>
<tbody>
<tr>
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<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP319-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP333-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP347-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP361-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack / $21.63</td>
</tr>
<tr>
<td>A-MP375-24</td>
<td>Cylinder</td>
<td>8 x 20</td>
<td>24 pack / $27.06</td>
</tr>
<tr>
<td>A-MP188-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack / $27.06</td>
</tr>
<tr>
<td>A-MP382-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
<td>12 pack / $10.82</td>
</tr>
<tr>
<td>A-MP209-12</td>
<td>Wheel</td>
<td>12 x 2</td>
<td>12 pack / $10.82</td>
</tr>
</tbody>
</table>
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

**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

Sold in Multi-Packs as listed.

### Extra Coarse

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Long</th>
<th>Multi-Pack</th>
<th>Quantity / Price</th>
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</thead>
<tbody>
<tr>
<td>A-MP313-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP320-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP334-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP348-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack</td>
<td>$27.06</td>
</tr>
<tr>
<td>A-MP362-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP376-24</td>
<td>Cylinder</td>
<td>8 x 20</td>
<td>24 pack</td>
<td>$27.06</td>
</tr>
<tr>
<td>A-MP189-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack</td>
<td>$27.06</td>
</tr>
<tr>
<td>A-MP383-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
<td>12 pack</td>
<td>$10.82</td>
</tr>
<tr>
<td>A-MP210-12</td>
<td>Wheel</td>
<td>12 x 2</td>
<td>12 pack</td>
<td>$10.82</td>
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### Ultra Coarse

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Long</th>
<th>Multi-Pack</th>
<th>Quantity / Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-MP314-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP321-24</td>
<td>Flame</td>
<td>4 x 12</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP335-24</td>
<td>Flame</td>
<td>8 x 18</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
<tr>
<td>A-MP349-24</td>
<td>Ball Nose Taper</td>
<td>8 x 20</td>
<td>24 pack</td>
<td>$27.06</td>
</tr>
<tr>
<td>A-MP363-24</td>
<td>Flat Top Taper</td>
<td>6 x 16</td>
<td>24 pack</td>
<td>$21.63</td>
</tr>
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<td>A-MP377-24</td>
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<td>A-MP190-12</td>
<td>Ball Nose</td>
<td>13 x 18</td>
<td>12 pack</td>
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</tr>
<tr>
<td>A-MP385-12</td>
<td>Knife Edge Wheel</td>
<td>12 x 0.8</td>
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<tr>
<td>A-MP211-12</td>
<td>Wheel</td>
<td>12 x 2</td>
<td>12 pack</td>
<td>$10.82</td>
</tr>
</tbody>
</table>

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 3.5 mm (.137") thick** | **1/16” Arbor Hole** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SW237-50</td>
<td>Fine</td>
<td>10,000 RPM Max. Speed</td>
<td></td>
</tr>
<tr>
<td>A-SW235-50</td>
<td>Medium</td>
<td>1/16” arbor mandrels for silicone bonded abrasive discs</td>
<td></td>
</tr>
<tr>
<td>A-SW233-50</td>
<td>Coarse</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Part No.** | **Grit** | **22 mm (.866") diameter x 3 mm (.118") thick** | **1/16” Arbor Hole** |
<table>
<thead>
<tr>
<th></th>
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<th></th>
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<tr>
<td>A-RWM-50</td>
<td>Medium</td>
<td>10,000 RPM Max. Speed</td>
<td></td>
</tr>
<tr>
<td>A-RWC-50</td>
<td>Coarse</td>
<td>1/16” arbor mandrels for rubber bonded abrasive discs</td>
<td></td>
</tr>
<tr>
<td>A-RWEC-50</td>
<td>Extra Coarse</td>
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<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Coarse</th>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Length</th>
<th>Multi-Pack Quantity / Price</th>
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<tbody>
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<td>Cylinder</td>
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<td>24 pack / $27.06</td>
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<td>5 x 16</td>
<td>24 pack / $27.06</td>
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<tr>
<td>A-MP050-24</td>
<td>Flame</td>
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<td>24 pack / $27.06</td>
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<td>A-MP053-24</td>
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<thead>
<tr>
<th>Extra Fine</th>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Length</th>
<th>Multi-Pack Quantity / Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-MP081-24</td>
<td>Cylinder</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP082-24</td>
<td>Cylinder</td>
<td>5 x 12</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP083-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $27.06</td>
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</tr>
<tr>
<td>A-MP084-24</td>
<td>Flame</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP087-24</td>
<td>Taper</td>
<td>6 x 16</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP088-24</td>
<td>Inverted Cone</td>
<td>9 x 8.5</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP092-12</td>
<td>Wheel</td>
<td>23 x 1</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP094-12</td>
<td>Wheel</td>
<td>15 x 2</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP097-12</td>
<td>Wheel</td>
<td>15 x 0.8</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fine</th>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Length</th>
<th>Multi-Pack Quantity / Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-MP064-24</td>
<td>Cylinder</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
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<tr>
<td>A-MP065-24</td>
<td>Cylinder</td>
<td>5 x 12</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP066-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $27.06</td>
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</tr>
<tr>
<td>A-MP067-24</td>
<td>Flame</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP070-24</td>
<td>Taper</td>
<td>6 x 16</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP071-24</td>
<td>Inverted Cone</td>
<td>9 x 8.5</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP075-12</td>
<td>Wheel</td>
<td>23 x 1</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP077-12</td>
<td>Wheel</td>
<td>15 x 2</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP080-12</td>
<td>Wheel</td>
<td>15 x 0.8</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ultra Fine</th>
<th>Part No.</th>
<th>Shape</th>
<th>Head (in mm) Diameter x Length</th>
<th>Multi-Pack Quantity / Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-MP098-24</td>
<td>Cylinder</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP099-24</td>
<td>Cylinder</td>
<td>5 x 12</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP100-24</td>
<td>Bullet</td>
<td>5 x 16</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP101-24</td>
<td>Flame</td>
<td>3 x 7</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP104-24</td>
<td>Taper</td>
<td>6 x 16</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP105-24</td>
<td>Inverted Cone</td>
<td>9 x 8.5</td>
<td>24 pack / $27.06</td>
<td></td>
</tr>
<tr>
<td>A-MP109-12</td>
<td>Wheel</td>
<td>23 x 1</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP111-12</td>
<td>Wheel</td>
<td>15 x 2</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
<tr>
<td>A-MP114-12</td>
<td>Wheel</td>
<td>15 x 0.8</td>
<td>12 pack / $13.51</td>
<td></td>
</tr>
</tbody>
</table>
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.

### Cut Off Wheels, Unmounted Abrasive Discs and Brushes

**Part No.** | **Price** | **Grit** | **Diameter x Thick”** | **Arbor Hole”** | **Max Speed RPM**
--- | --- | --- | --- | --- | ---
A-D1-5 | $2.29/5-pk | 90 | 7/8 x .023 | 1/16 | 30,000
A-D2-5 | $2.60/5-pk | 90 | 1-1/4 x .062 | 1/16 | 30,000
A-D6 | $1.61 | 60 | 1-1/4 x .050 | 1/16 | 40,000
A-D8 | $1.72 | 60 | 1-1/2 x .050 | 1/8 | 40,000
A-D9 | $1.87 | 60 | 2 x .050 | 1/8 | 40,000
A-D11 | $3.33 | 60 | 2 x .047 | 3/8 | 30,000

**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.
- 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.

**NEW**

### 2” Unmounted Nylon & Wire Brushes

*NEW* 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.

### 1” (25.4 mm) Unmounted Bristle and Wire Brushes

*NEW* 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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bristles</th>
<th>Pack Quantity / Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-UB11-50</td>
<td>White Goat</td>
<td>50-pack / $27.82</td>
</tr>
<tr>
<td>A-UB12-50</td>
<td>Black Chunking</td>
<td>50-pack / $27.83</td>
</tr>
<tr>
<td>A-UB13-50</td>
<td>Gray Horse</td>
<td>50-pack / $27.83</td>
</tr>
<tr>
<td>A-UB14-36</td>
<td>Brass</td>
<td>36-pack / $29.40</td>
</tr>
<tr>
<td>A-UB15-36</td>
<td>Steel</td>
<td>36-pack / $29.40</td>
</tr>
</tbody>
</table>
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.

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

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.

PRIMO® Diamond Plated Twist Drills $23.92/5-pack
Wire gauge sizes #36 – #65

PRIMO® Cobalt Steel Twist Drills
$13.62 / 10-pack
Wire gauge sizes #50 – #80

AK8100
6-pc. Diamond Plated Step Drill Set
$49.92
1 each: A-8110 - 1.0mm, A-8113 - 1.2mm, A-8114 - 1.4mm, A-8116 - 1.6mm, A-8118 - 1.8mm, A-8121 - 2.1mm (shown above)

PRIMO® Diamond Plated Step Drills
$8.11 each
10mm head length Balance, precision and consistent diamond coverage.

AK8400
3-Pc Set
$33.28
One of each Cobalt Steel Pilot Drill

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.

- 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.

Part No.    Diameter

Wire Gauge Size

Part No.    Diameter

Wire Gauge Size

Part No.    Diameter

Equivalent

Decimal " Equivalent

Metric (mm) Equivalent

80
.0135
.043
79
.0145
.038
78
.0160 (1/64)
.040
77
.0180
.045
76
.0200
.050
75
.0210
.053
74
.0225
.057
73
.0240
.060
72
.0250
.063
71
.0260
.060
70
.0280
.071
69
.0292
.074
68
.0310
.078
67
.0320 (1/32)
.083
66
.0330
.086
65
.0350
.089
64
.0360
.094
63
.0370
.090
62
.0380
.096
61
.0390
.099
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
46
.0820
2.083
45
.0980
2.489
40
.1065
2.705

3/32" Shank A-CD1

1/8" Shank A-CD3

1/16" Shank A-CD1

3/16" Shank A-CD2

1/4" Shank A-CD3
Miniature Carbide Burs
Made in Germany and Belgium.
100,000 RPM Max Speed

2.35 mm (3/32”) Shank  $5.41 - $8.30 each

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Price Each</th>
<th>Head (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-203</td>
<td>Taper</td>
<td>$5.41</td>
<td>1.19 x 4.37</td>
</tr>
<tr>
<td>A-208</td>
<td>Inverted Cone</td>
<td>$5.41</td>
<td>1.6 x 1.6</td>
</tr>
<tr>
<td>A-240</td>
<td>Inverted Cone</td>
<td>$5.41</td>
<td>2.35 x 1.6</td>
</tr>
<tr>
<td>A-204</td>
<td>Cylinder</td>
<td>$5.41</td>
<td>1.6 x 4.37</td>
</tr>
<tr>
<td>A-207</td>
<td>Cylinder</td>
<td>$5.41</td>
<td>1.6 x 4.37</td>
</tr>
<tr>
<td>A-205</td>
<td>Ball Nose</td>
<td>$5.41</td>
<td>1.19 x 3.97</td>
</tr>
<tr>
<td>A-206</td>
<td>Ball Nose Cut</td>
<td>$5.41</td>
<td>1.6 x 3.97</td>
</tr>
<tr>
<td>A-TR-5C</td>
<td>Tree Point Cross Cut</td>
<td>$5.41</td>
<td>2.35 x 6.35</td>
</tr>
</tbody>
</table>

Cross Cut

Part  Price  Head (in mm)
No.  Each     Diameter x Length
A-212 $8.63  0.2
A-213 $8.63  0.3
A-214 $5.41  0.4
A-215 $5.41  0.5
A-216 $5.41  0.6
A-217 $5.41  0.7
A-201 $5.41  0.8
A-219 $5.41  0.9
A-220 $5.41  1.0
A-222 $5.41  1.2
A-224 $5.41  1.4
A-226 $5.41  1.6
A-228 $5.41  1.8
A-230 $5.41  2.1
A-202 $5.41  2.35

Carbide Ball Shape Burs  1-9/16” Overall Length

Part  Price  Head (in mm)
No.  Each    Diameter
A-212 $8.63    0.2
A-213 $8.63    0.3
A-214 $5.41    0.4
A-215 $5.41    0.5
A-216 $5.41    0.6
A-217 $5.41    0.7
A-201 $5.41    0.8
A-219 $5.41    0.9
A-220 $5.41    1.0
A-222 $5.41    1.2
A-224 $5.41    1.4
A-226 $5.41    1.6
A-228 $5.41    1.8
A-230 $5.41    2.1
A-202 $5.41    2.35

**AK212**  15-Pc Kit  $81.12

**AK211**  7-Pc Kit  $37.44

High Speed Steel Fluted Engraving Burs
Made in Switzerland.  100,000 RPM Max Speed

2.35 mm (3/32") Shank  $1.56 each

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Price Each</th>
<th>Head (°mm) Diameter x Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-R2</td>
<td>Ball</td>
<td>$1.56</td>
<td>1/32” / .79 mm</td>
</tr>
<tr>
<td>A-R5</td>
<td>Ball</td>
<td>$1.56</td>
<td>1/16” / 1.6 mm</td>
</tr>
<tr>
<td>A-R7</td>
<td>Ball</td>
<td>$1.56</td>
<td>3/32” / 2.35 mm</td>
</tr>
<tr>
<td>A-P3</td>
<td>Inverted Cone</td>
<td>$1.56</td>
<td>1/32” x 3/64” / .79 x 1.19 mm</td>
</tr>
<tr>
<td>A-P7</td>
<td>Inverted Cone</td>
<td>$1.56</td>
<td>3/32” x 5/64” / 2.35 x 1.98 mm</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Material</th>
<th>1mm (1/16”) Drill</th>
<th>2.35mm (3/32”) Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7,000-8,000</td>
<td>5,000-6,000</td>
</tr>
<tr>
<td>Mild Steel</td>
<td>3,000-3,500</td>
<td>2,000-3,000</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>1,000-2,000</td>
<td>500-1,000</td>
</tr>
<tr>
<td>Brass, Silver, Copper</td>
<td>5,500-6,500</td>
<td>4,000-5,000</td>
</tr>
</tbody>
</table>

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.

Assorted Shape Miniature Carbide Bur Kits
Packed in Round Bur Stand with Clear Cover

**AK210**  14-Pc Kit  $72.80

**AK200**  8-Pc Kit  $41.60
Miniature Carbide Burs
Made in Germany and Belgium.
100,000 RPM Max Speed

---

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Head Diameter x Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-7104</td>
<td>$10.09</td>
<td>3/16 x 3/16</td>
<td>1-7/16</td>
</tr>
<tr>
<td>A-7106</td>
<td>11.34</td>
<td>5/16 x 5/16</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-7112</td>
<td>8.84</td>
<td>1/8 x 1/4</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-7113</td>
<td>11.34</td>
<td>5/16 x 3/8</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-7122</td>
<td>11.34</td>
<td>5/16 x 13/32</td>
<td>1-7/16</td>
</tr>
<tr>
<td>A-7143</td>
<td>13.31</td>
<td>1/4 x 15/32</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-7145</td>
<td>11.34</td>
<td>3/8 x 9/16</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-7153</td>
<td>13.31</td>
<td>3/8 x 1/16</td>
<td>1-1/2</td>
</tr>
</tbody>
</table>

---

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Shape</th>
<th>Head Diameter x Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-B-1</td>
<td>$11.86</td>
<td>Ball</td>
<td>1/8 x 1/8</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-B-2</td>
<td>16.85</td>
<td>Ball</td>
<td>1/4 x 1/4</td>
<td>1-3/4</td>
</tr>
<tr>
<td>A-CO-2</td>
<td>11.86</td>
<td>Cone</td>
<td>1/8 x 5/8</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-CO-3</td>
<td>16.85</td>
<td>Cone</td>
<td>1/4 x 5/8</td>
<td>2-1/8</td>
</tr>
<tr>
<td>A-CP-1</td>
<td>11.86</td>
<td>Cylinder Square</td>
<td>3/32 x 7/16</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-CP-2</td>
<td>11.86</td>
<td>Cylinder Square</td>
<td>1/8 x 9/16</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-CP-3</td>
<td>16.85</td>
<td>Cylinder Square</td>
<td>1/4 x 1/2</td>
<td>2</td>
</tr>
<tr>
<td>A-CR-1</td>
<td>11.86</td>
<td>Cylinder Radius</td>
<td>3/32 x 7/16</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-CR-2</td>
<td>11.86</td>
<td>Cylinder Radius</td>
<td>1/8 x 9/16</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-CR-3</td>
<td>16.85</td>
<td>Cylinder Radius</td>
<td>1/4 x 1/2</td>
<td>2</td>
</tr>
<tr>
<td>A-F-1</td>
<td>11.86</td>
<td>Flame</td>
<td>1/8 x 1/4</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-IC-1</td>
<td>11.86</td>
<td>Inverted Cone</td>
<td>1/8 x 3/16</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-IC-2</td>
<td>16.85</td>
<td>Inverted Cone</td>
<td>1/4 x 1/4</td>
<td>1-3/4</td>
</tr>
<tr>
<td>A-OV-1</td>
<td>11.86</td>
<td>Oval</td>
<td>1/8 x 7/32</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-OV-2</td>
<td>16.85</td>
<td>Oval</td>
<td>1/4 x 3/8</td>
<td>1-7/8</td>
</tr>
<tr>
<td>A-TP-1</td>
<td>11.86</td>
<td>Tree Point</td>
<td>1/8 x 1/4</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-TP-2</td>
<td>11.86</td>
<td>Tree Point</td>
<td>1/8 x 3/8</td>
<td>1-9/16</td>
</tr>
<tr>
<td>A-TP-3</td>
<td>16.85</td>
<td>Tree Point</td>
<td>1/4 x 1/2</td>
<td>2</td>
</tr>
<tr>
<td>A-TR-2</td>
<td>11.86</td>
<td>Tree Radius</td>
<td>1/8 x 1/2</td>
<td>1-1/2</td>
</tr>
<tr>
<td>A-TR-3</td>
<td>16.85</td>
<td>Tree Radius</td>
<td>1/4 x 1/2</td>
<td>2</td>
</tr>
</tbody>
</table>

---

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-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.

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-6624 Tree Point $13.52
1/8" diameter, 80 grit. Ideal for drilling in curved surfaces and for detail work in carving, modelling and general crafts.

DuraGrit
**2.35 mm (3/32”) shank, Blue Grit – Fine**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Diameter x Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-KB32315</td>
<td>Ball</td>
<td>5/16 x 5/16</td>
<td>1-7/16</td>
</tr>
<tr>
<td>A-KB32119</td>
<td>Long Taper</td>
<td>3/16 x 3/4</td>
<td>2</td>
</tr>
<tr>
<td>A-KB32915</td>
<td>Taper</td>
<td>7/16 x 5/8</td>
<td>1-3/4</td>
</tr>
<tr>
<td>A-KB32519</td>
<td>Cylinder</td>
<td>5/16 x 1/2</td>
<td>1-3/4</td>
</tr>
<tr>
<td>A-KB32719</td>
<td>Ball Nose</td>
<td>5/16 x 1/2</td>
<td>1-13/16</td>
</tr>
<tr>
<td>A-KB32913</td>
<td>Flame</td>
<td>5/16 x 1/2</td>
<td>1-3/4</td>
</tr>
<tr>
<td>A-KB32415</td>
<td>Bud</td>
<td>5/16 x 3/4</td>
<td>1-7/8</td>
</tr>
</tbody>
</table>

**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.

**AKHK84 4-Pc Typhoon Kit $77**

1/8” (3.18mm) shanks: A-KB18119, A-KB18834, A-KB18835 and A-KB18151

**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.

**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.
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.

For use on M.BL and other bench lathes:
Sanding Sleeves for 1/4” or 6 mm mandrels

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
<th>Shape</th>
<th>Head &quot; Diameter x Length &quot;</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-KB14114</td>
<td>$20.50</td>
<td>Taper 5°</td>
<td>5/16 x 1-1/2</td>
<td>2-13/16</td>
</tr>
<tr>
<td>A-KB14115</td>
<td>28.00</td>
<td>Taper 15°</td>
<td>13/16 x 1-3/8</td>
<td>2-1/2</td>
</tr>
<tr>
<td>A-KB14158</td>
<td>20.50</td>
<td>Taper 15°</td>
<td>9/16 x 1</td>
<td>2-3/8</td>
</tr>
<tr>
<td>A-KB14198</td>
<td>28.00</td>
<td>Taper 5°</td>
<td>13/16 x 1-1/4 (9/16)</td>
<td>2-1/2</td>
</tr>
<tr>
<td>A-KB14534</td>
<td>28.00</td>
<td>Cylinder</td>
<td>13/16 x 1-1/4</td>
<td>2-1/2</td>
</tr>
<tr>
<td>A-KB14535</td>
<td>23.20</td>
<td>Cylinder</td>
<td>9/16 x 1-1/4</td>
<td>2-1/2</td>
</tr>
<tr>
<td>A-KB14533</td>
<td>20.40</td>
<td>Cylinder smooth end</td>
<td>9/16 x 3/4</td>
<td>2</td>
</tr>
<tr>
<td>A-KB14522</td>
<td>20.40</td>
<td>Cylinder smooth end</td>
<td>9/16 x 3/4</td>
<td>2</td>
</tr>
</tbody>
</table>

AK490 3-Pc Typhoon Kit $71
1/4” shanks: A-KB14779 - large flame, A-KB14712 - small ball nose, and A-KB14533 - smooth end cylinder.
Use 3M Flexible Diamond Abrasives to grind, sand and smooth: glass, carbide, composite, plastic, enamels, stone, steel, exotic alloys, gypsum, ceramics, wood, bone, chrome coated, 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**

<table>
<thead>
<tr>
<th>Micron Grade</th>
<th>Grit</th>
<th>Individual Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>60</td>
<td>A-4812</td>
<td>$10.82</td>
</tr>
<tr>
<td>125</td>
<td>120</td>
<td>A-4813</td>
<td>$9.26</td>
</tr>
<tr>
<td>74</td>
<td>220</td>
<td>A-4814</td>
<td>$9.26</td>
</tr>
<tr>
<td>40</td>
<td>400</td>
<td>A-4817</td>
<td>$9.26</td>
</tr>
<tr>
<td>20</td>
<td>800</td>
<td>A-4818</td>
<td>$9.26</td>
</tr>
</tbody>
</table>

5-Pc Assortment (1 each grit) AK4810 $49.92

1/2" D x 1/2" L (13 x 13 mm)

<table>
<thead>
<tr>
<th>Micron Grade</th>
<th>Grit</th>
<th>Individual Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>60</td>
<td>A-4822</td>
<td>$13.62</td>
</tr>
<tr>
<td>125</td>
<td>120</td>
<td>A-4823</td>
<td>$12.48</td>
</tr>
<tr>
<td>74</td>
<td>220</td>
<td>A-4824</td>
<td>$11.23</td>
</tr>
<tr>
<td>40</td>
<td>400</td>
<td>A-4827</td>
<td>$10.40</td>
</tr>
<tr>
<td>20</td>
<td>800</td>
<td>A-4828</td>
<td>$10.40</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Micron Grade</th>
<th>Grit</th>
<th>Individual Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>60</td>
<td>A-5752</td>
<td>$17.99</td>
</tr>
<tr>
<td>125</td>
<td>120</td>
<td>A-5753</td>
<td>$14.46</td>
</tr>
<tr>
<td>74</td>
<td>220</td>
<td>A-5754</td>
<td>$12.27</td>
</tr>
<tr>
<td>40</td>
<td>400</td>
<td>A-5756</td>
<td>$10.09</td>
</tr>
<tr>
<td>20</td>
<td>800</td>
<td>A-5758</td>
<td>$10.09</td>
</tr>
</tbody>
</table>

5-Pc Assortment (1 each grit) AK5750 $60.06

Use Mandrels: A-SD324 or A-SD184 with Handpiece

3M Sanding Bands and Discs Made in USA

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**

<table>
<thead>
<tr>
<th>Max. Speed</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>40,000 RPM</td>
<td>A-4402</td>
<td>$2.08</td>
</tr>
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</table>

Use Mandrels: A-SD324 or A-SD184 with Handpiece

<table>
<thead>
<tr>
<th>1/2&quot; D x 1/2&quot; L (13 x 13 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40,000 RPM</td>
</tr>
</tbody>
</table>

Use Mandrels: A-SD328 or A-SD188 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.

**Discs**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; (19 mm) PSA Pressure Sensitive Adhesive Disc</td>
<td>A-4406</td>
<td>$1.35</td>
</tr>
</tbody>
</table>

Use Disc Mandrels: A-M4 with Handpiece

**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-S is also needed.

Angle Grinder: Mount with Velcro® Hook Disc Mandrel & Velcro® Loop Disc, see pages 72-76.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories

FOREDOM® FOREDOM ELECTRIC CO. www.foredom.net
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, fiberglass, 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

<table>
<thead>
<tr>
<th>Grit</th>
<th>10-Pack Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>A-4912-10</td>
<td>$5.10</td>
</tr>
<tr>
<td>80</td>
<td>A-4913-10</td>
<td>_</td>
</tr>
<tr>
<td>120</td>
<td>A-4914-10</td>
<td>_</td>
</tr>
<tr>
<td>220</td>
<td>A-4916-10</td>
<td>_</td>
</tr>
<tr>
<td></td>
<td>12-Pc Assortment AK4910</td>
<td>$6.03</td>
</tr>
</tbody>
</table>

Use Mandrels: A-SD324 or A-SD184 with Handpiece

<table>
<thead>
<tr>
<th>Grit</th>
<th>10 Packs Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>A-4672-10 $4.05</td>
</tr>
<tr>
<td>80</td>
<td>A-4673-10 $4.30</td>
</tr>
<tr>
<td>120</td>
<td>A-4674-10 $4.78</td>
</tr>
<tr>
<td>180</td>
<td>A-4675-10 $5.10</td>
</tr>
<tr>
<td>240</td>
<td>A-4676-10 $5.45</td>
</tr>
<tr>
<td>320</td>
<td>A-4677-10 $5.65</td>
</tr>
<tr>
<td>600</td>
<td>A-4678-10 $6.45</td>
</tr>
</tbody>
</table>

### Mandrels

- **A-CH-5 Collet**
- **A-M34 Disc Mandrel**
- **AK4910 Ceramic Purple Sanding Band**

Use these bands and discs for sanding and finishing wood, metals, fiberglass, diestone, plastics, and other materials. 3M’s Cubitron 3M Ceramic Purple Abrasives last 2 to 4 times longer than aluminum oxide. Made in USA.

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

<table>
<thead>
<tr>
<th>Grit</th>
<th>3/16” thick (1 each of 4 grits) Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>A-FW-1C $3.12</td>
</tr>
<tr>
<td>80</td>
<td>A-FW-1M $3.84</td>
</tr>
<tr>
<td>120</td>
<td>A-FW-1F $4.30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grit</th>
<th>3/8” thick (1 each of 4 grits) Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>A-FW-2C $4.05</td>
</tr>
<tr>
<td>80</td>
<td>A-FW-2M $5.10</td>
</tr>
<tr>
<td>120</td>
<td>A-FW-2F $5.65</td>
</tr>
</tbody>
</table>

Use 3” Discs with A-M34 Disc Mandrel and A-CHA-5 Collet Holder on M.BL Bench Lathe.
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.

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

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>10-pack</th>
<th>Grit</th>
<th>Part No.</th>
<th>10-pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>220</td>
<td>A-4733-10</td>
<td></td>
<td>1,200</td>
<td>A-4737-10</td>
<td></td>
</tr>
<tr>
<td>400</td>
<td>A-4735-10</td>
<td>2,500</td>
<td>4,000</td>
<td>A-4738-10</td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>A-4736-10</td>
<td></td>
<td>4,000</td>
<td>A-4738-10</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>Grit</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>A-5943</td>
<td>1,200</td>
<td>A-5946</td>
</tr>
<tr>
<td>600</td>
<td>A-5944</td>
<td>2,500</td>
<td>A-5948</td>
</tr>
</tbody>
</table>

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 or 20 per grade or a 6-pc assortment.

<table>
<thead>
<tr>
<th>Micron Grade</th>
<th>Grit / Color</th>
<th>Abrasive</th>
<th>Part No.</th>
<th>Price/10-Pk</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1000 / White</td>
<td>Aluminum Oxide</td>
<td>A-37941</td>
<td>$24.44</td>
</tr>
<tr>
<td>2</td>
<td>6000 / Aqua</td>
<td>Aluminum Oxide</td>
<td>A-37942</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>4000 / Pink</td>
<td>Aluminum Oxide</td>
<td>A-37943</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>1200 / Lt. Blue</td>
<td>Aluminum Oxide</td>
<td>A-37944</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>800 / Gray</td>
<td>Silicon Carbide</td>
<td>A-37945</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>400 / Green</td>
<td>Silicon Carbide</td>
<td>A-37946</td>
<td></td>
</tr>
</tbody>
</table>

6-Pc Assortment (1 each grade) A-37948 $14.56 each

Super Bond Film Tape 1” x 36 Yards Use for making belts for hand sanders A-37959 $31.15 each
NEW Sanding Accessories

37-772 holds sandpaper 1/2” or 5/8” 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.

37-752 holds sandpaper 1” wide

1/2” wide Cloth Backed Sandpaper for 37-772
Sanding Stick $6.24/10-pk
37-786 80 coarse
37-787 120 medium
37-788 180 fine
37-789 220 extra fine
37-785 400 ultra fine
37-782 Assortment $6.24 2 each of above

1/2” wide Cloth Backed Sandpaper for 37-752
Sanding Stick $7.38/10-pk
37-766 80 coarse
37-767 120 medium
37-768 180 fine
37-769 220 extra fine
37-765 400 ultra fine
37-762 Assortment $7.80 2 each of above

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 | A-SR180-12 | $16.24
220 | A-SR220-12 | 16.24
240 | A-SR240-12 | 16.24
280 | A-SR280-12 | 16.24
320 | A-SR320-12 | 16.24
400 | A-SR400-12 | 16.24
600 | A-SR600-12 | 16.24
800 | A-SR800-12 | 17.85
1000 | A-SR1000-12 | 17.85
1200 | A-SR1200-12 | 17.85
1500 | A-SR1500-12 | 18.94
2000 | A-SR2000-12 | 27.06
2500 | A-SR2500-12 | 27.06
3000 | A-SR3000-12 | 35.18
5000 | A-SR5000-12 | 35.18

A-SS26 Round
8” long 1/4” x 3/16”

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 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.

$12.00 each
- A-94432  800
- A-94433  400-280
- A-94434  240-180
- A-94435  120-80

$14.00 each
- A-94422  800
- A-94423  400-280
- A-94424  240-180
- A-94425  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**
22 mm diameter (.866”)
25,000 RPM Max Speed
5,000 - 8,000 RPM Optimum Speed
Made in Germany
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 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.

**Unitized Mounted Points**
20,000 RPM Max Speed
Made in USA
Made of pressed, non-woven, tough abrasive nylon fibers with aluminum oxide grain for surface blending, preparation, finishing and light deburring. 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

**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 Diameter x Long
A-5528-12 Coarse Light Red 1/2” x 1/2”
A-5527-12 Medium Red 1-7/8” overall length
A-5526-12 Extra Fine Green 2-1/8” overall length

$13.51 12 packs of each grit
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.

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.
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.

NEW Multi Packs Medium Density Mounted Felt Bobs
10,000 RPM Max Speed
Overall length of 2" (50.8 mm).

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.

25,000 RPM Max Speed

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.
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, acryl, 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Density</th>
<th>Price Each</th>
<th>Head Diameter x Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M51M</td>
<td>M</td>
<td>$3.12</td>
<td>1/2” x 1”</td>
</tr>
<tr>
<td>A-M53M</td>
<td>M</td>
<td>$3.12</td>
<td>1/2” x 1”</td>
</tr>
<tr>
<td>A-M54M</td>
<td>M</td>
<td>$3.12</td>
<td>1/2” x 3/4”</td>
</tr>
<tr>
<td>A-M56M</td>
<td>M</td>
<td>$3.12</td>
<td>1/2” x 1/2”</td>
</tr>
<tr>
<td>A-MP1M</td>
<td>M</td>
<td>$1.66</td>
<td>1/4” x 1/4”</td>
</tr>
<tr>
<td>A-MP4M</td>
<td>M</td>
<td>$1.77</td>
<td>3/8” x 1/2”</td>
</tr>
<tr>
<td>A-MP5M</td>
<td>M</td>
<td>$1.98</td>
<td>1/2” x 1/2”</td>
</tr>
<tr>
<td>A-MP8M</td>
<td>M</td>
<td>$3.12</td>
<td>3/4” x 3/4”</td>
</tr>
</tbody>
</table>

Select the right compound, for the material being worked to produce the desired finish. Polishing compounds come in standard size bars.

NEW
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

NEW
Zirconia Polishing Compound

Larger brushes and buffs for use with compounds are on page 78–81.
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 Jewlers 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

220 grit/red
A-4523-6

400 grit/blue
A-4524-6

Pumice
(1,200 grit) pink
A-4526-6

6 micron
(3,000 grit) peach
A-4527-6

1 micron
(14,000 grit) light green
A-4528-6

9/16” Assortment Kit
with Mandrel
AK4520 37-pc Kit $66.98
6 discs each of 120, 220, 400, Pumice, 6 micron, and 1 micron + A-M1 mandrel (3/32”)

1/16” arbor mandrels
for 9/16” and 3/4” discs
see page 70

1/16” Arbor Mandrels
A-M1 3/32” Shank
A-M6 1/8” Shank
A-M15 1/8” Shank
A-M14 1/8” Shank
A-M20 1/8” Shank

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

3/4” diameter
with 1/16” arbor hole
6-Pk $11.23

80 grit/yellow
A-4511-6
120 grit/white
A-4512-6
220 grit/red
A-4513-6
400 grit/blue
A-4514-6

6 micron
(3,000 grit) peach
A-4517-6
1 micron
(14,000 grit) light green
A-4518-6

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

36 grit/brown
C-4532-6
50 grit/green
A-4533-6
80 grit/yellow
A-4534-6

3/4” diameter
with 1/8” arbor hole
6-Pk $14.14

400 grit/blue
A-4534-6
6 micron
(3,000 grit) peach
A-4537-6
1 micron
(14,000 grit) light green
A-4538-6

6 micron
(3,000 grit) peach
A-4517-6
1 micron
(14,000 grit) light green
A-4518-6

68
Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories  FOREDOM®  FOREDOM ELECTRIC CO.  www.foredom.net
3M Scotch-Brite® Radial Bristle Discs – 2” and 3” 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

2” diameter 6-Pk $24.75

3” diameter 6-Pk $33.75

with Bench Lathe:
A-4561 Right Side
Black Tapered Spindle Adapter

A-4562 Left Side
Grey Tapered Spindle Adapter

A-M30 Flat Head
A-M31 Screw

with 2” Angle Grinder:
A-69212 Short Hub
A-69212L Long Hub

6 Micron 3,000 grit peach
A-4547-6

1 Micron 14,000 grit light green
A-4548-6

220 grit red
A-4544-6

400 grit blue
A-4545-6

Pumice 1,200 grit pink
A-4546-6

1 Micron 14,000 grit light green
A-4558-6

80 grit yellow
A-4542-6

120 grit white
A-4543-6

220 grit red
A-4554-6

400 grit blue
A-4555-6

Pumice 1,200 grit pink
A-4556-6

1 Micron 14,000 grit light green
A-4558-6

with 3/8” arbor hole.
Screw, Tapered, Split Mandrels & Adapters

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank *</th>
<th>Arbor Hole Capacity</th>
<th>Overall Length</th>
<th>Head Diameter</th>
<th>Price Each</th>
<th>Max Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M1</td>
<td>3/32</td>
<td>1/16</td>
<td>1-3/4</td>
<td>3/16</td>
<td>$1.35</td>
<td>40,000</td>
</tr>
<tr>
<td>A-M10</td>
<td>3/32</td>
<td>1/16</td>
<td>7/8</td>
<td>3/16</td>
<td>1.98</td>
<td>30,000</td>
</tr>
<tr>
<td>A-M13</td>
<td>3/32</td>
<td>1/16</td>
<td>1-7/8</td>
<td>5/16</td>
<td>2.50</td>
<td>30,000</td>
</tr>
<tr>
<td>A-M14</td>
<td>1/8</td>
<td>1/8</td>
<td>1-7/8</td>
<td>5/16</td>
<td>2.50</td>
<td>30,000</td>
</tr>
<tr>
<td>A-M8</td>
<td>1/8</td>
<td>1/4</td>
<td>1-11/16</td>
<td>7/16</td>
<td>6.60</td>
<td>20,000</td>
</tr>
<tr>
<td>A-M15</td>
<td>1/8</td>
<td>1/16</td>
<td>1-3/4</td>
<td>3/16</td>
<td>1.98</td>
<td>40,000</td>
</tr>
<tr>
<td>A-M19</td>
<td>1/8</td>
<td>1/16</td>
<td>1-7/8</td>
<td>5/16</td>
<td>2.50</td>
<td>30,000</td>
</tr>
<tr>
<td>A-M2</td>
<td>3/32</td>
<td>1/8</td>
<td>1-7/8</td>
<td>3/16</td>
<td>3.22</td>
<td>20,000</td>
</tr>
<tr>
<td>A-M6</td>
<td>1/8</td>
<td>1/16</td>
<td>1-3/4</td>
<td>3/16</td>
<td>1.98</td>
<td>40,000</td>
</tr>
<tr>
<td>A-M20</td>
<td>1/8</td>
<td>1/8</td>
<td>1-3/4</td>
<td>3/16</td>
<td>1.98</td>
<td>20,000</td>
</tr>
<tr>
<td>A-M83</td>
<td>1/8</td>
<td>1/8</td>
<td>2-1/8</td>
<td>7/16</td>
<td>2.60</td>
<td>20,000</td>
</tr>
<tr>
<td>A-M84</td>
<td>1/4</td>
<td>1/8</td>
<td>2-1/8</td>
<td>7/16</td>
<td>2.60</td>
<td>20,000</td>
</tr>
<tr>
<td>A-M85</td>
<td>1/4</td>
<td>1/4</td>
<td>2-1/8</td>
<td>7/16</td>
<td>2.60</td>
<td>20,000</td>
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<tr>
<td>A-M30</td>
<td>1/4</td>
<td>3/8</td>
<td>1-5/8</td>
<td>3/4</td>
<td>3.48</td>
<td>25,000</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank *</th>
<th>Arbor Hole Capacity</th>
<th>Overall Length</th>
<th>Head Diameter</th>
<th>Price Each</th>
<th>Max Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M31</td>
<td>1/4</td>
<td>3/8</td>
<td>2</td>
<td>3/4</td>
<td>6.86</td>
<td>25,000</td>
</tr>
</tbody>
</table>

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.

### Threaded and Tapered Mandrels

#### Split Mandrels

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank *</th>
<th>Overall Length</th>
<th>Head Diameter</th>
<th>Price Each</th>
<th>Max Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M24</td>
<td>3/32</td>
<td>3/2</td>
<td>3/4 x 1/32</td>
<td>1-3/4</td>
<td>1.35</td>
</tr>
<tr>
<td>A-M24LG</td>
<td>3/32</td>
<td>3/2</td>
<td>1/2 x 1/164</td>
<td>2-3/16</td>
<td>1.35</td>
</tr>
<tr>
<td>A-M26</td>
<td>1/8</td>
<td>3/16</td>
<td>3/4 x 1/32</td>
<td>2-3/8</td>
<td>2.18</td>
</tr>
</tbody>
</table>

#### Threaded Mandrels

- **Threads: 1/8 - 40**
  - A-M12 1/8 1/8 1-3/4 $1.98 40,000
- **Threads: 3 - 48**
  - A-M3 3/32 3/32 1-3/4 1.98 40,000
  - A-M9 1/8 3/32 1-3/4 1.98 40,000
  - 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
  - A-M89 1/4 3/8 2-1/2 11.44 18,000

For use with cartridge rolls for 1”, 2” and 3” buffs, see page 81.

### Sandpaper Split Mandrels

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank *</th>
<th>Overall Length</th>
<th>Head Diameter</th>
<th>Price Each</th>
<th>Max Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4561</td>
<td>Right Hand Side 3/8 $2.39 10,000 RPM Max Speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-4562</td>
<td>Left Hand Side 3/8 2.39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-4568</td>
<td>Both Sides 1 6.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For mounting FX and other larger wheels with 1” holes.

- **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
Rubber Drum Mandrels  Made in USA

Rubber drum mandrels are used with sanding bands.

### 1/4” and 6 mm Shank

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Head Diameter” x Length”</th>
<th>Price Each</th>
<th>Max Speed RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SD141</td>
<td>1/4”</td>
<td>1/2 x 1</td>
<td>$6.45</td>
<td>20,000</td>
</tr>
<tr>
<td>A-SD661</td>
<td>6 mm</td>
<td>1/2 x 1</td>
<td>$6.45</td>
<td>20,000</td>
</tr>
<tr>
<td>A-SD143</td>
<td>1 1/4”</td>
<td>3/4 x 1/2</td>
<td>$4.99</td>
<td>20,000</td>
</tr>
<tr>
<td>A-SD144</td>
<td>1 1/4”</td>
<td>3/4 x 1</td>
<td>$5.10</td>
<td>15,000</td>
</tr>
<tr>
<td>A-SD145</td>
<td>1 1/4”</td>
<td>3/4 x 1-1/2</td>
<td>$10.92</td>
<td>10,000</td>
</tr>
</tbody>
</table>

3/32” and 1/8” Shank

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Head Diameter” x Length”</th>
<th>Price Each</th>
<th>Max Speed RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SD324</td>
<td>1/4”</td>
<td>1/2 x 1</td>
<td>$4.16</td>
<td></td>
</tr>
<tr>
<td>A-SD40</td>
<td>1/4”</td>
<td>1/2 x 1</td>
<td>$4.16</td>
<td></td>
</tr>
<tr>
<td>A-SD326</td>
<td>3/8”</td>
<td>1/2 x 1</td>
<td>$4.68</td>
<td></td>
</tr>
<tr>
<td>A-SD328</td>
<td>1/2”</td>
<td>1/2 x 1</td>
<td>$4.99</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Arbor Hole Capacity” x Length”</th>
<th>Price Each</th>
<th>Max Speed RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M1L</td>
<td>1/16”</td>
<td>1 1/2 x 1</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td>A-M7L</td>
<td>1/8”</td>
<td>1 1/2 x 1</td>
<td>$1.98</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Head Diameter” x Length”</th>
<th>Price Each</th>
<th>Max Speed RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SD324L</td>
<td>1/4”</td>
<td>1/2 x 1/2</td>
<td>$8.94</td>
<td></td>
</tr>
<tr>
<td>A-SD326L</td>
<td>3/8”</td>
<td>1/2 x 1/2</td>
<td>$8.94</td>
<td></td>
</tr>
<tr>
<td>A-SD328L</td>
<td>1/2”</td>
<td>1/2 x 1/2</td>
<td>$8.94</td>
<td></td>
</tr>
</tbody>
</table>

3/32” Shank

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SD184</td>
<td>3/32”</td>
<td>$4.16</td>
</tr>
<tr>
<td>Not Available in 1/8” Shank</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1/8” Shank

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-SD186</td>
<td>1/8”</td>
<td>$4.58</td>
</tr>
<tr>
<td>A-SD188</td>
<td>1/8”</td>
<td>$4.99</td>
</tr>
<tr>
<td>A-SD189</td>
<td>1/8”</td>
<td>$4.99</td>
</tr>
</tbody>
</table>
Rubber Sanding Disc Mandrels
Made in USA

Run in Forward Direction ONLY

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shank Diameter&quot;</th>
<th>Overall Length&quot;</th>
<th>Price Each</th>
<th>Max Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-M4</td>
<td>1/8</td>
<td>1/2</td>
<td>$7.07</td>
<td>15,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-M33</td>
<td>1/4</td>
<td>1-3/4</td>
<td>13.52</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-M338</td>
<td>1/8</td>
<td>1-3/4</td>
<td>10.82</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-M35</td>
<td>1/4</td>
<td>1-3/4</td>
<td>11.96</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-M34</td>
<td>1/4</td>
<td>2-3/4</td>
<td>11.34</td>
<td>10,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-M36</td>
<td>1/4</td>
<td>1-3/4</td>
<td>7.12</td>
<td>18,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-69225</td>
<td>no shank</td>
<td>1-3/4</td>
<td>5.20</td>
<td>18,000</td>
</tr>
</tbody>
</table>

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:
A-3705 $4.68 Screw-Lok Disc 2" (50mm) with Velcro Hook Front for attaching discs with velcro loop-type backs.
A-3702 $3.64 Screw-Lok Disc 1" (30mm) with Velcro Hook Front for attaching smaller discs with velcro loop-type backs.
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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Thick”</th>
<th>Color</th>
<th>Grit/ Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3512</td>
<td>$5.46</td>
<td>9/16</td>
<td>Black</td>
<td>Ultra Rough Unitized</td>
</tr>
<tr>
<td>A-3514</td>
<td>$5.46</td>
<td>19/32</td>
<td>Purple</td>
<td>Rough Unitized</td>
</tr>
<tr>
<td>A-3522</td>
<td>$2.39</td>
<td>5/32</td>
<td>Brown</td>
<td>Non-Woven</td>
</tr>
<tr>
<td>A-3524</td>
<td>$2.39</td>
<td>5/32</td>
<td>Red</td>
<td>120 Non-Woven</td>
</tr>
<tr>
<td>A-3526</td>
<td>$2.39</td>
<td>5/32</td>
<td>Green</td>
<td>240 Non-Woven</td>
</tr>
<tr>
<td>A-3527</td>
<td>$2.39</td>
<td>5/32</td>
<td>Blue</td>
<td>320 Non-Woven</td>
</tr>
<tr>
<td>AK3500</td>
<td>$17.47</td>
<td>6-Pc Assortment</td>
<td>1 each of pad above</td>
<td></td>
</tr>
</tbody>
</table>

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)

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit</th>
<th>Part No.</th>
<th>Grit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3601</td>
<td>24</td>
<td>A-3606</td>
<td>240</td>
</tr>
<tr>
<td>A-3602</td>
<td>40</td>
<td>A-3607</td>
<td>320</td>
</tr>
<tr>
<td>A-3603</td>
<td>80</td>
<td>A-3608</td>
<td>400</td>
</tr>
<tr>
<td>A-3604</td>
<td>120</td>
<td>A-3609</td>
<td>600</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Thick”/ Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3402</td>
<td>$2.18</td>
<td>5/16 Medium hard with Screw-Lok back soft edge for surface contours.</td>
</tr>
</tbody>
</table>

Polishing compounds are listed on page 67.

3/8” Arbor Hole Coarse Unitized Wheel

Use with A-69212L Long Hub (shown) on 2” Angle Grinder. Long Hub is NOT included.

A-10055 $11.34 1/4” Thick Dark Green Coarse Unitized Use on edge or rim

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.

A-D11 $3.33 60 grit

Short Hub A-69212 is shown in use on page 75.

Knife Edged Felt Wheel

Use with A-69212L Long Hub (shown) on 2” Angle Grinder. Long Hub is NOT included.

A-KE6 $6.03 Knife Edge, Hard

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-2201</td>
<td>60</td>
</tr>
<tr>
<td>A-2202</td>
<td>120</td>
</tr>
<tr>
<td>A-2203</td>
<td>240</td>
</tr>
<tr>
<td>A-2204</td>
<td>320</td>
</tr>
<tr>
<td>A-2205</td>
<td>600</td>
</tr>
</tbody>
</table>

AK2200 $11.96 Assortment, 5-Pc– 1 of each Grit

A-69225 Screw-Lok Disc Mandrel

Complete 2” Angle Grinder Kit is shown on page 30.
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 Sanding Discs to the Velcro® Hook surface of the 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.

**3M Flexible Diamond**
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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit / Micron</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-5752</td>
<td>60 / 250</td>
<td>$17.99</td>
</tr>
<tr>
<td>A-5753</td>
<td>120 / 125</td>
<td>$14.46</td>
</tr>
<tr>
<td>A-5754</td>
<td>220 / 74</td>
<td>$12.27</td>
</tr>
<tr>
<td>A-5756</td>
<td>400 / 40</td>
<td>$10.09</td>
</tr>
<tr>
<td>A-5758</td>
<td>800 / 20</td>
<td>$10.09</td>
</tr>
</tbody>
</table>
| AK5750   | 9 / 15        | $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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit / Micron</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4591-10</td>
<td>1,200 / 9</td>
<td>$4.89</td>
</tr>
<tr>
<td>A-4592-10</td>
<td>600 / 15</td>
<td>$4.46</td>
</tr>
<tr>
<td>A-4593-10</td>
<td>400 / 30</td>
<td>$4.23</td>
</tr>
<tr>
<td>A-4594-10</td>
<td>320 / 40</td>
<td>$4.09</td>
</tr>
<tr>
<td>A-4596-10</td>
<td>220 / 60</td>
<td>$3.98</td>
</tr>
<tr>
<td>A-4598-10</td>
<td>180 / 80</td>
<td>$3.88</td>
</tr>
</tbody>
</table>

**3M Diamond Microfinishing Film Discs**
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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit / Micron</th>
<th>Color</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4452</td>
<td>120 / 250</td>
<td>orange</td>
<td>$4.89</td>
</tr>
<tr>
<td>A-4453</td>
<td>220 / 74</td>
<td>teal</td>
<td>$4.78</td>
</tr>
<tr>
<td>A-4454</td>
<td>320 / 45</td>
<td>beige</td>
<td>$4.78</td>
</tr>
<tr>
<td>A-4455</td>
<td>400 / 30</td>
<td>green</td>
<td>$4.78</td>
</tr>
<tr>
<td>A-4456</td>
<td>600 / 20</td>
<td>peach</td>
<td>$4.78</td>
</tr>
<tr>
<td>A-4457</td>
<td>1,200 / 9</td>
<td>light green</td>
<td>$4.78</td>
</tr>
<tr>
<td>A-4583</td>
<td>4,000 / 3</td>
<td>pink</td>
<td>$8.84</td>
</tr>
<tr>
<td>AK4450</td>
<td>7-Pc Assortment</td>
<td>Each grit</td>
<td>$34.94</td>
</tr>
</tbody>
</table>

Complete 2” Angle Grinder Kit is shown on page 30.

Part Numbers and Prices are shown in red on each page.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories

FOREDOM® FOREDOM ELECTRIC CO. www.foredom.net
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.

Flat Face Discs
- A-KB25626 coarse
- A-KB25627 fine
Round Face Discs
- A-KB25628 coarse
- A-KB25629 fine

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-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.
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”
---|---|---
A-10043 | $11.86 | Extra Firm - 3/16”
A-10044 | 12.48 | Firm - 5/16”
A-10045 | 13.10 | Medium - 3/8”

Complete 2” Angle Grinder Kit is shown on page 30.

2” Abrasive Wheels with 3/8” Arbor Holes
Made in USA
15,000 RPM Max Speed
A-69212L Long Hub to attach these 2” Abrasive Wheels to the Angle Grinder.

Aluminum Oxide works on high tensile, tough materials including stone, porcelain, glass, and steel.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Edge</th>
<th>Grit / Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-10054</td>
<td>Cup</td>
<td>1/4”</td>
<td>150 / gray</td>
<td>$5.41</td>
</tr>
</tbody>
</table>
Use on 1/4” flat side for medium to fine finishing
| A-10062 | Taper | 1/4” knife edge | 120 / off white | 7.28 |
Use on Edge not Flat side for medium to fine finishing
| A-10063 | 1/4” | 400 / white | 5.41 |
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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Edge</th>
<th>Grit / Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-10068</td>
<td>Flat</td>
<td>1/4”</td>
<td>100 / green</td>
<td>7.38</td>
</tr>
</tbody>
</table>
Use on Edge not Flat side
| A-10064 | Flat | 1/4” | 120 / blue | 6.24 |
Use on Edge not Flat side
| A-10065 | 5/8” Cup | 1/2” working face | 100 / blue | 9.62 |

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Shape</th>
<th>Edge</th>
<th>Grit / Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-10064</td>
<td>Flat</td>
<td>1/4”</td>
<td>120 / blue</td>
<td>6.24</td>
</tr>
</tbody>
</table>
Use on Edge not Flat side
| A-10065 | 5/8” Cup | 1/2” working face | 100 / blue | 9.62 |

A-69212L Long Hub not included.

Complete 2” Angle Grinder Kit is shown on page 30.
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, 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.BL Bench Lathe.

$24.75 per 6-Pack

<table>
<thead>
<tr>
<th>Radial Bristle Discs, 6-Pk</th>
<th>Grit</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4542-6</td>
<td>80</td>
<td>yellow</td>
</tr>
<tr>
<td>A-4543-6</td>
<td>120</td>
<td>white</td>
</tr>
<tr>
<td>A-4544-6</td>
<td>220</td>
<td>red</td>
</tr>
<tr>
<td>A-4545-6</td>
<td>400</td>
<td>blue</td>
</tr>
</tbody>
</table>

Assortment Kits for 2” Angle Grinder
See individual accessory listings for Maximum Speed

AK6901 $70.72 Stone Carving Kit, 20-Pc

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

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

<table>
<thead>
<tr>
<th>Carbide Stylus</th>
<th>For Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP10212 $39.52</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>HP10215 $39.52</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diamond Tip Pavé Point</th>
<th>For Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP10177 $6.24</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>HP10178 $6.24</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

H.9D PowerGraver Handpiece Accessories
PowerGraver Kit is on page 19.

Gravers for H.9D PowerGraver Handpiece $19.66 each

<table>
<thead>
<tr>
<th>Graver</th>
<th>for Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-G91</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>A-G91</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graver</th>
<th>for Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-G92</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>A-G92</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graver</th>
<th>for Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-G93</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>A-G93</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graver</th>
<th>for Handpieces:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-G94</td>
<td>H.15, H.15D, H.15SJ</td>
</tr>
<tr>
<td>A-G94</td>
<td>H.9D PowerGraver</td>
</tr>
</tbody>
</table>

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 Wecoer. 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.

### Chisels for Foredom H.50 Handpiece and other Reciprocating Power Chisels

<table>
<thead>
<tr>
<th>Chisel Type</th>
<th>Part No.</th>
<th>Price Each</th>
<th>Length mm</th>
<th>Comes in Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Chisels Single Bevel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#1 x 9 mm</td>
<td>A-KC509</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK550, AK510</td>
</tr>
<tr>
<td>#1 x 14.5 mm</td>
<td>A-KC511</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK560, AK510</td>
</tr>
<tr>
<td>#2 Chisels Single Bevel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#2 x 9 mm</td>
<td>A-KC510</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK550, AK510</td>
</tr>
<tr>
<td>#2 x 14 mm</td>
<td>A-KC512</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK570</td>
</tr>
<tr>
<td>Fluteroni</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 mm</td>
<td>A-KC515</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK570, AK510</td>
</tr>
<tr>
<td>12 mm</td>
<td>A-KC721</td>
<td>$10.92</td>
<td>75</td>
<td>AKHK580</td>
</tr>
<tr>
<td>#3 and #7 Sweeps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#3 x 9 mm</td>
<td>A-KC503</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK550, AK510</td>
</tr>
<tr>
<td>#3 x 14 mm</td>
<td>A-KC501</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK560, AK510</td>
</tr>
<tr>
<td>#7 x 8 mm</td>
<td>A-KC504</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK550, AK510</td>
</tr>
<tr>
<td>#7 x 13 mm</td>
<td>A-KC502</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK560, AK510, AKHK580</td>
</tr>
</tbody>
</table>

**All Chisels below have a 18° to 20° Sharpening Angle**

<table>
<thead>
<tr>
<th>Chisel Type</th>
<th>Part No.</th>
<th>Price Each</th>
<th>Length mm</th>
<th>Comes in Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8, 9, and 11 Sweeps</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#8 x 10 mm</td>
<td>A-KC508</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK560, AK510</td>
</tr>
<tr>
<td>#9 x 9 mm</td>
<td>A-KC514</td>
<td>$9.88</td>
<td>55</td>
<td>AKHK570</td>
</tr>
<tr>
<td>#9 x 6 mm</td>
<td>A-KC517</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK570</td>
</tr>
<tr>
<td>#9 x 14 mm</td>
<td>A-KC723</td>
<td>$10.92</td>
<td>75</td>
<td>AKHK580</td>
</tr>
<tr>
<td>#11 x 3.5 mm</td>
<td>A-KC505</td>
<td>$7.80</td>
<td>55</td>
<td>AKHK550, AK510</td>
</tr>
</tbody>
</table>

### 70°, 75°, 110° Parting Tools

<table>
<thead>
<tr>
<th>Chisel Type</th>
<th>Part No.</th>
<th>Price Each</th>
<th>Length mm</th>
<th>Comes in Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>#11 x 3 mm</td>
<td>A-KC722</td>
<td>$10.92</td>
<td>75</td>
<td>AKHK580</td>
</tr>
</tbody>
</table>

**Chisel Sets**

<table>
<thead>
<tr>
<th>Chisel Sets</th>
<th>Part No.</th>
<th>Price</th>
<th>Included Chisels</th>
</tr>
</thead>
</table>

**AK510 12-Chisel Set** $89.00


A-KC500 $29.95 Empty Canvas Pouch

Measures 7-1/2” x 6-1/4” when open, 4-1/8” x 2” when closed.

Always Wear Eye and Dust Protection While Using Rotary Power Tools & Accessories

FOREDOM®  FOREDOM ELECTRIC CO.  www.foredom.net
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
A-S541 Universal Coarse
A-S542 Universal Medium
A-S543 Universal Fine
A-S545 Platinum Medium

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, belt is 3/8” thick with 1/4” arbor hole. Use with 1/4” collet installed in collet holder in M.BL Lathe. 8,000 RPM Max Speed

Part No. Diameter” Grit Color Thickness”
A-5546 4 1/8 1/2
A-5547 4 1/2 1/2
A-5548 4 3/4 1/2

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
A-5501 80 A-5504 320
A-5502 120 A-5505 600
A-5503 240 A-5506 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/Thickness
A-5587 Medium / Medium
A-5588 Coarse / Medium

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
A-5534 Extra Fine
A-5535 Fine
A-5536 Medium
A-5537 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 Diameter” Thickness” Material
A-CB1 $3.33 2-1/2 2 3/4 Cotton, 16 ply
A-W305 $4.58 2 3/8 1/4 Felt

2” Abrasive Wheels

11,000 RPM Max Speed

Part No. Price Material Color Diameter” Thickness” Grit
A-10072 $5.20 Aluminum Oxide Dark Gray 1-3/4 3/8 60
A-10073 600
A-10074 5.20 Aluminum Oxide White 1-7/8 1/4 400
A-10075 5.20 CeranCut Blue Blue 2 1/4 120
A-10076 5.20 Salt & Pepper Salt & Pepper 2 1/4 46
A-10078 7.07 Silicon Carbide Green 2 1/4 100
A-10079 5.20 V Stone Varied Gray 2 1/4 46
A-10080 5.20 Silicon Carbide Solid Gray 2 1/4 100

4” United Non-Woven Fiber Wheels
$11.44 each, 5 Grits 8,000 RPM Max Speed
4” x 1” United Non-Woven Fiber Wheels for use on metals, acrylics, plastics. Mount onto the tapered spindles of the M.BL Lathe.

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.

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.

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.

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!

NEW Dental Lab Accessories

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Diameter x Thickness</th>
<th>Rows of Bristles</th>
<th>Layers of Woven Canvas</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-93141</td>
<td>$4.90</td>
<td>55 mm x 5 mm (1.77” x 0.2”)</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>A-93142</td>
<td>$5.90</td>
<td>65 mm x 7 mm (2.559” x 0.27”)</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>A-93143</td>
<td>$7.90</td>
<td>80 mm x 7 mm (3.15” x 0.27”)</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>

Part No. | Price  | Material        | Rows of Bristles |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A-93121</td>
<td>$2.00</td>
<td>Black Chunking</td>
<td>1</td>
</tr>
<tr>
<td>A-93122</td>
<td>$2.90</td>
<td>Brown Horse Hair</td>
<td>1</td>
</tr>
<tr>
<td>A-93123</td>
<td>$4.90</td>
<td>White Goat Hair</td>
<td>1</td>
</tr>
</tbody>
</table>

Part No. | Price  | Material        | Dimensions      |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A-93151</td>
<td>$6.90</td>
<td>Black Chunking</td>
<td>60 diameter x 10 mm (2.36” diameter x 0.39”)</td>
</tr>
<tr>
<td>A-93152</td>
<td>$8.90</td>
<td>White Goat Hair</td>
<td>80 diameter x 12 mm (3.15” diameter x 0.47”)</td>
</tr>
</tbody>
</table>

Foredom’s M.BL Bench Lathe comes with tapered spindles which can be used with many of the larger accessories shown here. Polishing Compounds are on page 67.

Diameter x Thickness Dimensions Rows of Bristles / Layers of Woven Canvas
55 mm x 5 mm (1.77” x 0.2”) 2 1
65 mm x 7 mm (2.559” x 0.27”) 3 2
80 mm x 7 mm (3.15” x 0.27”) 3 2
55 mm x 5 mm (2.165” x 0.2”) 55 mm x 5 mm (1.77” x 0.27”) 55 mm x 5 mm (2.165” x 0.27”) 60 diameter x 10 mm (2.36” diameter x 0.39”)
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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-93158</td>
<td>$8.90</td>
<td>Lathe Buff 100 mm x 8 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(3.94” diameter x 0.314”)</td>
</tr>
<tr>
<td>A-93156</td>
<td>$6.90</td>
<td>Lathe Buff 60 mm x 8 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2.36” diameter x 0.314”)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Pack Quantity / Price</th>
<th>Head Diameter x Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-FM1-6</td>
<td>6-pack / $21.63</td>
<td>20 mm x 75 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tapered Inner Felt Buff</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13/16” x 3”</td>
</tr>
<tr>
<td>A-FM2-2</td>
<td>2-pack / $9.03</td>
<td>22 mm x 100 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tapered Inner Felt Buff</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7/8” x 4”</td>
</tr>
<tr>
<td>A-FM3</td>
<td>each / $22.54</td>
<td>51 mm x 51 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bracelet Buff</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2” x 2”</td>
</tr>
</tbody>
</table>

NEW Dental Lab Accessories

Gypsiiform Lower Jaw Inserts
See video at: https://www.foredom.net/foredom-video-library/gypsiiform-lower-jaw-inserts/

Gypsiiform 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 Gypsiiform 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 Gypsiiform Insert which may be reused several times. Made in Germany

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-94621</td>
<td>Small 50-pieces</td>
<td>A-94622</td>
</tr>
<tr>
<td>A-94623</td>
<td>Large 50-pieces</td>
<td>A-94622</td>
</tr>
<tr>
<td>A-94623</td>
<td>Assortment – small and large, 25 of each.</td>
<td></td>
</tr>
</tbody>
</table>

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
Cotton and Felt Polishing Buffs

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.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Ply</th>
<th>Rows of stitching</th>
<th>Center Hole</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
<td>1</td>
<td>S</td>
<td>A-CBC1</td>
<td>$2.50</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>1</td>
<td>S</td>
<td>A-CBC2</td>
<td>2.70</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>3</td>
<td>S</td>
<td>A-CBC3</td>
<td>3.85</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>3</td>
<td>S</td>
<td>A-CBC4</td>
<td>4.99</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Ply</th>
<th>Rows of stitching</th>
<th>Center Hole</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
<td>1</td>
<td>S</td>
<td>A-CBF1</td>
<td>$2.70</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>1</td>
<td>S</td>
<td>A-CBF2</td>
<td>3.02</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>3</td>
<td>S</td>
<td>A-CBF3</td>
<td>4.26</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>3</td>
<td>S</td>
<td>A-CBF4</td>
<td>5.25</td>
</tr>
</tbody>
</table>

2” and smaller diameter unmounted White Muslin Buffs 25,000 RPM Max Speed

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Thick “</th>
<th>Ply</th>
<th>Rows of stitching</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2</td>
<td>3/16</td>
<td>16</td>
<td>2</td>
<td>A-CB2</td>
<td>$1.56</td>
</tr>
</tbody>
</table>

A-CBF3 $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.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Thick “</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3/16</td>
<td>A-CB12</td>
<td>2.70</td>
</tr>
</tbody>
</table>

Loose White Muslin Buffs have only one row of stitching around the arbor hole which is reinforced with leather and shellac (LS). 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.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Ply</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>35</td>
<td>A-LCB35</td>
<td>$3.85</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>A-LCB3</td>
<td>4.26</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>A-LCB4</td>
<td>5.62</td>
</tr>
</tbody>
</table>

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 (LS).

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Ply</th>
<th>Rows of stitching</th>
<th>Center Hole</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>30</td>
<td>3</td>
<td>S</td>
<td>A-CBY43</td>
<td>$6.50</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>3</td>
<td>S</td>
<td>A-CBY4</td>
<td>7.64</td>
</tr>
<tr>
<td>5</td>
<td>40</td>
<td>3</td>
<td>LS</td>
<td>A-CBY5</td>
<td>9.05</td>
</tr>
<tr>
<td>6</td>
<td>50</td>
<td>4</td>
<td>S</td>
<td>A-CBY65-S</td>
<td>13.00</td>
</tr>
</tbody>
</table>

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 (LS) center keeps wheel stiff while in use. Use it for cutting and polishing in grooves, crevices and inside curves.

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.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Thick “</th>
<th>Hardness Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>1/16</td>
<td>Medium A-SE1M</td>
<td>$6.76 / 10-pack</td>
</tr>
<tr>
<td>1/2</td>
<td>1/16</td>
<td>Hard A-SE1H</td>
<td>$6.76 / 10-pack</td>
</tr>
<tr>
<td>5/8</td>
<td>3/16</td>
<td>Medium A-FB4</td>
<td>$6.14 / 10-pack</td>
</tr>
<tr>
<td>3/4</td>
<td>1/16</td>
<td>Medium A-FB3</td>
<td>$8.11 / 10-pack</td>
</tr>
<tr>
<td>2</td>
<td>3/16</td>
<td>Medium A-SE4M</td>
<td>$4.89 / each</td>
</tr>
<tr>
<td>3</td>
<td>1/8</td>
<td>Medium A-SE5M</td>
<td>$13.10 / each</td>
</tr>
</tbody>
</table>

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 (LS). 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.
**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, repack 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. Do not return the merchandise yourself, as this may delay your refund 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.

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 provide 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 chemicals may occur.

For more information about Proposition 65, visit: 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, woodworking 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.

Foredom is one of 4 brands of Blackstone Industries, LLC. Including: Olson Saw Company www.olsonsw.com (band and scroll saw blades), Zona Tool Company www.zonatool.net (razor saws and other hobby tools) and Edge Finisher Company 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.

Visit us at: www.foredom.net
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 Electric Company
16 Stony Hill Road, Bethel, CT 06801

Email: 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 or deletions may take place after this catalog is printed— for the most up to date information, including specifications and pricing, please visit our website.

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. Lesley Burke, goldsmith, enamelist, owner of The Guided Lyne, using the Fishmouth and Dust Collector to collect particles from grinding a small silver workpiece. Pete Corzine, of Quality Gems, 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. Lesley 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, 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 Naldeau 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 BI 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.

83
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:

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-7018 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.