

12" GAP BED WOOD LATHES



WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY.

IMPORTANT

As with all machinery there are certain hazards involved with operation and use of the machine. Using the machine with respect and caution will considerably lessen the possibility of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator may result.

This machine was designed for certain applications only. Delta Machinery strongly recommends that this machine NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the machine until you have written Delta Machinery and we have advised you.

DELTA INTERNATIONAL MACHINERY CORP. MANAGER OF TECHNICAL SERVICES 246 ALPHA DRIVE PITTSBURGH, PENNSYLVANIA 15238

SAFETY RULES FOR ALL TOOLS

- FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING THE TOOL. Learn the tool's application and limitations as well as the specific hazards peculiar to it.
- 2. KEEP GUARDS IN PLACE and in working order.
- GROUND ALL TOOLS. If tool is equipped with threeprong plug, it should be plugged into a three-hole electrical receptacle. If an adapter is used to accommodate a two-prong receptacle, the adapter lug must be attached to a known ground. Never remove the third prong.
- 4. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it "on".
- KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
- DON'T USE IN DANGEROUS ENVIRONMENT.
 Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
- KEEP CHILDREN AND VISITORS AWAY. All children and visitors should be kept a safe distance from work area.
- MAKE WORKSHOP CHILDPROOF with padlocks, master switches, by removing starter keys or switch toggles.
- DON'T FORCE TOOL. It will do the job better and be safer at the rate for which it was designed.
- USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.
- 11. WEAR PROPER APPAREL. No loose clothing, gloves, neckties, rings, bracelets, or other jewelry to get caught in moving parts. Nonslip foot wear is recommended. Wear protective hair covering to contain long hair.
- ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operations is dusty. Everyday eyeglasses only have impact resistant lenses; they are NOT safety glasses.
- SECURE WORK. Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.

- 14. DON'T OVERREACH. Keep proper footing and balance at all times.
- MAINTAIN TOOLS IN TOP CONDITION. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- DISCONNECT TOOLS before servicing and when changing accessories such as blades, bits, cutters, etc.
- 17. USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause hazards.
- 18. AVOID ACCIDENTAL STARTING. Make sure switch is in "OFF" position before plugging in power cord.
- NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.
- 20. CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- DIRECTION OF FEED. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
- 22. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.
- DRUGS, ALCOHOL, MEDICATION. Do not operate tool while under the influence of drugs, alcohol or any medication.
- MAKE SURE TOOL IS DISCONNECTED FROM POWER SUPPLY while motor is being mounted, connected or reconnected.

INTRODUCTION

Like any fine woodworking machine, your Delta 12" Wood Lathe must be installed properly and kept in adjustment.

Although it was test run and adjusted at the factory, it should be thoroughly checked and readjusted if necessary.

PLEASE READ THIS ENTIRE MANUAL BEFORE INSTALLING OR OPERATING THE LATHE, so that you become thoroughly familiar with the adjustments and understand the functions of your lathe.

If you do not understand any portion of these instructions, please write to:

DELTA INTERNATIONAL MACHINERY CORP. MANAGER OF TECHNICAL SERVICES 246 ALPHA DRIVE PITTSBURGH, PENNSYLVANIA 15238

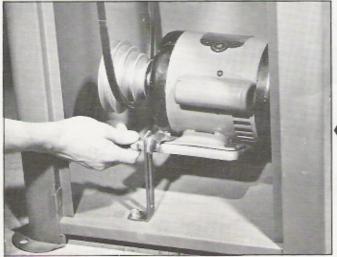
If there are any features you particularly like or any you do not like, we would also appreciate hearing from you. Be sure to tell us whether your lathe is used in a cabinet or pattern shop, school shop, homeworkshop, etc.

ASSEMBLING CABINET STAND

- If you purchased the Variable Speed Lathe, you may disregard these instructions as your lathe and stand were shipped completely assembled.
- If you purchased the Four Speed Lathe, with the Cat. #50-150 Cabinet Stand, assemble the shelves to the leg of the stand, using nuts, screws, and washers provided, as shown in the parts drawing.
- 3. Assemble the chip guard to the cabinet.

4. Mount the motor to the motor mounting plate and assemble the motor pulley to the motor as shown.

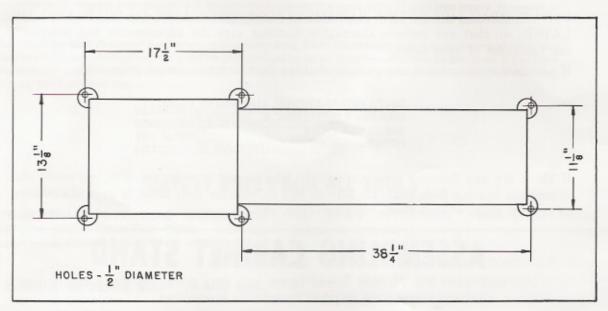




 When changing speeds on four speed model lathes, merely loosen the knurled hand knob
 and raise the motor to release belt tension.

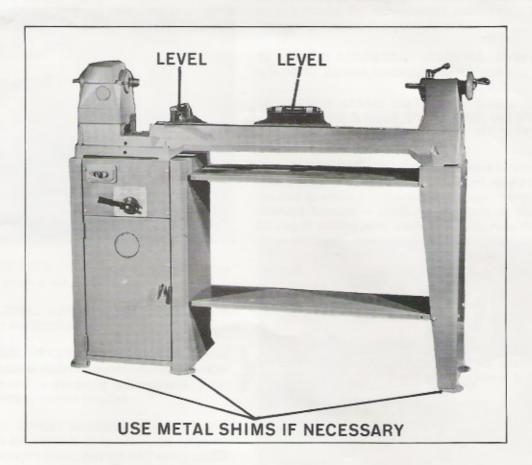
INSTALLATION

1. Select a suitable location and remove wood skids.



LOCATION OF FLOOR MOUNTING HOLES

2. Make sure lathe is level if you wish to fasten it to the floor.



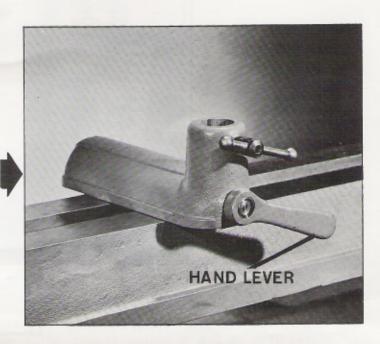
3. Remove the rust preventive from the machined surfaces using kerosene or similar solvent. CAUTION: Do not use acetone, gasoline, or lacquer thinner for this purpose.

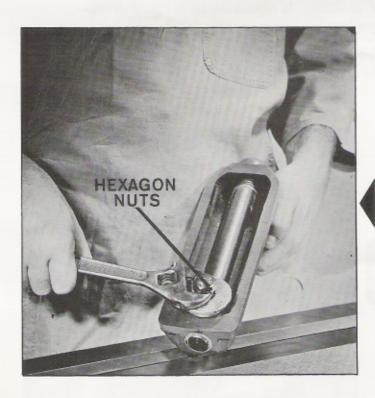
GENERAL ADJUSTMENTS

The following is an explanation of the general adjustments of the Delta 12" Wood Lathe. The operator should check these adjustments carefully before turning on the power, to avoid damage to the lathe or injury to himself.

TOOL REST BASE

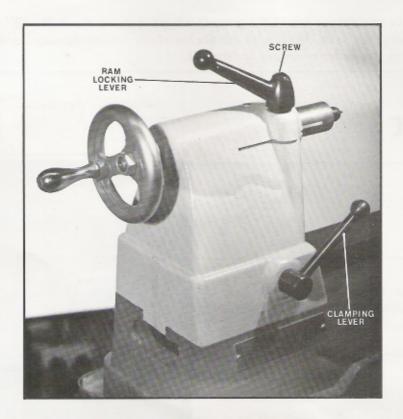
1. The tool rest base is equipped with a cam type clamping device which is actuated by turning the hand lever downward.





2. The clamping device has been set at the factory, however should it be necessary to reset, adjust the two hexagon nuts accordingly.

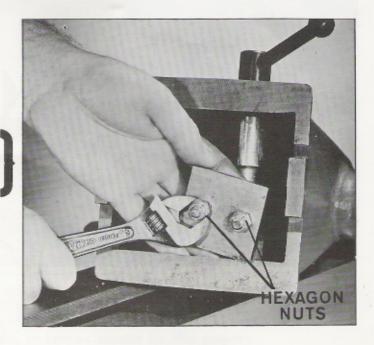
TAILSTOCK



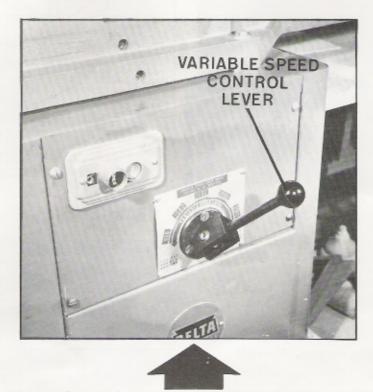


- 1. The ram is locked by turning the ram locking lever to the right. It has been set at the factory so as to lock in a convenient position. If repositioning becomes necessary, remove screw, lift off handle and reposition.
- The tailstock also is equipped with a cam type clamping device which is actuated by moving the clamping lever, in either direction.

 The clamping device has been set at the factory, however should it be necessary to reset, adjust the two hexagon nuts accordingly.



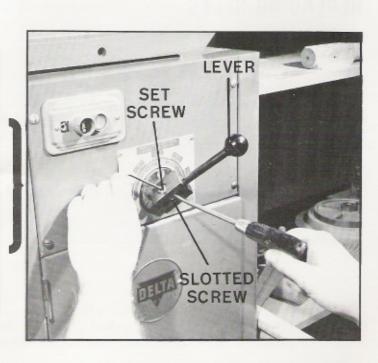
VARIABLE SPEED CONTROL HANDLE



1. The variable speed control lever pivots and must be pulled out when changing speeds. When the desired speed is obtained, the lever is pushed in and automatically locks in position. It is only necessary to exert slight pressure to push the lever into the locked position.

If after a long period of time slight wear may occur on some of the parts, causing the lever not to lock sufficiently, an adjustment can be made.

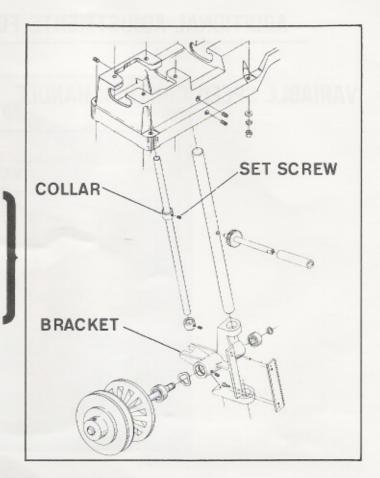
- 1. Pull lever out.
- 2. Loosen set screw with allen wrench.
- 3. Turn slotted screw slightly to the right.
- 4. Push lever in, and if it locks sufficiently, tighten set screw. If you are unable to push handle all the way in, back off slotted screw until correct adjustment is made.



SPEED LIMIT CONTROL

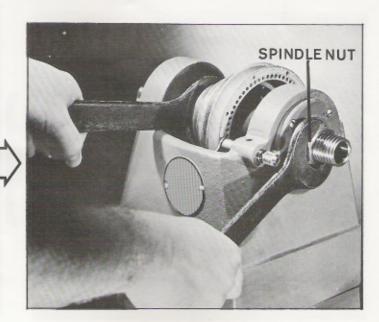
Should you wish to limit the top speed lower than I the maximum, an adjustment can be made.

- 1. Run the machine up to the desired speed and DISCONNECT MOTOR FROM POWER SOURCE.
- Loosen set screw in top limit collar and lower the collar until it rests on bracket. Then tighten set screw.

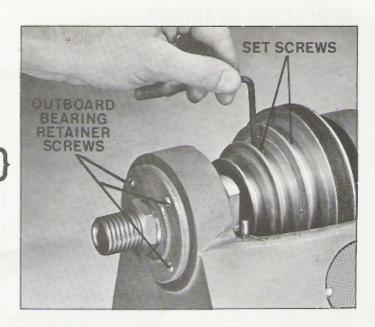


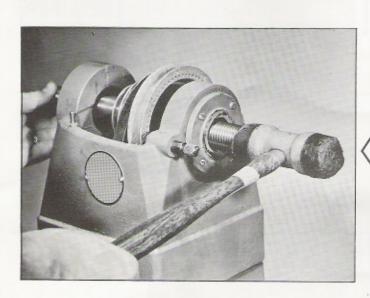
REPLACING BELTS

1. Unscrew spindle nut using two wrenches.



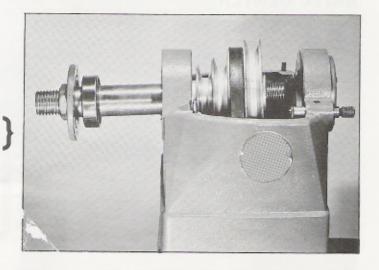
Loosen two set screws in pulley and remove four outboard bearing retainer screws.





3. Use soft hammer or block of wood and gently tap spindle.

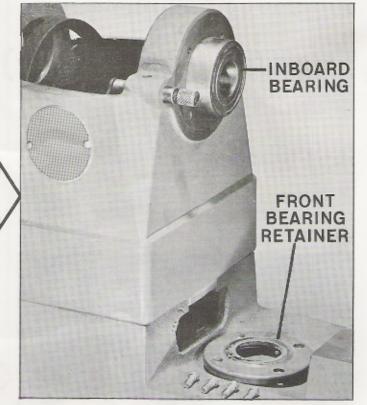
Move spindle to the left far enough to remove and replace the belt.



5. When reassembling, make sure the set screws in the spindle pulley are tightened against the flat surface of the spindle. Also recheck pulley aglinment. NOTE: On variable speed models it may be necessary to readjust the limit stops when replacing belts.

REPLACING BEARINGS

- Repeat STEPS 1, 2, 3, and 4 under REPLACING BELTS.
- 2. Remove spindle, outboard bearing, spring washer, and spindle pulley completely from headstock.

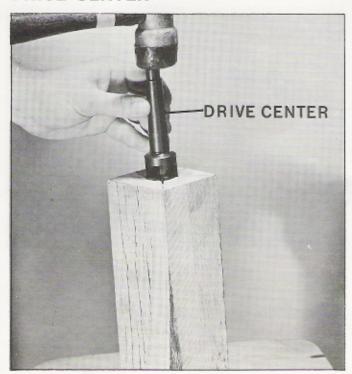


3. Remove front bearing retainer and inboard bearing.

 When replacing bearings, make sure to replace required spring washer removed in STEP 2.

BASIC OPERATING INSTRUCTIONS

DRIVE CENTER



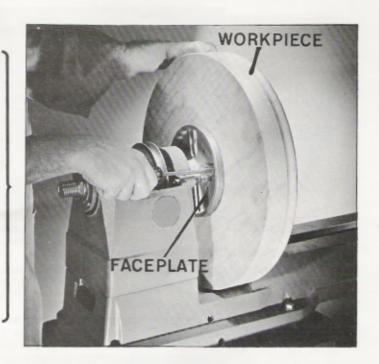
The drive center should be driven into the workpiece with a soft hammer or a block of wood. NEVER pound the drive center with a steel hammer. On hard woods, diagonal saw cuts should be made to receive the spurs.

LARGE FACEPLATE WORK

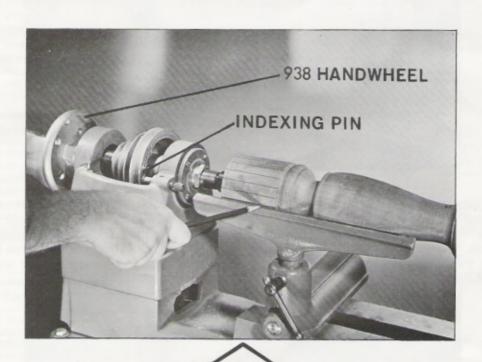
The maximum capacity for faceplate turnings in the gap is 16" dia. x 2 1/2" thick.

- 1. Bandsaw the workpiece accurately round.
- 2. Mark the location of the faceplate on the workpiece and drill the holes for the screws.
- 3. Screw the face plate on the spindle and fasten the workpiece with the necessary screws.

NOTE: Illustrated is Delta 46-937 face plate, 6" in diameter, available as an accessory. It contains double threads both right hand and left hand and can be used on either end of the spindle.



INDEXING

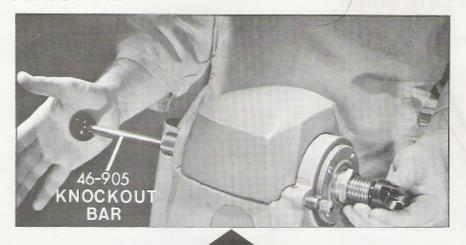


The spindle pulley has a row of 60 and a row of 8 holes accurately spaced around the rim of the pulley. This feature makes it possible to make evenly spaced divisions on turnings which could be fluted, grooved, or holes drilled at these points.

The 60 holes are spaced 45 degrees apart. The indexing pins on the side of the headstock has a short lever on the end which can be turned to engage any hole in either inner or outer row.

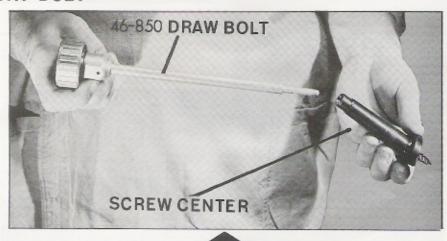
Illustrated is Delta 46-938 handwheel, available as an extra accessory. It is ideal for turning the lathe by hand while inspecting the work, or for bringing the lathe to a quick stop after the power has been turned off.

#46-905 KNOCKOUT BAR

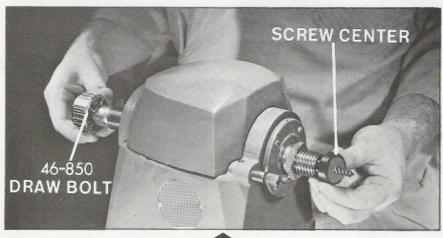


To remove tapered shank accessories from the headstock spindle, use a dowel rod 1/2" diameter or a piece of soft metal rod. The Delta Cat. #46-905 Knockout Barillustrated is ideal for this purpose. It is available as an extra accessory. It is equipped with a brass plug on one end and a comfortable plastic knob on the other.

#46-850 DRAW BOLT



Certain tapered shank accessories like the 46-940 screw center, 46-163 and 46-164 sanding drum, and the 46-935 adapter, are used in the lathe usually without the assistance of the tailstock. These accessories can work loose and come out of the spindle while the lathe is in operation. Therefore they must be securely held in the spindle. These accessories have a 1/4" 20 threaded hole in the tapered end and should only be used together with the Delta 46-850 Draw Bolt.



1. Place the accessory in the spindle and insert the draw bolt from the opposite end, threading it into the accessory, and tighten.

Wood Turning Tools

Complete set of eight basic tools. Made of a special, high-grade alloy steel with precision ground cutting edges. Handles are extra long and of choice hardwoods. Heavy gauge metal ferrules firmly join the 10¼" long handles and steel tongs to give long tool life. Blades are 6" long; overall length, 17". 1 lb.

No. 46-121 1" Skew.

No. 46-124 1/2" Skew.

No. 46-122 3/4" Gouge.

No. 46-126 1/2" Gouge.

No. 46-123 1/4" Gouge.

No. 46-125 1/8" Parting Tool.

No. 46-127 1/2" Spear Point.

No. 46-128 1/2" Round Nose.

No. 46-130 Set of above eight chisels. 51/2 lbs.

Tungsten Alloy Tipped Turning Chisels

For cutting metals such as brass, bronze, aluminum, and mild steel free-hand as easily as wood and plastic. Two styles—square nose and round nose. Two sizes—%4" for fine work and 17%4" for large, heavy work. Have an extremely long life with little or no sharpening required. 1 lb.

No. 46-801 Square Nose, %4".

No. 46-802 Round Nose, %4".

No. 46-803 Square Nose, 17/64".

No. 46-804 Round Nose, 17/64".

No. 46-491 Tool Rest. For use with metal spinning tools. Has multiple openings for positioning of fulcrum pin. 3½ lbs.

Metal Turning Accessories

When equipped with metalworking accessories, your lathe can turn non-ferrous metals, do drilling and boring operations, etc.

No. 46-961 Compound Slide Rest. Accurately built with dovetail ways and graduated compound base that rotates 360°. Feed screws are covered to protect them from dirt and chips—fitted with micrometer sleeves, accurately graduated. With tool post, rocker, washer and wrench. 31 lbs.

Holder, Boring Bars, Tool Bits

For use with the No. 46-961 Slide Rest. Holder is extremely useful and many uses can be found for it. Holds both boring bars and ¼" square bits. Holder has two holes to facilitate holding tool. Made of case hardened tool steel.

No. 46-963 Holder for Boring Bar and Tool Bits. 1 lb.

No. 46-966 Boring Bars, set of three, 1/8", 3/16" and 1/4". 1/2 lb.

No. 46-954 Tool Bits, set of four, high-speed steel, $\frac{1}{4}$ " x $\frac{1}{6}$ ", includes roughing, finishing, right corner and left corner. $\frac{1}{2}$ lb.

No. 46-939 60° Plain Center for metal turning, hardened and ground. % lb.

Chucks

No. 46-950 4", 3-Jaw Universal Type Threaded 1"—8 R. H. Has three internal and three external jaws. 5 lbs.

No. 46-951 4", 4-Jaw Independent Type Threaded 1"—8 R. H. Has one set of jaws, reversible for internal or external work. 3½ lbs.

Centers

All with No. 2 M.T. shank.

No. 46-933 Spur Drive. For headstock. Has replaceable center pin, hardened and polished. 1/8 lb.

No. 46-439 Cup, Dead. For tailstock. Has replaceable center pin, hardened and polished. 1/4 lb.

No. 46-940 Screw Center. Excellent for turning small, delicate work. With 1\%16" long replaceable screw. Has 11\%2" diameter face 1\%2 lb.

No. 46-968 Geared Chuck with key. For drilling on the lathe. 0 to 1/2" capacity. 2 lbs.

No. 46-935 Adapter. With $\frac{1}{2} \times 1\frac{1}{6}$ " plain shank. Permits use of all attachments with $\frac{1}{2}$ " bore. $\frac{3}{6}$ lb.

No. 46-490 Ball Bearing Center with three replaceable centers and wrench. Husky and true running with no chatter. Has doublerow, sealed, lubricated-for-life bearings to take exceptionally heavy radial and thrust loads. 1 lb.

Knockout Bar

No. 46-905 Knockout Bar, 10%" from end of tip to ball. For removing centers and other attachments. 1 lb.

Draw Bolts

For holding No. 2 M.T. attachments, including sanding drums and screw centers. With ¼"—20 thread. 1 lb.

No. 46-916 Draw Bolt with ¼"—20 thread for hollow spindles which are 13½" long. For 12" Heavy Duty Wood Lathe. 1 lb.

No. 46-850 Draw Bolt with 1/4"—20 thread for hollow spindles which are 93/4" long. For 12" Standard Duty Wood Lathe.

Face Plates and Hand Wheel

With 1"-8 thread.

No. 46-936 Face Plate. 3" diameter with R.H. thread. For small and medium face plate work. ½ lb.

No. 46-937 Face Plate. 6" diameter with R.H. and L.H. thread to fit spindles with 1"—8 thread. For large face plate work. 2 lbs.

No. 46-938 Hand Wheel. 5" diameter. Fits L.H. end of lathe spindle with 1"—8 thread. For quick positioning of work or rapid stopping of lathe. 2 lbs.

Continued on next page



Delta Wood Lathe Accessories

Sanding Drums

No. 46-163 Abrasive Drum, 3 x 3", with No. 2 M.T. shank, 2 lbs.

No. 46-164 Abrasive Drum, 13/4 x 2", with No. 2 M.T. shank, 1 lb.

Sanding Sleeves

3" diameter x 3" Sleeves. Package of 6. For use with 46-163 Sanding Drum.

No. 46-138 Coarse Garnet. No. 11/2 grit. 1/2 lb. No. 46-832 Medium Garnet. No. 1/2-60

arit. 1/2 lb. No. 46-338 Aluminum Oxide (for metal). No. 1-50 grit. 1/2 lb.

13/4" Diameter x 2" Sleeves. Package of 6. For use with 46-164 Sanding Drum.

No. 46-638 Coarse Garnet. No. 11/2-40 grit. 1/4 lb.

No. 46-837 Medium Garnet. No. 1/2-60 grit. 1/4 lb.

No. 46-838 Aluminum Oxide (for metal). No. 1-50 grit. 1/2 lb.

Tool Rests and Bases

Heavy and strong with 1" diameter shank.

No. 46-690 Tool Rest. 4" wide. 1 lb.

No. 46-805 Tool Rest. 6" wide. 2 lbs.

No. 46-692 Tool Rest. 12" wide. 2 lbs.

No. 46-431 Calibrated Tool Rest. 12" wide. Has a calibrated, hardened steel insert for making accurate measurements and divisions on work, 4 lbs.

No. 46-694 Tool Rest. 24" wide. For extra long turnings. Has two 1" diameter shanks. Requires an extra 46-171 Tool Support Base for use on lathe. 41/2 lbs.

No. 46-695 Right Angle Tool Rest. Especially useful for face plate work. 2 lbs.

No. 46-171 Tool Rest Base. Has V-shaped hole for 1/2 to 1" diameter shank tool rests. With universal locking mechanism. 9 lbs.

No. 46-430 Off-Set Tool Rest Base. With V-shaped hole for 1/2 to 1" diameter shank tool rests. For face plate turning on extra large stock over the gap. 4 lbs.

No. 46-468 Steady Rest. Capacity up to 21/4" diameter. Prevents spring and vibration when working long, thin stock. Has heavy cast iron base with sliding arms of steel. 7 lbs.

Floor Stand

No. 46-697 Floor Stand. Heavy and rigid. For face plate work on the outboard end of the spindle. Has V-hole to accommodate tool support with 1/2 to 1" shank. 42 lbs.

Brad Point Drill Bits

Grinding and Buffing Accessories

With 1/2" hole. Use with No. 46-144 and 46-145 Arbors, 2 lbs.

No. 23-001 Grinding Wheel, 1/2" x 6" diameter, 46 grit, coarse, aluminum oxide. 134

No. 23-002 Grinding Wheel, 1/2" x 6" diameter, 60 grit, fine, aluminum oxide. 134 lbs.

No. 23-620 Grinding Wheel, 5/8" x 6" diameter, 36 grit, coarse, aluminum oxide. 2 lbs

No. 23-621 Grinding Wheel 5/6" x 6" diameter, 60 grit, fine, aluminum oxide. 2 lbs.

No. 23-113 Wire Brush, 6" diameter, coarse, set of two. 1 lb.

No. 23-114 Wire Brush, 6" diameter, fine, set of two, 1 lb

No. 23-511 Fiber Brush, 6" diameter, Tampico fiber, set of two, 1 lb.

No. 23-005 Buffing Wheel, 1/2" x 6" diameter, circular stitching. 1 lb.

Screw-On Arbors for 1/2" Hole Accessories

No. 46-144 Screw-On Arbor, with 1"-8 R.H. thread. For mounting grinding wheels, buffing wheels, wire brushes, etc. 1 lb.

No. 46-145 Screw-On Arbor. Same as No. 46-144 except with 1"-8 L.H. thread. 1 lb.

Buffing Compounds

Giant one pound bars of the most common compounds used for buffing, polishing and cleaning all types of materials.

Number	Description	Use
23-007	Rouge (Red)	For gold, silver and other precious metals
23-008	Rouge (White)	For nickel, chromium, iron, stainless steel, cast brass and aluminum
23-009	Emery (Black)	For removing rust, scale and tarnish
23-010	Tripoli (Brown)	For aluminum, brass, copper, pewter, wood, plastic

No. 23-004 Buffing Compound Kit. Consisting of 1/4 lb. bars of compounds: Rouge Red, Rouge White, Emery Black and Tripoli Brown, 1 lb.

Disc Sanding Accessories

No. 46-934 Sanding Disc with one garnet disc. 81/2" diameter. With 1"-8 R.H. thread. 3 lbs.

Abrasive Paper Discs

Garnet, package of 12, 81/2" diameter, fine and coarse, for use with 46-934 Sanding Disc. 1 lb.

No. 46-815 Garnet Paper Disc, 40 grit, coarse

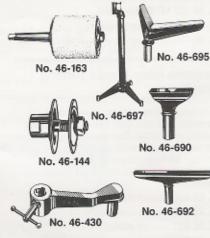
No. 46-817 Garnet Paper Disc, 80 grit, fine. No. 49-503 Disc Adhesive. Special quickdrying type for changing from one abrasive disc to another in a few minutes. 1 lb.

No. 34-226 Miter Gage. With stop rods and clamp, 11/2 lbs.

Gap Filler Block

Provides rigid tool support for metal spinning, thin face plate turnings, any work that must be done right at the headstock. Can be mounted on a bench beyond tailstock end of lathe bed for extra long turnings. The No. 46-697 Floor Stand is recommended for this operation.

No. 46-440 Filler Block for mounting in gap or beyond bed of 12" Heavy Duty Wood Lathes bearing Serial No. 124-9001 and higher. 6 lbs.











No. 46-440

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Ft. Lauderdale 33334 Master Repair Inc. 1031: NE 43rd Place 305-566-5833

Pensacola 32581 Electric Mtr. Svc. Inc. 3810 Hopkins St. 904-433-5492

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Honolulu 96819 Slim's Power Tools, Inc. 1626 Republican Street 808-841-0902

Handlein 96817 John Grinnon Co., Inc 345 N. Nimitz Hwy. 808-538-7333

Kahului 96732 Maui Power Tool Service 251 H2 Lalo Street 808-877-3440

IDAHE

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IOWA.

Davenport 52803 Industrial Engr. Equipment Co 1958 River Street 319-323-9721

Des Moines 50309 Puckett Electric Tools Inc 515-244-4189 KANSAS

Wichita 67213 Richmond Electric Co. 911 Manle 316-264-2344

MAINE Portland 04104 M and W Electric 38 Portland Street 207-772-2057

MASSACHUSETTS

Springfield 01105 Saw Center 472 Main Street 413-734-2045

MISSISSIPPI

Jackson 39204 Flannigan Electric Co. Inc. 328 Oaktale Street 601-354-2756

MONTANA

Billings 59101 Allen's Electric Tool Repair 431 St. John's 406-248-3865

Great Falls 59405 Mosch Electric Co. 326 Third Avenue South 406-453-24RT

City Electric Electro Service Center Div. 1919 Harve 406-549-4115

NEBRASKS

Omaha 68152 Thacker Electric Co. 2209 Curning Street 402-341-2264

NEVADA

Las Vegas 89109 Tool Service Inc 3229 Industrial Road 702-734-9161

Reno 89504 Landa Electric Co. 140 Manuel Street 702-329-0633

NEW HAMPSHIRE

Keene 03431 G&R Electric Mtr. Repair 453 Winchester Street 603-352-3422

NEW JERSEY

Jersey City 07304 Rudolf Bass Inc. 45 Halladay Street 201-433-3800

NEW MEXICO

Albuquerque 87108 J-M Tool Repair Co. 116 Tennessee NE 505-255-2304

Albuquerque 87107 Telco Electric Inc 2906 Fourth Street NW 505-345-2426

NEW YORK

Kingston 12401 Fawler & Keith Supaly Co. 104 Smith Avenue 914-331-0004

New York 10013 Rudolf Bass Inc 175 Latayette Street 212-226-4000

Rochester 14608 Jackson Saw & Knife Co. 517 State Street 716-546-7485

Rochester 14609 0. G. Schwarz 430 Atlantic Avenue 716-482-9282

Schenectady 12303 Barrett Elec. Service Inc. 112 Henry Street 518-374-4416

Vestal 13850 Cascade Electric Inc. 416 Commerce Road 607-729-5278

NORTH DAKOTA

Fargo 58107 Acme Electric Motor, Inc. Box 2048 701-235-8060

Grand Forks 58201 Acme Electric Motor, Inc. 1705 13th Avenue North 701-746-6481

Bismarck 58501 Acme Electric Motor, Inc. 1009 Basin Avenue

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Daviso 45432 Authorized Tool Service Co. 3787 Dayton Xema Road 513-429-5593 Professional Tool Service 10265 Spartan Drive, Bidg. H. 513-772-1490

North Canton 44720 N. Canton Repair Shop 110 6th Street E. 216-455-3529

Toledo 43605 Power Tool Sales & Service 2934 Douglas Road 419-473-0962

Youngstown 44512 Moff Master Power Tools 5228 Market Street 216-783-2130

OREGON

Eugene 97402 Jim's Teel Service 515 Wilson Street 515-344-1513

Medical 97501 Ken's Saw Shop 1838 Delta Waters Road 503-779-1490

Medford 97504 Precision Power Tool Repair Inc. 3001 Crater Lake Avenue 503-770-5541

PENNSYLVANIA

Allentown 18103 Curio Electric Repair 825 S. 5th 215-432-9923

Monroeville 15146 Professional Tool Service 700 Seco Road Monroeville Industrial Park 412-373-7440

Philadelphia 19106 Swanger Brothers 116 North 3rd Street 215-925-6139

SOUTH CAROLINA

Charleston 29411 Charleston Supply Co. 5555 King Street Ext. 803-722-8851

Charleston 29407 **Belta Electric Motors** 1906 Meeting Street 803-577-5670

Columbia 29203 Mann Electric Repair Co. 3600 Main Street 803-252-7777

Greenville 29602 Poe Corporation P.O. Box 168 803-271-9000

SOUTH DAKOTA

Sioux Falls 57106 Stan Houston Equipment Co. 501 S. Marrion Road 605-336-3727

TENNESSEE

Knoxville 37917 Shop Equipment Service Co. 2706 North Broadway 615-688-3574

Nashville 37210 Hermitage Tool Inc. 947 4th Avenue South 615-254-0820 Nashville 37203

K&K Tools 606 Demontreun Street 615-255-9541 TEXAS

Amarillo 79105 G.E. Jones Electric Co. 204 North Polk St. 806-372-5505

Austin 78758 The Tool Box 9904 Gray Boulevard 512-836-5483

Corpus Christi 78405 Otto Dukes Machinery Co. 2588 Morgan Street 512-883-0921

El Paso 79950 Francis Wagner Co. 1225 Texas Avenue 915-533-2235

Fort Worth 76111 Modern Tool Repair 2704 E. Belknap 817-834-1111

Haltom City 76117 C&D Tool Repair Service 2532 Carson Avenue 817-834-2277

Lubback 79405 Lubback Electric Co. Inc. 1108 34th Str 805-744-2336

Mission 78572 City Power Tool 703 E 9th 512-581-3272

804-625-0378

VIRGINIA

Norfolk 23517 Bryan Electric Company Inc. 424 West 25th Street

Roanoke 24013 Roanoke Armature Co 110 8-1/2 Street S.E 703-345-8741

WASHINGTON Kennewick 99336 Tool Repair Company 419A West Entiat 509-586-6145

Spokane 99202 Spokane Power Tool E 801 Trent Avenue 509-489-4202

Yakima 98901 Cooper Electric Motor Senice 205 S. 4th Avenue 509-452-9650

WEST VIRGINIA

Huntington 25701 Lawter Electric Motor Co. 202 Adams Avenue 304-522-8297

Wheeling 26003 Kennedy Hardware 3300 McCulloch Street 304-233-3600

WISCONSIN

LaCrosse 54601 A-Line Machine Tool Co. 415 LaCrosse St. 608-785-1515

Madison 53713 Electric Motors Unlim 1000 Jonathan Drive 608-271-2311

WYDMING

Casper 82601 Casper Saw Shop 147 S. McKinley 307-237-3279

Sierra Bayamon 00619

PUERTO RICO

B&M Electric Tool Repair Center Calle 49, Bloque 51 Casa 27 Avenue West Main 809-787-2287

FACTORY SERVICE CENTERS

Birmingham 35209 Porter-Cable Corporation 131 W. Oxmoor Road, Suite 105 205-942-6325

CALIFORNIA

Las Angeles 90007 Porter-Cable Corporation 2400 S. Grand Avenue 213-749-0386

Orange 92668 Porter-Cable Corporation 385 North Anaheim Blvd 714-634-4111

San Leandro 94577 Porter-Cable Corporation 3039 Teagarden Street P.O. Box 1913 415-357-9762

Van Nuys 91406 Delta International Machinery Corp. 16259 Stagg Street 818-989-1242

COLORADO Denver 80207 Porter-Cable Corporation 4900 E. 39th Avenue 303-388-5803

CONNECTICUT Manchester 06040 Porter-Cable Corporation 57 Tolland Turnpike 203-646-1078

FLORIDA

Hialeah 33014 Porter-Cable Corporation 16373 NW 57th Ave. 305-624-2523

Orlando 32803 Porter-Cable Corporation 1807 1/2 Winter Park Road 305-644-8100

Tampa 33609 Porter-Cable Corporation 4536 W. Kennedy Blvd. 813-877-9585

GEORGIA Forest Park 30050 Porter-Cable Corporation 4017 Jonesboro Road

404-363-8000 ILLIMOIS

Addison (Chicago) 60101 Porter-Cable Corporation 311 Laura Drive 312-628-6100

LOUISIANA

Kenner 70062 Porter-Cable Corporation 2440-0 Veterans Memorial Hwy. 504-469-7363

Baltimore 21205 Porter-Cable Corporation 4714 Endman Avenue 301-483-3100

Hyarroulle 20781 Porter-Cable Corporation 4811 Kenilworth Avenue 301-779-8080

MASSACHUSETTS Boston (Allston) 02134 Porter-Cable Corporation 414 Cambridge Street 617-782-1700

MICHIGAN

Grand Ranids 49506 Porter-Cable Corporation 2750 Birchcrest Drive S.E. 616-949-9040

Southfield (Detroit) 48075 Porter-Cable Corporation 18650 W. Eight Mile Road 313-569-4333

MINNESOTA

Minneapolis 55429 Porter-Cable Compretion 4315 68th Avenue North 612-561-9080

North Kansas City 64116 Porter Cable Corporation 1141 Swift Asenue

\$1. Louis 63139

NEW JERSEY

Union 07083 Porter Cable Corpo 945 Ball Avenue 201-964-1730

NEW YORK

Flushing 11365 Porter-Cable Corporation 175-25 Horace Harding Expwy-212-225-2040

Manhattan 10013 Porter-Cable Corporation

Syracuse 13224 Porter-Cable Corporation 2740 Erie Boulevard E 315-445-1922

NORTH CAROLINA Charlotte 28209 Porter-Cable Corporatio 4612 South Boulevard 704-525-4410

OHIO Porter-Cable Corporation 4560 Indianola Avenue 614-263-0929

OKLAHOMA Oklahoma City 73107 Porter-Cable Corporation 3631 N.W. 23rd Street 405-946-5437

OREGON

Portland 97212 Porter-Cable Corporation 51 N.E. Hancock 503-288-6888

PENNSYLVANIA

Bensalem 19020 Porter Cable Corporation Expressway 95 3599 Meadow Lanes 215-638-4114 RHODE ISLAND

Providence, 02914 Porter Cable Corporation 1009 Waterman Avenue 401-434-3620

TENNESSEE Memphis 38116 Porter-Cable Corporation 1004 East Brooks Road 901-332-1353

214-631-7855

Houston 77092

TEXAS Dallas 75247 Porter-Cable Corporation 3160 Commonwealth Drive Suite 180 Commonwealth Plaza

Porter-Cable Corporation 5201 Mitchelldale, Suite B-9 713-682-0334 San Antonio 78218 Porter-Cable Corporation

2600 N.E. Loop 410 512-654-1061 HATH

Salt Lake City 84115 Porter-Cable Corporation 2990 S.W. Temple 801-487-4953

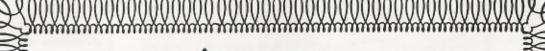
Richmond 23220 Porter-Cable Corporation 1705 Dabriey Road 804-257-7348

VIRGINIA

WASHINGTON Renton 98055 Porter Cable Corneration 268 Southwest 43rd Street 206-251-6680

WISCONSIN

Milwaukee 53222 Porter-Cable Corporation 10700 W. Burleigh Street 414-774-3650



DELTA

Delta Machinery One Year Limited Warranty

Delta Machinery will repair or replace, at its expense and at its option, any Delta machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer notifies his supplying distributor of the alleged defect within one year from the date of delivery to him, of the product and provides Delta Machinery with reasonable opportunity to verify the defect by inspection. Delta Machinery may require that electric motors be returned prepaid to the supplying distributor or authorized service center for inspection and repair or replacement. Delta Machinery will not be responsible for any asserted defect which has resulted from misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized Delta service facility or representative. Under no circumstances will Delta Machinery be liable for incidental or consequential damages resulting from defective products. This warranty is Delta Machinery's sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by Part No. 400-06-652-5002