

Parts List No. 30-B

for

9-inch South Bend
Precision
Lathes and Attachments

Models A, B, and C

SOUTH BEND LATHE WORKS
425 East Madison St., South Bend 22, Ind., U. S. A.

HOW TO ORDER REPLACEMENT PARTS

Return Old Part If Possible

The best way to order replacement parts is to send the old part to the factory with the order. This will avoid delay or possible error. Shipping charges should be prepaid.

Specify Serial Number of Lathe

Always state the serial number of the lathe for which the part is required. The serial number is stamped on top of the lathe bed between the V-way and flat way at the tailstock end (See Fig. 1). This number is an index to the size, type, and model of the lathe.



Fig. 1—Serial Number Location

Ordering by Part Number

If it is inconvenient to return the old part to the factory, be sure to give the following information when ordering repair parts:

- (1) Serial number of lathe.
- (2) Correct number and name of part.
- (3) Quantity required.

Do not fail to state serial number of lathe. All part numbers are base numbers only and are the same for corresponding parts on all sizes and models of South Bend Lathes. The serial number of the lathe is the index to the size, type, and model of each individual lathe. Both the part number and the serial number are required to identify a part.

Send a Sketch

If the part needed can not be located in this parts list and it is inconvenient to return the old part to the factory, send a sketch of the part showing all principal dimensions. Also be sure to specify the serial number of the lathe.

Gears

As an added precaution when ordering gears, it is recommended that the dimensions indicated in Fig. 2 be given, in addition to the serial number

of the lathe and the part number. State number of teeth in gear, diameter "D", width "W", hole "H", and width of keyway "K".

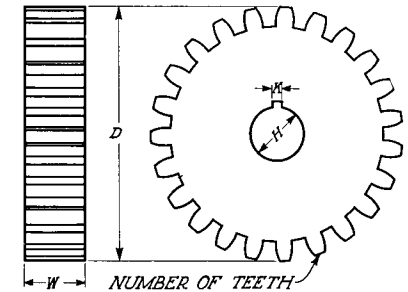


Fig. 2—Required Gear Dimensions

Threaded Parts

When ordering threaded parts, it is advisable to specify the outside diameter of the thread, number of threads per inch (See Fig. 3), and kind of thread form: Acme, U. S. Standard, or sharp "V". Also state whether thread is right- or left-hand, and give serial number of lathe and part number.

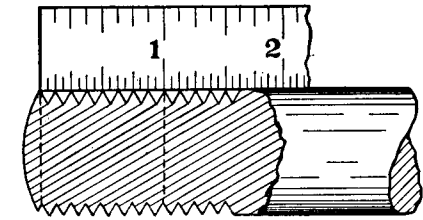


Fig. 3—Measuring Screw Threads
To determine number of threads per inch, count spaces in one inch.

Commercial Parts

Standard bolts, nuts, washers, wiring, conduit and fittings, wicking, gasket material, and similar items usually available from local sources of supply

are not all listed or numbered. If it is necessary to order such items from us, be sure to give complete description and specifications. Specify size and length of wire, cable, conduit, wicking, or hose. Specify type, and dimensions of gasket material. Give the diameter of the large end in thousandths, and length of taper pins. Specify style of head, diameter and length of thread, and total length under head for bolts and screws.

Motors and Controls

Repair parts for motors and controls can not be supplied by us, but can be ordered direct from the manufacturer whose address appears on the name plate attached to the motor or control. A complete replacement motor or control can be ordered from us if needed. Be sure to give complete specifications as they appear on the name plate of the old motor or control.

Chucks and Tools

Repair parts for chucks and tools can not be supplied by us, but can be ordered direct from the manufacturer whose name appears on the chuck or tool. Complete replacement chucks and tools can be ordered from our latest catalog.

LATHE UNIT PARTS

Nomenclature	Part No.	Nomenclature	Part No.
APRON (Models A and B, Power Cross-Feed)			
Cross-Feed Gears			
Gear (57 teeth)	85		
Pinion (22 teeth)	87		
Pins, Gear to Pinion (2)	160X18		
Screw, Shaft Lock	122X208		
Shaft, Gear	231		
Spring, Shaft Gear Lock	357		
Wick, Shaft Oil	256X3		
Half-Nut			
Cam, Half-Nut (with Stud)	74		
Half-Nut (pair, with Pins)			
For use with English Lead Screw	72		
For use with Metric Lead Screw	2236		
Pin, Cam Retaining	351		
Screw, Cam Retaining Pin	122X604		
Screw, Half-Nut Shoulder (with Nuts, 2 used)	350		
Spring, Cam Retaining Pin	162X5		
Handwheel			
Handle	165X2		
Handwheel	71		
Pin, Taper	168X108		
Pinion (14 teeth)	225		
Spring, Pinion Lock	409		
Main Casting			
Gasket, Reservoir Back Plate	412		
Main Casting	70		
Oiler, Handwheel Pinion Shaft	255X23		
Oiler, Reservoir	255X3		
Plate, Reservoir Back	227		
Plug, Reservoir Drain	189X29		
Screws, Back Plate (4)	101X104		
Tube, Oil	215X4		
Power Feed Clutch			
Expander, Shoe (pair)	353		
Gear, Worm (36 teeth)	77		
Knob	82		
Pins, Shaft (2)	160X22		
Screw, Knob	355		
Shaft, Clutch	223		
Shoes (pair)	352		
Sleeve, Pinion (21 teeth)	80		
Spring	162X19		
Power Feed Shifter			
Cam, Idler Gear	83		
Gear, Idler (45 teeth)	86		
Knob, Lever Plunger	88		
Lever	84		
Pin, Lever Taper	168X210		
Pin, Plunger Knob	160X10		
Plunger, Cam Lock	97		
Plunger, Lever	89		
Spring, Lever Plunger	162X35		
Rack Gears			
Gear (43 teeth)	76		
Pin, Gear to Pinion	160X18		
Pinion (14 teeth)	204		
Rack, Longitudinal Feed	275		
Screw, Stud Lock	120X108		
Screws, Rack Mounting	444		
Stud, Gear	228		
Wick, Stud Oil	256X3		
Worm			
Collar, Worm	208		
Key, Worm to Lead Screw	159X1		
Pin, Collar	160X19		
Wick, Worm Oil	256X3		
Worm	203		
APRON (Model C, Hand Cross-Feed)			
Half-Nut			
Cam, Half-Nut (with Stud)	74J		
Half-Nut (pair, with Pins)			
For use with English Lead Screw	72		
For use with Metric Lead Screw	2236		
Pin, Cam Retaining	351		
Screw, Cam Retaining Pin	122X606		
Screw, Half-Nut Shoulder (with Nuts, 2 used)	350		
Spring, Cam Retaining Pin	162X34		
Handwheel			
Handle	165X2		
Handwheel	71		
Pin, Taper	168X108		
Pinion (14 teeth)	225		
Spring, Pinion Lock	409		
Main Casting			
Main Casting	70J		
Oiler, Handwheel Pinion Shaft	255X23		
Tube, Oil	215X4		
Rack Gears			
Gear (43 teeth)	76		
Pin, Gear to Pinion	160X18		
Pinion (14 teeth)	204J		
Rack, Longitudinal Feed	275		
Screws, Stud Lock	120X108		
Screws, Rack Mounting	444		
Stud, Gear	228J		
Wick, Stud Oil	256X3		
BENCH LEGS (For Horizontal or Countershaft Drive Lathes)			
Legs, Regular Bench (2)	436		
Screws, Bench Leg to Bed (8)	112X116		
BENCH LEGS (For Underneath Drive Lathes)			
Headstock Leg			
Bolt, Leg to Bench (short)	112X224		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
DOUBLE FRICTION COUNTERSHAFT (For over-head lineshaft use)			
Bolt, Leg to Bench (long)	112X232		
Gasket, Leg to Bench	195X3		
Leg, Bench	2625		
Nuts, Leg to Bench Bolt (2)	138X27		
Screws, Leg to Bed (4)	112X220		
Washers, Leg to Bench Lead (2)	161X82		
Washers, Leg to Bench Lock (2)	171X302		
Washers, Leg to Bench Steel (2)	161X17		
Clutch Shifter			
Bolt and Square Nut, Shifter Sleeve	143X209		
Cone, Clutch	109		
Lever, Clutch Cone Shifter	105		
Levers, Expansion Wedge (2)	102		
Nuts, Expansion Wedge Lever Lock			
Screw (2)	139X29		
Pins, Expansion Wedge Lever Taper (2)	168X310		
Rod, Shifter	262		
Screw, Shifter Sleeve Set	118X212		
Screws, Clutch Spider Set (2)	120X210		
Screws, Expansion Wedge Lever Lock (2)	243		
Screws, Shifter Lever Lock (2)	118X212		
Sleeve, Shifter Handle	108		
Spiders, Power Pulley Clutch (2)	101		
Washer, Shifter Sleeve Bolt	167X5		
Wedges, Expansion (2)	263		
Countershaft			
Boxes, Bearing (2)	106		
Collars (3)	104		
Countershaft	261		
Nut, Cone Pulley Lock Screw	139X27		
Oilers, Power Pulley (2)	255X32		
Plugs, Pulley (4)	266		
Pulley, Three-Step Cone	103		
Pulleys, Power (2)	100		
Screw, Cone Pulley Lock	120X212		
Screws, Collar Lock	120X206		
Springs, Power Pulley Oil Reservoir (2)	162X9		
Wicks, Bearing Boxes and Power Pulleys (4)	256X9		
Hangers			
Hanger, Countershaft (2)	107		
Nuts, Bearing Box Set Screw (2)	138X27		
Screws, Bearing Box Set (2)	118X228		
Screws, Hanger Mounting Lag (4)	132X116		
Washers, Lag Screw (4)	167X4		
FLOOR LEGS			
Leg, Floor (Bed to floor, 2 used)	3		
Screws, Bed to Leg (8)	112X116		
HEADSTOCK (For Horizontal or Countershaft Drive Lathes)			
Back Gears			
Bushing, Right-Hand Shaft Eccentric	438		
Gears, Back	361		
Lever, Shaft Bushing and	24		
Nut, Stop Screw Lock	139X26		
Pin, Bushing and Lever Taper	168X312		
Pin, Right-Hand Shaft Bushing Taper	168X310		
Screw, Oil Hole	101X604		
Screw, Stop	377		
Screw, Tension	376		
Compound Rest			
Base			
Base Casting	92		
Gib, Dovetail	221		
Screws, Base to Swivel Clamping (2)	147X312		
Screws, Gib Adjusting (5)	122X446		
Shoes, Base to Swivel Clamping (2)	211		
See "SADDLE" for Cross-Feed Nut.			
Swivel			
Nut, English Feed Screw	95		
Nut, Metric Feed Screw	2234		
Screw, Feed Screw Nut Lock	122X508		
Swivel Casting	91		
Tool Post			
Block	209		
Post	250		
Ring	251		
Rocker	252		
Screw	233		
Wrench	253		
Top			
Bushing, Feed Screw to Top Casting	94		
Collar, English Graduated	110		
Collar, Metric Graduated	2235		
Crank, Ball	277		
Gib, Dovetail	257		
Handle, Ball Crank	165X1		
Nut, Ball Crank	295		
Pin, Ball Crank to Feed Screw	160X17		
Screw, English Feed	230		
Screw, Graduated Collar Lock	122X103		
Screw, Metric Feed	2233		
Screws, Gib Adjusting (4)	122X444		
Shoe, Graduated Collar Lock Screw	166X1		
Top Casting	90		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Rod, Left-Hand Thread Turnbuckle (8 ³ / ₈ " long) -----	395	Countershaft	
Rod, Right-Hand Thread Turnbuckle -----	1946	Collar, Countershaft -----	735
Turnbuckle -----	1948	Countershaft -----	1960
Countershaft		Nut, Flat Belt Cone Pulley Screw Lock ---	139X27
Collar, Countershaft -----	735	Nut, V-Belt Cone Pulley Screw Lock (2) ---	139X25
Countershaft -----	1960	Pin, Countershaft Pulley Taper -----	168X514
Nut, Flat Belt Cone Pulley Screw Lock ---	139X27	Pulley, 2-Step Countershaft (for Motor Belt) ---	1937
Nut, V-Belt Cone Pulley Screw Lock (2) ---	139X25	Pulley, 3-Step Countershaft Cone (for Flat Belt) -----	103
Pin, Countershaft Pulley Taper -----	168X514	Pulley, 4-Step Countershaft Cone (for V-Belt) ---	431
Pulley, 1-Step Countershaft (for Motor Belt) ---	1936	Screw, Collar Lock -----	120X206
Pulley, 3-Step Countershaft Cone (for Flat Belt) -----	103	Screw, Flat Belt Cone Pulley Lock -----	120X212
Pulley, 4-Step Countershaft Cone (for V-Belt) -----	431	Screw, V-Belt Cone Pulley Lock (2) -----	120X112
Screw, Collar Lock -----	120X206	Wrench, V-Belt Cone Pulley Lock Screw ---	173X7
Screw, Flat Belt Cone Pulley Lock -----	120X212	Motor Control Switch	
Screw, V-Belt Cone Pulley Lock (2) -----	120X112	Switch, Drum Type Reversing (Base 2 ⁵ / ₁₆ " wide) -----	789R
Wrench, V-Belt Cone Pulley Lock Screw ---	173X7	Switch, Drum Type Reversing (Base 2 ³ / ₄ " wide) -----	790
Motor Control Switch		Motor Standard	
Switch, Drum Type Reversing (Base 2 ⁵ / ₁₆ " wide) -----	789R	Motor, Lathe Drive (State make, h.p., voltage, r.p.m., cycle, phase, and whether A.C. or D.C.) -----	778
Switch, Drum Type Reversing (Base 2 ³ / ₄ " wide) -----	790	Oilers, Countershaft Bearing (2) -----	255X20
Motor Standard		Pins, Motor Alignment (2) -----	160X46
Motor, Lathe Drive (State make, h.p., voltage, r.p.m., cycle, phase, and whether A.C. or D.C.) -----	778	Pulley, 2-Step Motor. (Specify r.p.m. and diameter of Motor Shaft) -----	2130
Oilers, Countershaft Bearing (2) -----	255X20	Screws, Motor Mounting (4) -----	112X212
Pins, Motor Alignment (2) -----	160X46	Standard Casting -----	2940
Pulley, 1-Step Motor (Specify r.p.m. and diameter of Motor Shaft) -----	2100	Washers, Motor Mounting Screw (4) ---	167X3
Screws, Motor Mounting (4) -----	112X212	Wicks, Countershaft Bearing (2) -----	256X9
Standard Casting -----	2940		
Washers, Motor Mounting Screw (4) ---	167X3	QUICK CHANGE ENGLISH GEAR BOX (For regular Model A Lathes using English Lead Screw)	
Wicks, Countershaft Bearing (2) -----	256X9	Cone Gears	
		Cone Gear (16 teeth) -----	615K16
		Cone Gear (18 teeth) -----	615K18
		Cone Gear (20 teeth) -----	615K20
		Cone Gear (22 teeth) -----	615K22
		Cone Gear (23 teeth) -----	615K23
		Cone Gear (24 teeth) -----	615K24
		Cone Gear (26 teeth) -----	615K26
		Cone Gear (28 teeth) -----	615K28
		Gear, Cone Shaft (at left end, 16 teeth) ---	624
		Gear, Right or Left-Hand Compound (32 teeth) -----	626
		Key, Cone Gear Shaft -----	164X22
		Pin (for four right-hand Cone Gears) ---	160X251
		Pin, Cone Gear (No. 615K16) Taper ---	168X310
		Pins, Right or Left-Hand Compound Pinion (4) -----	160X16
		Pinion, Left-Hand Compound (16 teeth) ---	623
		Pinion, Right-Hand Compound (16 teeth) ---	622
		Shaft, Cone Gear -----	614
		Wick, Cone Gear Shaft Oil -----	256X1
		Lead Screw (English)	
		Babbitt, Bracket Bearing -----	198X1
		Bracket, Lead Screw (Taistock end) -----	5

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Gear, Lead Screw (20 teeth) -----	628	Guard, Swinging (For lathe on steel bench having Underneath Motor Drive) -----	650
Key, Lead Screw Gear -----	164X2	Screw, Bracket to Bed Lock -----	118X214
Nuts, Lead Screw (2) -----	139X31	Screw, Bracket Thumb -----	131X21
Screw, Lead (with Thrust Collar) -----	629	Screws, Lubrication Chart Drive (4) -----	130X3
Screws, Bracket to Bed (2) -----	388	Stud, Guard Hinge -----	281
Main Casting		Tumblers	
Bar, Tumbler Guide -----	607	Bearings, Idler Gear (2) -----	384
Bushing, Cone Gear Shaft -----	601	Bushings, Plunger (2) -----	610
Bushing, Main Drive Shaft -----	606	Gears, Idler (32 teeth, 2 used) -----	605
Index Chart -----	1541	Gears, Shaft (20 teeth, 2 used) -----	621
Main Casting -----	600	Knobs, Plunger (2) -----	88
Oiler -----	255X20	Pin, Shaft Retaining -----	206X8
Pin, Main Drive Shaft Bushing -----	160X31	Pins, Idler Gear Bearing (2) -----	160X252
Pins, Guide Bar (2) -----	160X19	Pins, Plunger Bushing (2) -----	160X42
Plug, Oil Chamber -----	189X33	Pins, Plunger Knob (2) -----	160X27
Screws, Gear Box to Bed (3) -----	388	Plungers (2) -----	608
Screws, Guide Bar (2) -----	111X6	Shaft -----	620
Screws, Index Chart Drive (4) -----	130X103	Springs, Plunger (2) -----	162X50
Wick, Oil (Used in Main Casting bearings, 4 pieces) -----	156X3	Tumbler, Left-Hand -----	401
Wick, Oil (Used in Main Casting oil passages, 5 pieces) -----	156X9	Tumbler, Right-Hand -----	400
		Wicks, Shaft Oil (2) -----	256X1
Main Drive Shaft		QUICK CHANGE METRIC GEAR BOX (For Model A Lathes using Metric Lead Screw)	
Collar, Main Drive Shaft -----	604	Cone Gears	
Gear, Feed Reverse Stud (Kept on Main Drive Shaft when not in use on Headstock Feed Reverse Shaft, 40 teeth) -----	32K40	Cone Gear (16 teeth) -----	2254K16
Gear, Left-Hand Compound (32 teeth) -----	627	Cone Gear (18 teeth) -----	2254K18
Gear, Main Drive (56 teeth) -----	32K56	Cone Gear (20 teeth) -----	2254K20
Gear, Right-Hand Compound (32 teeth) ---	626	Cone Gear (22 teeth) -----	2254K22
Key, Main Drive Shaft (center) -----	164X17	Cone Gear (24 teeth) -----	2254K24
Key, Main Drive Shaft (outer end) ---	164X86	Cone Gear (26 teeth) -----	2254K26
Main Drive Shaft -----	603	Cone Gear (28 teeth) -----	2254K28
Nut, Main Drive Shaft -----	140X29	Cone Gear (30 teeth) -----	2254K30
Pin, Collar Taper -----	168X108	Gear, Right or Left-Hand Compound (32 teeth) -----	2256
Pins, Left-Hand Compound Gear -----	160X17	Key, Cone Gear Shaft -----	164X22
Pins, Right-Hand Compound Gear -----	160X16	Pin (for four left-hand Cone Gears) ---	160X251
Pinion, Left-Hand Compound (16 teeth) ---	625	Pin, Cone Gear (No. 2254K16) Taper ---	168X310
Pinion, Right-Hand Compound (16 teeth) ---	619	Pins, Right or Left-Hand Compound Pinion (4) -----	160X17
Washer, Main Drive Shaft -----	161X21	Pinion, Left-Hand Compound (24 teeth) ---	2262
Wick, Main Drive Shaft Oil -----	256X1	Pinion, Right-Hand Compound (16 teeth) ---	2255
		Shaft, Cone Gear -----	2265
		Wick, Cone Gear Shaft Oil -----	256X1
Primary Drive		Lead Screw (Metric)	
Bolt, Idler Gear -----	247	Babbitt, Bracket Bearing -----	198X1
Bushing, Idler Gear -----	38	Bracket, Lead Screw (Taistock end) -----	5
Gear Bracket Casting -----	31	Collar, Lead Screw Spacing -----	2264
Gear, Idler (80 teeth) -----	33	Gear, Lead Screw Compound (24 teeth) ---	2258
Guard, Bracket Safety -----	389	Gear, Lead Screw Compound Pinion (16 teeth) -----	2259
Nut, Idler Gear Bolt -----	140X29	Key, Lead Screw Gears -----	164X89
Screw, Bracket Lock -----	145X228	Nuts, Lead Screw (2) -----	139X31
Screws, Safety Guard (2) -----	101X308	Pins, Lead Screw Compound Gear (2) ---	160X17
Washer, Idler Gear Bolt -----	161X21	Screw, Metric Lead (with Thrust Collar) ---	2269
Wrench, Bracket Lock Screw -----	173X12	Screws, Bracket to Bed (2) -----	388
Primary Drive Gear Guards			
Babbitt, Stud to Guard -----	199X15		
Bracket, Guard to Bed -----	147		
Chart, Lubrication -----	416		
Guard, Swinging (For lathes having Hori- zontal Motor Drives) -----	146		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Main Casting			
Bar, Tumbler Guide	2268	Nut, English Cross-Feed Screw	65
Bushing, Cone Gear Shaft	2263	Nut, Metric Cross-Feed Screw	2231
Bushing, Main Drive Shaft	606	Pin, Ball Crank to Cross-Feed Screw	160X17
Index Chart	1542	Pin, Cross-Feed Nut Lock	358
Main Casting	2253	Screw, Cross-Feed Nut Lock	359
Oiler	255X20	Screw, English Cross-Feed	
Pin, Main Drive Shaft Bushing	160X31	(Used with Models A and B Power Feed Apron)	224
Pins, Guide Bar (2)	160X19	(Used with Model C Hand Feed Apron)	224J
Plug, Oil Chamber	189X33	Screw, Graduated Collar Lock	122X103
Screws, Gear Box to Bed (3)	388	Screw, Metric Cross-Feed	
Screws, Guide Bar (2)	111X6	(Used with Models A and B Power Feed Apron)	2230
Screws, Index Chart Drive (4)	130X103	(Used with Model C hand Feed Apron)	2230J
Wicks, Oil (Used in Main Casting Bearings, 4 pieces)	156X3	Shoe, Graduated Collar Lock Screw	166X1
Wicks, Oil (Used in Main Casting oil passages, 5 pieces)	156X9		
Main Drive Shaft			
Gear, Feed Reverse Stud (Kept on Main Drive Shaft when not in use on Headstock Feed Reverse Shaft, 50 teeth)	32K50	Main Casting	60
Gear, Main Drive (45 teeth)	32K45	Retainer, Left Wiper (2)	57
Gear, Main Drive Shaft (internal, with hub)	2257	Retainer, Right Wiper (2)	58
Key, Main Drive Shaft	164X86	Screw, Main Casting Oil Hole	122X102
Main Drive Shaft	2266	Screws, Saddle to Apron (2)	244
Nut, Main Drive Shaft	140X29	Screws, Wiper Retainer (4)	102X6
Pin, Main Drive Shaft Gear Taper	168X308	Wipers, Felt (4)	59
Washer, Main Drive Shaft Gears Spacing	2267		
Washer, Main Drive Shaft Nut	161X21	Saddle Gib	
Wick, Main Drive Shaft Oil	256X1	Gib, Rear Saddle to Bed	61
		Screws, Gib (2)	112X114
		Washers, Gib Lock (2)	171X305
		Saddle Lock	
		Lock, Saddle to Bed (with Pins)	62
		Screw, Lock	210
Primary Drive			
Use same list of parts under "Quick Change English Gear Box."			
Primary Drive Gear Guards			
Use same list of parts under "Quick Change English Gear Box."			
Tumblers			
Use same list of parts under "Quick Change English Gear Box", with this exception; only one No. 605 Idler Gear (32 teeth) is used and this with the No. 401 Left-Hand Tumbler. On the No. 400 Right-Hand Tumbler, instead of the No. 605 Idler Gear, use the following:			
Gear, Right-Hand Idler Compound (32 teeth)	2260		
Pins, Right-Hand Compound Idler Gear (2)	160X17		
Pinion, Right-Hand Idler Compound (16 teeth)	2261		
SADDLE			
Cross-Feed Screw			
Bushing, Cross-Feed Screw to Main Casting	63		
Collar, English Graduated	64		
Collar, Metric Graduated	2232		
Crank, Ball	276		
Handle, Ball Crank	165X1		
Nut, Ball Crank	295		
		Change Gear Guard	
		Babbitt, Stud to Guard	199X15
		Bracket, Guard to Bed	147
		Chart, Lubrication	416
		Guard, Swinging	146
		Index Chart, No. 5 (English lathe)	1525

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Index Chart, No. 6 (Metric lathe)	1526	Index Chart, No. 8 (Metric lathe)	1526J
Screw, Bracket Thumb	131X21	Screw, Bracket Thumb	131X21
Screw, Bracket to Bed Lock	118X214	Screw, Bracket to Bed Lock	118X214
Screws, Index Chart Drive (4)	130X103	Screws, Index Chart Drive (4)	130X103
Screws, Lubrication Chart Drive (4)	130X3	Screws, Lubrication Chart Drive (4)	130X3
Stud, Guard Hinge	281	Stud, Guard Hinge	281
Gear Bracket			
Bolts, Idler Gear (2)	247	Bolts, Idler Gear (2)	247
Bracket Casting	31	Bracket Casting	31
Bushings, Idler Gear Bolt (2)	38	Bushing, Idler Gear Bolts (2)	38
Gear, Compound (72 teeth)	36	Gear, Compound (54 teeth)	336
Gear, Idler (80 teeth)	33	Gear, Compound (72 teeth)	36
Nuts, Idler Gear Bolt (2)	140X29	Gear, Idler (80 teeth)	33
Pin, Compound Gear to Pinion	160X17	Nuts, Idler Gear Bolt (2)	140X29
Pinion, Compound (18 teeth)	37	Pinion, Compound (18 teeth, 2 used)	37
Screw, Bracket Lock	145X228	Pins, Compound Gears to Pinions (2)	160X17
Washers, Idler Gear Bolt (2)	161X21	Screw, Bracket Lock	145X228
Wrench, Bracket Lock Screw	173X12	Washers, Idler Gear Bolt (2)	161X21
		Wrench, Bracket Lock Screw	173X12
Lead Screw			
Babbitt, Lead Screw Bracket (Tailstock end)	198X1	Lead Screw	
Bracket, Lead Screw (Headstock end)	4	Babbitt, Lead Screw Bracket (Tailstock end)	198X1
Bracket, Lead Screw (Tailstock end)	5	Bracket, Lead Screw (Headstock end)	4
Collar, Spacing	35	Bracket, Lead Screw (Tailstock end)	5
Key, Lead Screw Gear	164X86	Collar, Spacing	35
Nut, Lead Screw	140X29	Key, Lead Screw Gear	164X86
Screw, English Lead (with Thrust Collar)	300	Nut, Lead Screw	140X29
Screw, Metric Lead (with Thrust Collar)	2238	Screw, English Lead (with Thrust Collar)	300J
Screws, Brackets to Bed (4)	388	Screw, Metric Lead (with Thrust Collar)	2238J
Washer, Lead Screw	161X21	Screws, Brackets to Bed	388
Wick, Bracket Oil	256X3	Washer, Lead Screw	161X21
		Wick, Bracket Oil	256X3
STANDARD CHANGE GEARS			
(For Model B Lathes equipped with Power Cross-Feed Aprons, without Quick Change Gear Box)			
Change Gears			
The following Gears are used on the lathe as shown by Index Charts, No. 5 or 6.			
Change Gear (16 teeth)	32K16		
Change Gear (24 teeth)	32K24		
Change Gear (28 teeth, Metric lathe only)	32K28		
Change Gear (30 teeth, Metric lathe only)	32K30		
Change Gear (32 teeth, 2 used)	32K32		
Change Gear (36 teeth)	32K36		
Change Gear (40 teeth)	32K40		
Change Gear (44 teeth)	32K44		
Change Gear (46 teeth, English lathe only)	32K46		
Change Gear (48 teeth)	32K48		
Change Gear (52 teeth)	32K52		
Change Gear (54 teeth, English lathe only)	32K54		
Change Gear (56 teeth)	32K56		
Change Gear (60 teeth)	32K60		
Change Gear (80 teeth, English lathe only)	32K80		
Change Gear Guard			
Babbitt, Stud to Guard	199X15		
Bracket, Guard to Bed	147		
Chart, Lubrication	416		
Guard, Swinging	146		
Index Chart, No. 5 (English lathe)	1525		
STANDARD CHANGE GEARS			
(For Model C Lathes equipped with Hand Cross-Feed Apron, without Quick Change Gear Box)			
Change Gears			
The following Gears are used on the lathe as shown by Index Charts, No. 7 or 8.			
Change Gear (16 teeth)	32K16		
Change Gear (24 teeth)	32K24		
Change Gear (28 teeth, Metric lathe only)	32K28		
Change Gear (30 teeth, Metric lathe only)	32K30		
Change Gear (32 teeth, 2 used)	32K32		
Change Gear (36 teeth)	32K36		
Change Gear (40 teeth)	32K40		
Change Gear (44 teeth)	32K44		
Change Gear (46 teeth, English lathe only)	32K46		
Change Gear (48 teeth)	32K48		
Change Gear (52 teeth)	32K52		
Change Gear (54 teeth, English lathe only)	32K54		
Change Gear (56 teeth)	32K56		
Change Gear (60 teeth)	32K60		
Change Gear (80 teeth)	32K80		
Change Gear Guard			
Babbitt, Stud to Guard	199X15		
Bracket, Guard to Bed	147		
Chart, Lubrication	416		
Guard, Swinging	146		
Index Chart, No. 7 (English lathe)	1527J		
TAILSTOCK			
Base			
Base Casting	51		
Bed Clamp			
Bolt, Clamp	143X214		
Clamp	56		
Nut, Clamp Bolt	283		
Washer	161X21		
Wrench	55		
Top			
Center, Spindle	360		
Handle, Handwheel	165X1		
Handwheel, Feed Screw	53		
Key, Spindle	286		
Lever, Binding	54		
Nut, Feed Screw to Top	52		
Pin, Handwheel Taper	168X106		
Quill, Center Lubricant	292		
Screw, Feed	226		
Screws, Set-over (2)	278		
Spindle (with English Graduated Scale)	201		
(with Metric and English Graduated Scale)	2237		
Top Casting	50		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
UNDERNEATH MOTOR DRIVE UNIT			
Belts			
Flat Leather, Countershaft to Lathe			
Headstock	2210		
V-Belt, Motor to Countershaft	3400		
Belt Tension Release			
Block, Eccentric	2603		
Crankshaft	2605		
Handle, Crankshaft	2609		
Knob, Handle	406		
Nut, Crankshaft Retaining Screw	139X25		
Pin, Block to Shaft Taper	168X410		
Pin, Crankshaft Stop	160X116		
Pin, Eccentric Block Release	2604		
Pin, Left-Hand Screw Clevis	1949		
Pins, Cotter (2)	170X206		
Plate, Release Indicator	417		
Screw, Crankshaft Retaining	121X112		
Screw, Handle to Shaft Lock	120X106		
Screw, Left-Hand Turnbuckle	2601		
Screw, Right-Hand Turnbuckle	2600		
Screw, Turnbuckle Lock	120X4		
Screws, Release Plate Drive	130X2		
Shoe, Turnbuckle Lock Screw	189X17		
Turnbuckle	2606		
Washer, Eccentric Release Pin	161X17		
Countershaft Parts			
Collar, Countershaft	735		
Countershaft	1960		
Nut, Cone Pulley Lock Screw	139X27		
Pin, Countershaft Pulley Taper	168X513		
Pulley, Three-Step Cone	103		
Pulley, Two-Step Countershaft (for Motor Belt)	1937		
Screw, Collar Lock	120X206		
Screw, Cone Pulley Lock	120X212		
Cradle Support			
Bolt, Rear Mounting Carriage	542X406		
Bolts, Top Mounting (2)	112X224		
Cradle Support Casting	2640		
Nuts, Mounting Bolt (3)	138X27		
Nuts, Pivot Screw (2)	139X29		
Screws, Pivot (2)	390		
Washers, Mounting Bolt (3)	167X3		
Washers, Mounting Bolt Lock (3)	171X302		
Headstock Guard Safety Lock			
Bolt, Lock Rod Bracket	112X336		
Bracket, Lock Rod	2607		
Collar, Lock Rod	2611		
Nut, Bracket Bolt	139X29		
Pin, Lock Rod Bracket	160X185		
Pin, Lock Rod Collar Taper	168X312		
Rod, Guard Cover Lock	2608		
Spring, Bracket Pin	162X20		
Washer, Bracket Pin Fibre	161X84		
Motor Control Switch			
Switch, Drum Type Reversing	790		
Motor Cradle			
Bolt, Balance Spring	112X116		
Bushings, Oiler (2)	386		
Cradle Casting	2540		
Key, Motor Pulley	201X12		
Motor, Lathe Drive. (State make, h.p., voltage, r.p.m., cycle, phase, and whether A.C. or D.C.)	778		
Nut, Balance Spring Bolt	139X25		
Oilers, Bearing (2)	255X44		
Pins, Motor Alignment (2)	160X46		
Pulley, Two-Step Motor (specify r.p.m. and diameter of Motor Shaft)	2130		
Screws, Motor Mounting (4)	113X216		
Spring, Balance	2638		
Springs, Bearing Oiler (2)	2610		
Washer, Balance Spring Bolt	161X12		
Washers, Motor Mounting Screw (4)	161X16		

Read Pages 3, 4, and 5 before ordering parts

ATTACHMENT PARTS

Nomenclature	Part No.	Nomenclature	Part No.
BORING AND TURNING TOOL (Heavy Duty)			
Bar Holder			
Clamp, Compound Rest Top	1451		
Holder Main Casting	1450		
Nut, Clamp Stud	283		
Pin, Clamp to Stud Lock	160X19		
Plate, Base Swivel	1454		
Screws, Boring Bar Locking (2)	124X420		
Stud, Clamp	1452		
Washer, Clamp Stud Nut	161X30		
Boring Bar Assembly			
Bar, Boring (complete with Cutter Bit, ready for use)	2119W		
CHIP PANS			
For Floor Leg Lathe			
Leg, Long (Pan to floor, 2 used)	470		
Leg, Short (Bed to Pan, 2 used)	8		
Pan (state Bed length of lathe)	1275		
Screws, Bed to Short Leg (8)	112X116		
Screws, Short Leg thru Pan to Long Leg (8)	112X116		
For Horizontal Drive Bench Lathe			
Pan (state Bed length of lathe)	1275		
COLLET RACK			
Bracket, Bed Mounting	782		
Clamp, Bracket	863		
Hook, Draw Tube	781		
Nut, Clamp Adjusting Screw Lock	137X25		
Rack	780		
Screw, Bracket Clamp	371		
Screw, Clamp Adjusting	122X624		
Screw, Hook Set	118X108		
Screws, Rack Set (2)	122X505		
Standard, Rack	497		
COOLANT PUMP AND EQUIPMENT			
Coolant Pan (For Horizontal Drive Bench Lathes)			
Legs, Coolant Pan Short (4 bolts thru Pan, 2 used)	8		
Pan (state Bed length of lathe)	1275		
Washers, Coolant Seal (fibre, Pan to Bench, 8 used)	161X76		
Coolant Pressure Line			
Bracket, Saddle Pipe Support	1283		
Clamps, Hose (2)	176X1		
Hose, Reservoir to Pipe Line (by the foot—state length required)	181X1		
Nozzle, Flexible	1302		
Pin, Bracket Aligning	160X52		
Screw, Bracket to Saddle	112X116		
Screw, Bracket Thumb	131X10		
Valve, Shut-off	176X2		
Note: Threaded pipe and pipe fittings are not listed here, but, if necessary, can be obtained from us by stating the diameter, length, etc., of the part needed.			
Coolant Return Drain Pipe			
Drain, Coolant Pan	1287		
Flange, Drain Packing	192X28		
Gasket, Packing Flange	1289		
Pipe, Coolant Return (Consists of Pipe, Mesh Screen, Screen Rings, End Plug, Drain Connecting Nut, and Gasket)	A1300		
Ring, Packing Flange Spacing	1294		
Screen, Drain	192X27		
Motor and Pump			
Coupling, Pump Shaft to 1/2" Motor Shaft	459		
Coupling, Pump Shaft to 5/8" Motor Shaft	1296		
Impeller, Pump	1293		
Motor, Pump Drive (State make, h.p., voltage, r.p.m., cycle, phase, and whether A.C. or D.C.)	778		
Nuts, Mounting Stud (4)	138X18		
Pin, Impeller to Shaft Taper	168X110		
Ring, Pump Impeller	534		
Screws, Shaft Coupling Lock (4)	120X105		
Shaft, Pump Impeller	462		
Studs, Motor Mounting (5 1/2" long, 4 used)	457		
Studs, Motor Mounting (6" long, 4 used)	458		
Supports, Motor (4)	1297		
Switch, Pump Motor Control (up to 440 volts A.C., Push-button Style)	192X15		
(all D.C. and 550 volts A.C., Toggle Style)	192X7		
Reservoir			
Cover, Pump Impeller Bottom	1291		
Cover, Top	1304		
Gasket, Bottom Cover	1292		
Main Casting (bottom section)	1310		
Main Casting (top section)	1311		
Pins, Top to Bottom Alignment (2)	160X66		
Screws, Bottom Cover (6)	112X10		
Screws, Top to Bottom Mounting (3)	114X232		
Washers, Bottom Cover Screw Fibre (6)	161X79		
Reservoir Support (For use with Steel Bench)			
Bolts (9)	101X610		
Bracket, Left Support Plate	1318		
Bracket, Right Support Plate	1317		
Nuts, Bolt (9)	139X23		
Plate, Support	1314		
Washers, Bolt (9)	161X6		
Washers, Bolt Lock (9)	171X111		
Splash Guard Equipment			
Dam, Front V-Way	474		
Dam, Rear V-Way	473		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Gasket, V-Way Dam Cork (2) -----	576X21	Nut, Metric Cross-Feed Screw -----	2252
Guard, Collet Splash -----	3102	Pin, Lock -----	358
Holder, Collet Splash Guard -----	3103	Screw, Lock Pin -----	359
Screw, Collet Splash Guard Mounting-----	101X308		
Screws, Splash Guard Holder Mounting (2) -----	103X308	Saddle Stop	
Screws, V-Way Dam Mounting (2) -----	103X212	Screw, Stop Saddle Mounting (2) -----	112X116
Washer, Splash Guard Screw -----	161X5	Stop Casting -----	809
		Washers, Stop Screw (2) -----	161X111
Splash Pan		Tool Holding Blocks	
(Used at back of lathe, fastens to Coolant Pan)		Block, Front -----	812
Clamps, Pan (3) -----	476	Block, Rear -----	813
Nuts, Clamp Screw (3) -----	139X23	Bolt, Front Block Clamp -----	114X244
Nuts, Clamp Screw Wing (3) -----	141X23	Bolt, Rear Block Clamp -----	114X252
Pan (state Bed length of lathe) -----	468	Gib, Left-Hand Tool -----	449
Screws, Clamp (3) -----	101X624	Gib, Right-Hand Tool (2) -----	448
		Nuts, Clamping Bolt Tee Slot (2) -----	741
		Nuts, Gib Adjustment (3) -----	818
DIAMOND DRESSER HOLDING FIXTURE		Pins, Stud Lock (3) -----	160X21
(For Tailstock Spindle)		Screws, Tool Locking (9) -----	121X116
Holder, Diamond Dresser -----	1250	Studs, Gib Adjusting Nut (3) -----	817
Screw, Holder Spindle Clamping -----	371	Wrench, Tool Locking Screw -----	173X7
Screws, Diamond Dresser Locking (2) -----	120X114		
		ELECTRIC GRINDER	
		Bearings, Spindle Ball (2) -----	502
		Bracket, Motor Mount -----	1578
		Cap, Frame End -----	1592
		Clamp, Compound Rest Mounting -----	1577
		Flange, Wheel Mounting -----	1580
		Frame -----	1575
		Guard, Wheel -----	1576
		Motor, Electric	
		(State make, h.p., voltage, r.p.m., cycle, phase, and whether A.C. or D.C.) -----	778GR
		Nut, Clamp -----	283
		Nut, Grinding Wheel Mounting -----	139X32
		Nut, Spindle Thrust Take-Up -----	187X1
		Pin, Belt Tension Screw to Bracket -----	160X109
		Pin, Clamp to Stud Lock -----	160X19
		Pin, Cotter -----	170X206
		Pulley, Motor (for 1/2" Motor Shafts) -----	1583
		Pulley, Motor (for 5/8" Motor Shafts) -----	1582
		Pulley, Spindle -----	1584
		Screw, Belt Tension Adjusting -----	1587
		Screw, Motor Bracket Hinge -----	115X248
		Screw, Wheel Guard Mounting -----	112X110
		Screws, Motor Mounting (2) -----	112X110
		Screws, Motor Pulley Set (2) -----	122X506
		Spring, Spindle Thrust Tension -----	192X2
		Spindle -----	1579
		Stud, Clamp -----	1585
		V-Belt -----	1220
		Washer, Clamp Stud -----	161X22
		Washer, Guard Screw -----	161X12
		Washer, Spindle (large) -----	161X27
		Washer, Spindle (small) -----	161X68
		Wheel, Grinding (general purpose) -----	157X140
		Wheel, Grinding	
		(Special purpose—state kind of work being ground; material, finish desired, etc.) -----	157X
Base			
Base Casting -----	800		
Bushings, Feed Travel Stop (2) -----	810		
Gib, Base to Saddle Dovetail -----	801		
Guard, Stop Tee Slot Chip -----	821		
Nuts, Stop Screw Tee Slot (2) -----	811		
Pins, Oil Hole End (3) -----	160X240		
Plug, Oil Hole Screw -----	823		
Plug, Square Turret Mounting Screw Hole -----	122X706		
Screws, Chip Guard (3) -----	101X106		
Screws, Gib Adjusting (9) -----	122X446		
Screws, Stop Bushing (2) -----	114X110		
Handlever Cross-Feed			
Bushing, Rack Support Saddle -----	814		
Collar, Shaft -----	453		
Housing Casting -----	824		
Knob, Lever -----	406		
Lever, Shaft Hand -----	808		
Oiler, Shaft (2) -----	255X17		
Pin, Rack Support to Saddle Alignment-----	160X29		
Pin, Shaft to Lever Taper -----	168X210		
Pinion, Segment -----	805		
Rack, Feed -----	820		
Screw, Collar Lock -----	121X5		
Screw, Saddle Bushing -----	114X216		
Screws, Housing to Base Mounting (2) -----	114X216		
Screws, Rack Mounting (2) -----	103X107		
Shaft, Segment Pinion -----	807		
Support, Rack -----	804		
Wrench, Mounting Screw -----	173X12		
Wrench, Saddle Cross-Feed Spanner -----	452		
Power Cross-Feed Nut			
Nut, English Cross-Feed Screw -----	799		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
		FOLLOWER REST	
Frame -----	130		
Jaw (2) -----	128		
Screws, Jaw Adjustment (2) -----	118X128		
Screws, Jaw Lock (2) -----	112X116		
Screws, Saddle Mounting (2) -----	112X132		
Washers, Jaw Lock Screw (2) -----	161X12		
Washers, Mounting Screw (4) -----	161X63		
		HANDLEVER BED TURRET	
Base			
Base Casting -----	3000		
Cam, Lock Bolt -----	3020		
Gibs, Horizontal (2) -----	3035		
Gibs, Side (2) -----	3036		
Lever, Indexing -----	3026		
Nuts, Side Gib Screw Lock (5) -----	138X18		
Oilers, Horizontal Gib Way (2) -----	255X20		
Pin, Indexing Lever Pivot -----	3027		
Pin, Indexing Lever Stop -----	160X48		
Pin, Indexing Lever to Pivot Pin Taper-----	168X5		
Pin, Lock Bolt Cam Spring -----	160X48		
Pin, Pivot Pin Spring -----	160X21		
Pins, Side Gib Anchor (2) -----	160X18		
Pivot Pins, Lock Bolt Cam (2) -----	3022		
Screws, Front Side Gib Adjusting (5) -----	125X112		
Screws, Horizontal Gib (8) -----	3132		
Spring, Indexing Lever -----	3028		
Spring, Lock Bolt Cam -----	3021		
Wicks, Felt (2) -----	256X8		
Wrench, Side Gib Screw -----	173X4		
Base to Bed Clamp			
Bearing Blocks, Cone (2) -----	3125		
Clamp, Base to Lathe Bed -----	3139		
Cone, Front Clamp -----	3127		
Cone, Rear Clamp -----	3126		
Nut, Clamp Rod -----	136X25		
Pin, Front Cone to Block -----	160X16		
Pin, Rod to Front Cone -----	160X6		
Rod, Clamp -----	3128		
Screws, Cone Bearing Block Mounting (4) -----	114X124		
Wrench, Clamp Rod Nut -----	2		
Handlever Assembly			
Bearing, Pivot Block Needle -----	3134		
Bearings, Hinge Stud Needle (2) -----	384		
Bracket, Handlever Hinge -----	3118		
Handle, Handlever -----	3122		
Handlever -----	3121		
Hinge, Bracket Swivel -----	3120		
Oiler, Swivel Hinge -----	255X23		
Pins, Hinge Bracket Aligning (2) -----	160X52		
Pivot Block, Handlever -----	3119		
Screw, Handlever Pivot Shoulder -----	3123		
Screws, Hinge Bracket Mounting (2) -----	114X114		
Screws, Pivot Block to Handlever (2) -----	114X616		
Studs, Swivel Hinge Bearing (2) -----	3124		
Special Part			
Screw, Socket Head Saddle Lock -----	210		
Note: This Socket Head Lock Screw replaces the regular Square Head Saddle Lock Screw when the Handlever Bed Turret is used on the lathe.			
Turret Head			
Ball, Crank -----	3131		
Clamping Collar -----	3003		
Collar, Stud to Head Guide -----	3130		
Crank, Clamping -----	3006		
Gear, Stop Screw Indexing -----	3023		
Head Casting -----	3002		
Key, Clamping Collar to Stud -----	254X2		
Nut, Stud Head Adjustment -----	3009		
Oiler, Clamping Collar -----	255X41		
Pin, Gear Lock -----	160X21		
Pin, Plug to Head -----	253X11		
Pins, Indexing (6) -----	477		
Plug, Taper Centering -----	3129		
Plugs, Lock Bolt Slot (6) -----	3013		
Plugs, Tool Binder (6) -----	3010		
Screw, Adjustment Nut Lock -----	114X710		
Screw, Crank to Ball -----	122X510		
Screw, Plug to Head Adjustment -----	120X105		
Screws, Binder Plug (6) -----	112X212		
Spring, Head Raising -----	162X16		
Washer, Head Raising Spring -----	161X26		
Washers, Binder Plug Screw (6) -----	3037		
Wrench, Binder Plug Screw -----	702		
Turret Ram			
Bolt, Lock -----	3011		
Bushing, Lock Bolt -----	3012		
Gear, Index Shaft -----	3024		
Lever, Lock Bolt -----	3016		
Nut, Rotor Indexing Shaft -----	139X23		
Oiler, Indexing Shaft -----	255X23		
Oiler, Stop Screw Rotor -----	255X17		
Pin, Lock Bolt Lever Roller -----	3018		
Pin, Roller Pin Cotter -----	170X3		
Pin, Rotor to Shaft Taper -----	168X5		
Pin, Shaft to Gear Taper -----	168X6		
Pins, Plate to Rotor Aligning (2) -----	160X25		
Pivot Pin, Lock Bolt Lever -----	3019		
Plate, Stop Screw Rotor End -----	3005		
Ram, Casting -----	3001		
Retainer, Lock Bolt Spring -----	3015		
Roller, Lock Bolt Lever -----	3017		
Rotor, Stop Screw -----	3004		
Screw, Turret Head Stud Lock -----	120X1006		
Screws, Stop Screw Lock (6) -----	126X505		
Screws, Turret Travel Stop (6) -----	3029		
Shaft, Stop Screw Rotor Indexing -----	3030		
Shoes, Stop Screw Lock Screw (6) -----	189X17		
Spring, Lock Bolt -----	3014		
Spring, Lock Bolt Lever Return -----	162X34		
Stud, Turret Head -----	3008		
Wrench, Stop Screw Lock Screw -----	173X6		

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
HANDLEVER DRAW-IN COLLET ATTACHMENT			
Balls, Steel Bearing (8)	172X20	MILLING AND KEYWAY CUTTING ATTACHMENT	
Bolt, Handlever to Headstock Bracket	991	Base	
Bracket, Headstock to Handlever	993	(Compound Rest Mounting)	
Cap, Spindle Nose	995	Base Casting	825
Collar, Ball Bearing Race	981	Screw, Base to Compound Rest Lock	112X120
Handlever	990	Screw, Base to Main Casting Lock	112X120
Key, Collet Sleeve	493	Washers, Base Lock Screw (2)	161X12
Key, Spindle to Inside Cam Sleeve	999	Wrench, Lock Screw	723A
Nut, Bracket Bolt (2)	139X26	Feed Screw Main Casting	
Nut, Draw Tube Stop Adjustment	978	Bolt, Main Casting to Base Swivel	834
Nut, Lower Yoke Pivot Screw	139X26	Collar, English Feed Screw Graduated	829
Nut, Oiler Mounting	494	Collar, Feed Screw Retaining	833
Oiler	255X5	Collar, Metric Feed Screw Graduated	2243
Pin, Outside to Inside Sleeve Guide	160X69	Crank, Feed Screw	830
Pins, Ring Sector Spacing (2)	160X18	Handle, Crank Machine	165X3
Ring, Cam Ball Retainer	488	Main Casting	826
Ring, Draw Tube Snap	976	Nut, Swivel Bolt	136X29
Ring, Outside Cone Sleeve Snap	983	Pin, Feed Screw Crank	160X46
Ring Sectors, Bronze Yoke (pair)	988	Pin, Retaining Collar Taper	168X206
Screw, Draw Tube Stop Nut Lock	490	Pins, Swivel Bolt Anchor (2)	160X19
Screw, Friction Shoe Spring Retaining	489	Plug, Oil Hole	289
Screw, Handlever Lower Yoke Pivot	377	Screw, English Feed	832
Screw, Handlever Upper Yoke Pivot	492	Screw, Graduated Collar Lock	122X103
Shoe, Draw Tube Friction (fibre)	984	Screw, Metric Feed	2242
Sleeve, Inside Cam	979	Shoe, Graduated Collar Lock Screw	189X15
Sleeve, Outside Cam Yoke Cone	986	Washer, Swivel Bolt	161X21
Sleeve, Spindle Collet	795	Vise Casting	
Spring, Friction Shoe Pressure	162X52	Casting	827
Stud, Headstock	997	Gib, Dovetail	835
Tube, Collet Draw	975	Nut, English Feed Screw	828
Wick, Ring Sector Space	256X11	Nut, Metric Feed Screw	2241
Wrench, Spindle Nose Cap Spanner	457	Screw, Feed Nut Mounting	111X14
HANDWHEEL COLLET ATTACHMENT			
Cap, Spindle Nose	995	Screws, Gib Adjusting (4)	122X210
Handwheel	798	Screws, V-Block Clamping (2)	836
Key, Collet Sleeve	493	V-Blocks, Vise (Tool Holding, 2 used)	831
Pins, Handwheel to Tube Lock (2)	160X44	MILLING CUTTER ARBOR (For Milling Attachment)	
Sleeve, Draw Tube	794	Arbor (No. 3 Morse Taper)	850
Sleeve, Spindle Collet	795	Collar, Cutter Spacing (1/4" thick)	851
Tube, Draw	793	Collar, Cutter Spacing (5/16" thick, 2 used)	852
Wrench, Spindle Nose Cap Spanner	457	Collar, Cutter Spacing (1/2" thick)	853
MICROMETER CARRIAGE STOP			
Clamp, Bed	1201	Key, Arbor Cutter	164X54
Collar, Graduated	1203	Nut, Arbor	136X41
Frame	1200	PIPE CENTER	
Nut, Clamp Adjusting Screw Lock	137X23	Arbor	910
Oiler, Ball Valve	255X17	Center, Cone (1/2" to 3" pipe capacity)	911
Pin, Graduated Collar	160X18	Center, Cone (3" to 5" pipe capacity)	912
Screw, Bed Clamp	210	PLAIN CARRIAGE STOP	
Screw, Clamp Adjusting	122X520	Clamp, Bed	1201
Screw, Lock	1204	Nut, Clamp Adjusting Screw Lock	137X23
Shaft, Micrometer	1202	Screw, Bed Clamp	210
Shoe, Lock Screw	1205	Screw, Clamp Adjusting	122X520
		Stop Casting	1489

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
REAMER AND CUTTER GRINDING STOP (Mounts directly on Electric Grinder)			
Bars, Swivel (3)	1594	SHOE, LEFT-HAND ADJUSTABLE PILOT	
Screw, Grinding Stop Mounting (used on Grinder Wheel Guard)	120X4	Shoe, Left-Hand Adjustable Pilot	764
Screw, Stop Spring Mounting	103X210	Shoe, Right-Hand Adjustable Pilot	763
Screws, Swivel Bar Locking (3)	120X4	Wrench, Base Mounting Screw	173X12
Shank, Stop Spring Swivel	1595	STEADY REST	
Spring, Stop	1596	Base Casting	125
Wrench, Locking Screw	173X6	Bolt, Clamp	143X208
REAMER OR CUTTER GRINDING STOP AND DIAMOND DRESSER HOLDING FIXTURE (Bed Mounting Style)			
Arm, Swivel Socket	1226	Bolt, Top to Base Lock	217
Bar, Swivel (long)	1233	Clamp, Base to Bed	127
Bar, Swivel (medium)	1232	Jaws (3)	128
Bar, Swivel (short)	1231	Nut, Clamp Bolt	138X29
Base Plate	1225	Nut, Lock Bolt	138X25
Bolt, Bed Clamp	143X210	Pin, Lock Bolt	160X56
Clamp, Base to Bed	127	Pin, Top to Base Hinge	160X160
Nut, Clamp Bolt	136X29	Screws, Jaw Adjustment (3)	118X136
Screw, Swivel Arm Socket	112X16	Screws, Jaw Lock (3)	112X120
Screws, Long Shank Spring Mounting (2)	101X107	Top Casting	126
Screws, Short Shank Spring Mounting (2)	101X306	Washer, Clamp Bolt	167X4
Screws, Swivel Bar Lock (3)	119X108	Washer, Lock Bolt	161X12
Shank, Spring (long)	1234	Washers, Jaw Lock Screw (3)	161X12
Shank, Spring (short)	1227	TAPER ATTACHMENT	
Spring, Tapered (for long Shank)	1235	Compound Rest Base (Replaces regular Base No. 92)	
Spring, Vertical Full (for short Shank)	1229	Base Casting	485
Washer, Clamp Bolt	161X25	Gib, Dovetail	874
SQUARE TURRET TOOL BLOCK (Double Tool Slide or Compound Rest Styles)			
Head Indexing Pilot			
Pilot, Indexing	759	Nut, English Cross-Feed Screw	486
Screws, Pilot to Tool Head Mounting (4)	114X12	Nut, Metric Cross-Feed Screw	2272
Washers, Pilot Mounting Screw Lock (4)	171X111	Screw, Cross-Feed Nut Mounting	66
Tool Head			
Block, Tool Holding	743	Screws, Compound Rest Base to Swivel Clamping (2)	147X312
Rockers, Tool Adjustment (4)	744	Screws, Gib Adjusting (6)	122X446
Screws, Tool Locking (12)	121X116	Shoes, Compound Rest Base to Swivel Clamping (2)	211
Wrench, Tool Locking Screw	173X7	Metric Graduated Scale (Add on Metric Lathes)	
Turret Base			
Base Casting	740	Pin, Plate to Slide Bar Aligning	160X19
Block, Compound Rest Swivel Raising	762	Plate, Metric Scale	2239
Bolt, Pilot Lock	751	Screws, Plate Mounting (2)	103X8
Eccentric, Lock Bolt	758	Saddle Bracket	
Handle, Eccentric	750	Bracket Casting	862
Knob, Handle Ball	406	Gib, Dovetail	859
Nut, Double Tool Slide Tee Slot	741	Pins, Bracket Alignment (2)	160X82
Pin, Eccentric Handle Lock	160X25	Screws, Bracket to Saddle Mounting (2)	112X220
Pin, Eccentric Retaining	160X28	Screws, Gib Adjusting (4)	122X444
Pins, Pilot Shoe Guide (2)	160X258	Slide Bar	
Plug, Lock Bolt Hole	189X42	Babbitt, Bracket Tie Rod Bearing	198X1
Screw, Lock Bolt Oil Hole	122X102	Bar Casting	860
Screws, Base Mounting (2)	114X212	Bracket, Tie Rod to Bed	864
Screws, Pilot Shoe Adjustment (2)	761	Clamp, Bracket	863
Screws, Pilot Shoe Lock (2)	107X110	Nut, Clamp Adjusting Screw Lock	137X25
		Nut, Tie Rod	136X29
		Pin, Cotter	170X206
		Plug, Bracket	876
		Rod, Tie	865
		Screw, Clamp Adjusting	122X624
		Screw, Clamp Lock	371
		Screws, Stop (2)	111X108
		Washers, Tie Rod (2)	161X23

Read Pages 3, 4, and 5 before ordering parts

Nomenclature	Part No.	Nomenclature	Part No.
Swivel Bar		Gear, Small Transposing (100 teeth) -----	903
Bar Casting -----	869	Guard, Special Swinging Gear -----	906
Pin, Swivel -----	160X132	Index Chart, No. 5 (Model B, only) -----	1525
Screws, Swivel Lock (2) -----	872	Index Chart, No. 7 (Model C, only) -----	1527J
Washers, Swivel Lock Screw (2) -----	857	Index Chart, No. 9 -----	1529
Top Slide Block		Pin, Transposing Gear Lock -----	160X17
Block Casting -----	861	Screw, Bracket Thumb -----	131X21
Gib, Block to Swivel Bar -----	870	Screw, Bracket to Bed Lock -----	118X214
Lever, Binder -----	873	Screws, Index Chart Drive (8) -----	130X103
Pin, Binder Stud -----	160X44	Screws, Lubrication Chart Drive (4) -----	130X3
Screws, Gib Adjusting (4) -----	122X444	Stud, Guard Hinge -----	281
Stud, Binder -----	867		
Washer, Binder Stud -----	857	TRANSPOSING ATTACHMENT, METRIC TO ENGLISH	
		(For Model A Metric Lathes)	
THREAD CUTTING STOP		Change Gear (40 teeth) -----	32K40
Plug, Lock -----	418	Change Gear (44 teeth) -----	32K44
Screw, Lock -----	122X606	Change Gear (52 teeth) -----	32K52
Screw, Stop to Saddle Adjusting -----	245	Change Gear (56 teeth) -----	32K56
Stop Casting -----	67	Collar, Change Gear Spacing -----	35
		Gear, Large Transposing (135 teeth) -----	2249
THREAD DIAL INDICATOR		Gear, Transposing (127 teeth) -----	901
Dial -----	888	Index Chart, No. 4 -----	1544
Frame -----	886	Pin, Transposing Gear Lock -----	160X17
Oiler, Ball Valve Shaft -----	255X16	Screws, Index Chart Drive (4) -----	130X103
Screw, Apron to Mounting Stud -----	120X6		
Screw, Dial Set -----	122X104	TRANSPOSING ATTACHMENT, METRIC TO ENGLISH	
Screw, Frame to Mounting Stud -----	120X6	(For Models B and C Metric Lathes)	
Screw, Worm Set -----	120X6	Babbitt, Stud to Guard -----	199X15
Shaft, Worm to Dial -----	891	Bracket, Guard to Bed -----	907
Stud, Frame to Apron Mounting -----	889	Change Gear (18 teeth) -----	32K18
Worm Wheel -----	887	Change Gear (22 teeth) -----	32K22
Wrench (for No. 120X6 Screws) -----	173X6	Change Gear (26 teeth) -----	32K26
		Change Gear (52 teeth) -----	32K52
TRANSPOSING ATTACHMENT, ENGLISH TO METRIC		Change Gear (54 teeth) -----	32K54
(For Model A Lathes)		Change Gear (64 teeth) -----	32K64
Change Gear (26 teeth) -----	32K26	Change Gear (80 teeth; for Model B, only) -----	32K80
Change Gear (28 teeth) -----	32K28	Chart, Lubrication -----	416
Change Gear (32 teeth) -----	32K32	Collar, Change Gear Spacing -----	2251
Change Gear (36 teeth) -----	32K36	Gear, Compound (48 teeth) -----	2248
Change Gear (44 teeth) -----	32K44	Gear, Large Transposing (135 teeth) -----	2249
Change Gear (48 teeth) -----	32K48	Gear, Transposing (127 teeth) -----	901
Collar, Change Gear Spacing -----	35	Guard, Special Swinging Gear -----	906
Gear, Large Transposing (127 teeth) -----	901	Index Chart, No. 6 (for Model B) -----	1526
Gear, Small Transposing (100 teeth) -----	903	Index Chart, No. 8 (for Model C) -----	1526J
Index Chart, No. 3 -----	1543	Index Chart, No. 10 -----	1520
Pin, Transposing Gear Lock -----	160X17	Pin, Compound Gear Lock -----	160X17
Screws, Index Chart Drive (4) -----	130X103	Pin, Transposing Gear Lock -----	160X17
		Pinion, Compound (24 teeth) -----	2247
TRANSPOSING ATTACHMENT, ENGLISH TO METRIC		Screw, Bracket Thumb -----	131X21
(For Models B and C Lathes)		Screw, Bracket to Bed Lock -----	118X214
Babbitt, Stud to Guard -----	199X15	Screws, Lubrication Chart Drive (4) -----	130X3
Bracket, Guard to Bed -----	907	Screws, Index Chart Drive (4) -----	130X103
Change Gear (18 teeth) -----	32K18	Stud, Guard Hinge -----	281
Change Gear (20 teeth) -----	32K20		
Change Gear (22 teeth) -----	32K22	WOOD TURNING TOOL REST	
Change Gear (26 teeth) -----	32K26	(Compound Rest Style)	
Change Gear (28 teeth) -----	32K28	Rest, Large Tool -----	878
Change Gear (100 teeth) -----	32K100	Rest, Small Tool -----	877
Chart, Lubrication -----	416	Screw, Swivel to Tool Rest Locking -----	120X208
Gear, Large Transposing (127 teeth) -----	901	Swivel, Tool Rest Socket -----	885