

PARTS LIST

FOR 9-INCH "WORKSHOP" SOUTH BEND LATHES
MODELS A, B, AND C

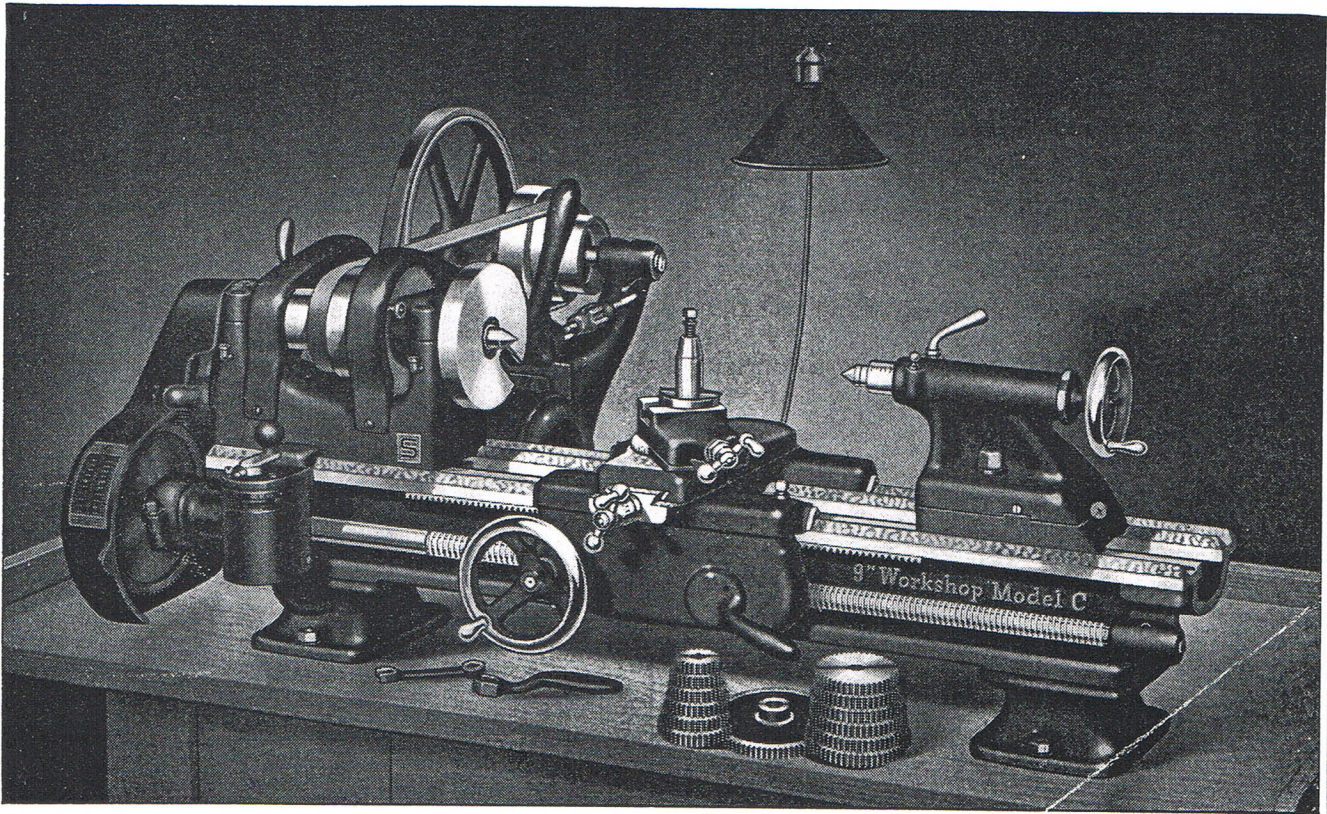


Fig. 1. 9-inch "Workshop" South Bend Horizontal Motor Driven Lathe—Model C.

Care of the Lathe

The back-gearred, screw cutting lathe is a precision tool, and when properly installed and cared for, will give a lifetime of service. Oil your lathe at regular intervals and check it from time to time to see that it is level. See pages 6 and 7.



SOUTH BEND LATHE WORKS

Lathe Builders Since 1906

482 Niles Avenue - - - South Bend, Indiana, U. S. A.

How to Order Replacement Parts

For 9-inch "Workshop" South Bend Lathes Models A, B, and C

The part numbers and names of the various parts for 9-inch "Workshop" South Bend Lathes, Models A, B, and C, are illustrated, and listed in this bulletin.

The best way to order repair parts for your lathe is to send the old part in to the factory with your order. This reduces the possibility of mistakes, and assures prompt shipment of the replacement part.

If it is inconvenient to return the old part to the factory, be sure to specify the Serial Number of the lathe, as well as the name, and number of the part wanted. If the part cannot be located in this bulletin, send us a sketch of the part showing the principal dimensions.

All orders for repair parts will be shipped parcel post or express C.O.D., unless remittance in full is enclosed with the order.

When ordering gears and threaded parts be sure to give the required information as outlined on Pages 9 and 10.

Be Sure to Specify Serial Number of Lathe

The serial number of your lathe is stamped on top of the lathe bed between the V-way and flat way at the tailstock end. This number is an index to the size, type, and model of your lathe and should always be specified when repair parts or attachments are ordered.

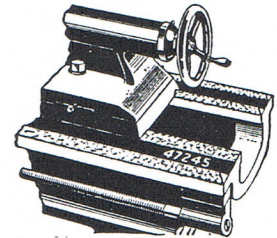


Fig. 2. Serial Number.

Repair Parts for Attachments

Repair parts can be supplied for all attachments for South Bend Lathes. When ordering parts for attachments send us the old or broken parts with your order, or a sketch giving dimensions of the parts wanted.

Attachments, and Accessories for Lathe

A list of attachments, chucks, tools, and accessories which can be fitted to your 9-inch "Workshop" Lathe are listed on the back cover of this bulletin. A copy of Catalog No. 50 in which these attachments are illustrated, described, and priced will be mailed free on request.

Mail Orders for Replacement Parts To

SOUTH BEND LATHE WORKS

Lathe Builders Since 1906

482 Niles Avenue - - - South Bend, Indiana, U. S. A.

Saddle, and Compound Rest Parts for 9-inch "Workshop" Lathes—Models A, B, and C

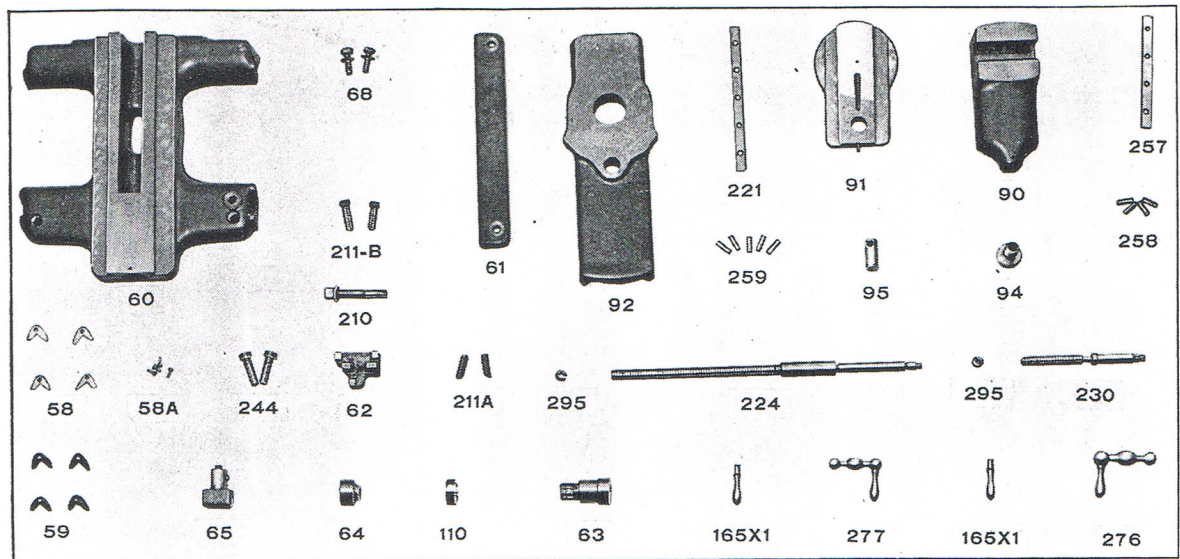


Fig. 3. Saddle, and Compound Rest Parts for 9-inch "Workshop" Lathes—Models A, B, and C.

Part No.	NAME OF PART
58	Saddle Felt Retainers
58A	Saddle Felt Retainer Screws
59	Saddle Felts
60	Saddle
61	Saddle Gib
62	Saddle Lock
63	Cross Feed Bushing
64	Cross Feed Graduated Collar, Punching and Screw
65	Cross Feed Nut with Pin and Lock Screw
68	Saddle Gib Screws with Washers
90	Compound Rest Top
91	Compound Rest Swivel
92	Compound Rest Base
94	Compound Rest Bushing
95	Compound Rest Nut
110	Compound Rest Graduated Collar, Punching and Screw

Part No.	NAME OF PART
165X1	Cross Feed Handle
165X1	Compound Rest Handle
210	Carriage Lock Collar Screw
211A	Compound Rest Lock Pins
211B	Compound Rest Lock Pins
221	Compound Rest Base Gib
224	Cross Feed Screw
230	Compound Rest Screw
244	Apron to Saddle Screw
257	Compound Rest Top Gib
258	Compound Rest Top Gib Screws
259	Compound Rest Base Gib Screws
276	Cross Feed Ball Crank with Handle
277	Compound Rest Ball Crank with Handle
295	Compound Rest Screw Nut
295	Cross Feed Screw Nut

Tailstock Parts for Models A, B, and C Lathes

Part No.	NAME OF PART
50	Tailstock Top
51	Tailstock Base
52	Tailstock Nut
53	Tailstock Hand Wheel with Handle and Pin
54	Tailstock Binding Lever
55	Tailstock Wrench
56	Tailstock Clamp
161X21	Clamp Bolt Washer
165X1	Hand Wheel Handle
201	Tailstock Spindle
226	Tailstock Screw
260	Tailstock Center
278	Tailstock Set-Over Screws
279	Tailstock Clamp Bolt
283	Tailstock Clamp Bolt Nut
286	Tailstock Spindle Key
292	Oil Reservoir Plug

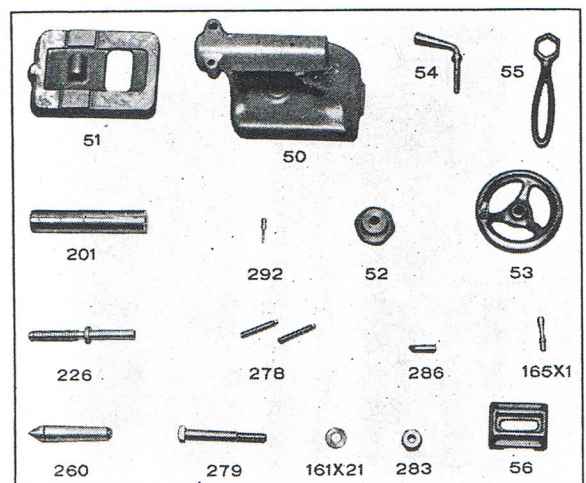


Fig. 4. Tailstock Parts for 9" "Workshop" Lathes.

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS: The serial number of your lathe is stamped on the bed between the V-way and flat way at the tailstock end. This number is an index to the size, type, and model of lathe and should always be specified when repair parts or attachments are ordered. See page 2.

Apron Parts

for 9-inch "Workshop" Lathes—Models A and B

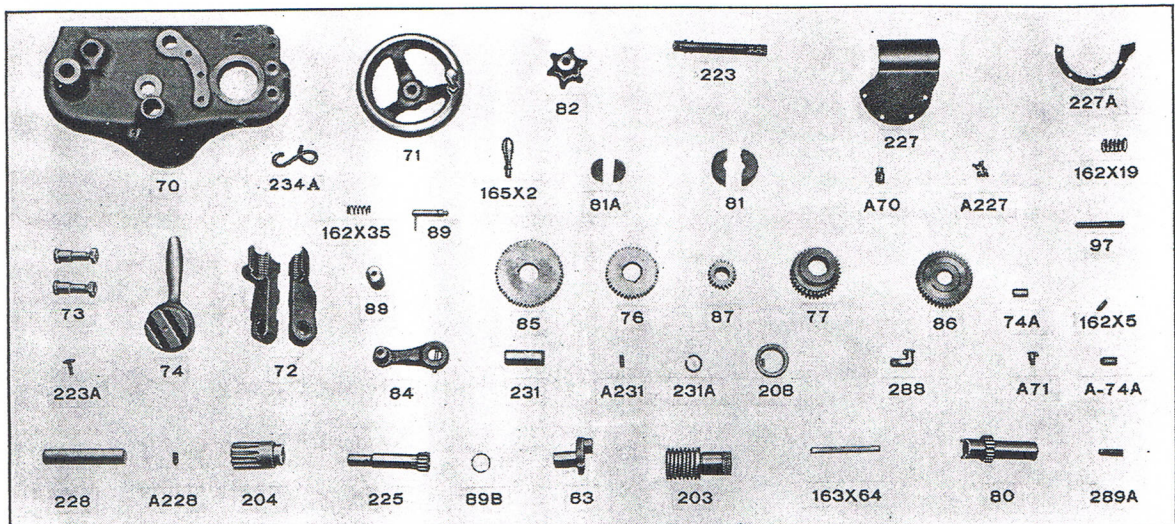


Fig. 5. Apron Parts for 9-inch "Workshop" South Bend Lathes—Models A and B.

Part No.	NAME OF PART	Part No.	NAME OF PART
70	Apron.....	162X35	Shifter Plunger Spring.....
71	Hand Wheel with Handle and Pin.....	163X64	Worm Key.....
72	Half-Nuts with Pins.....	165X2	Hand Wheel Handle.....
73	Half-Nut Studs with Nuts.....	203	Apron Worm.....
74	Half-Nut Cam with Pin.....	204	Rack Pinion.....
74A	Cam Pin.....	208	Worm Collar.....
76	Rack Pinion Gear.....	223	Clutch Screw.....
77	Worm Gear.....	223A	Clutch Knob Screw.....
80	Clutch Sleeve.....	225	Hand Wheel Pinion.....
81	Clutch Shoe.....	227	Oil Trough.....
81A	Clutch Shoe Expander.....	227A	Oil Trough Gasket.....
82	Clutch Knob.....	228	Rack Pinion Stud.....
83	Idler Gear Shifter.....	231	Cross Feed Compound Gear Shaft.....
84	Idler Gear Shifter Lever with Pin.....	231A	Cross Feed Compound Gear Shaft Spring.....
85	Cross Feed Compound Gear.....	234A	Oil Wick.....
86	Idler Gear.....	288	Reservoir Oiler.....
87	Cross Feed Compound Pinion.....	289A	Oil Tube.....
88	Shifter Knob.....	A-70	Oil Plug.....
89	Shifter Plunger with Pin.....	A-71	Hand Wheel Oiler.....
89B	Hand Wheel Pinion Spring.....	A-74A	Cam Retainer Pin Set Screw.....
97	Feed Lock Plunger.....	A-227	Oil Trough Screws.....
162X5	Cam Retainer Spring.....	A-228	Rack Pinion Stud Set Screw.....
162X19	Clutch Sleeve Spring.....	A-231	C.F. Compound Gear Shaft Set Screw.....

Apron Parts

for 9-inch "Workshop" Lathes—Model C

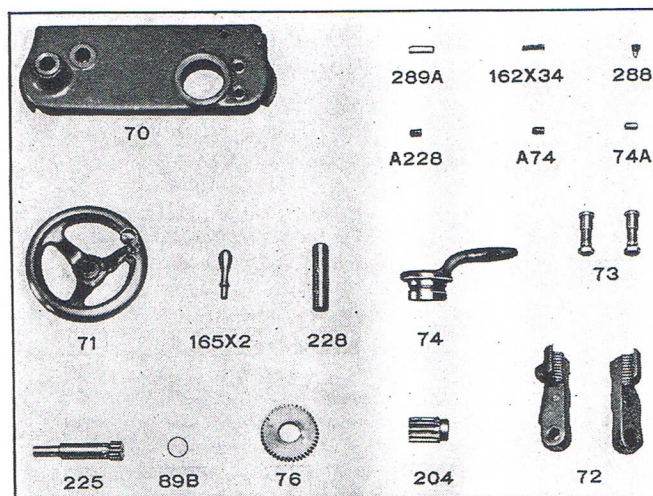


Fig. 6. Apron Parts for Model C 9" "Workshop" Lathes.

Part No.	NAME OF PART
70	Apron.....
71	Hand Wheel with Handle and Pin.....
72	Half-Nuts with Pins.....
73	Half-Nut Studs with Nuts.....
74	Half-Nut Cam.....
74A	Half-Nut Cam Pin.....
76	Rack Pinion Gear.....
89B	Hand Wheel Pinion Spring.....
162X34	Cam Retainer Spring.....
165X2	Hand Wheel Handle.....
204	Rack Pinion with Pin.....
225	Hand Wheel Pinion.....
228	Rack Pinion Stud.....
288	Hand Wheel Oiler.....
289A	Oil Tube.....
A-74	Cam Retainer Screw.....
A-228	Rack Pinion Stud Set Screw.....

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Headstock Parts for Overhead Drive Lathes for 9-inch "Workshop" Lathes—Models A, B, and C

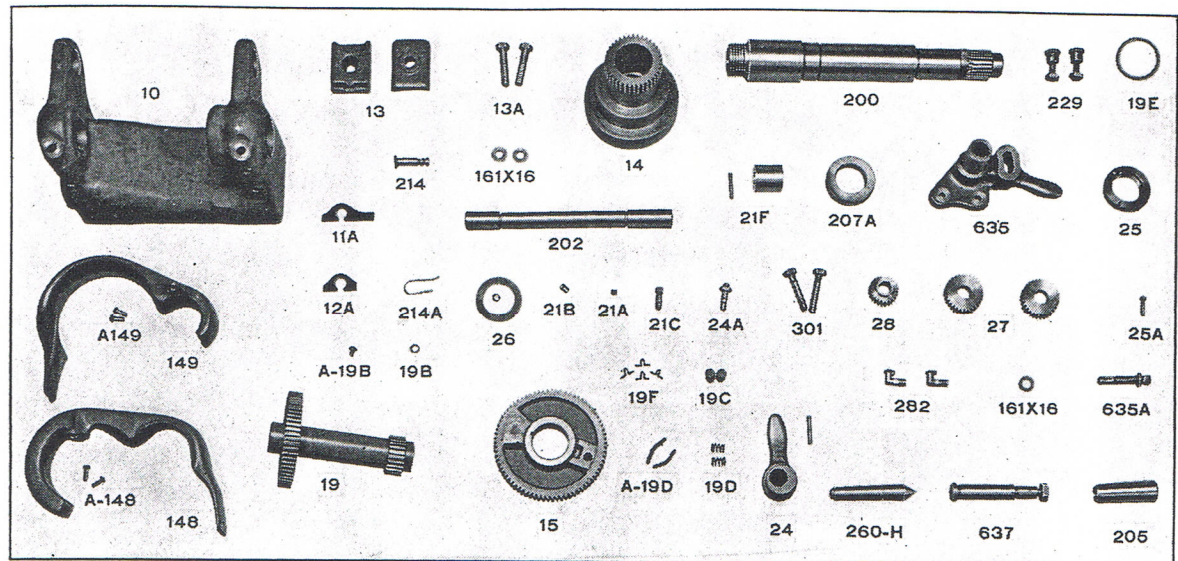


Fig. 7. Headstock Parts, Overhead Drive Type for 9-inch "Workshop" Lathes—Models A, B, and C.

Part No.	NAME OF PART	Part No.	NAME OF PART
10	Headstock.....	27	Reverse Twin Gears.....
11A	Headstock Shim—Large.....	28	Reverse Gear.....
12A	Headstock Shim—Small.....	148	Quill Gear Guard.....
13	Headstock Clamps.....	149	Bull Gear Guard.....
13A	Headstock Clamp Screws.....	161X16	Reverse Bracket Collar Screw Washer...
14	Spindle Cone (Flat Belt Drive).....	161X16	Headstock Clamp Screw Washers.....
14V	Spindle Cone (V-Belt Drive) not shown.	200	Headstock Spindle.....
15	Bull Gear with Key.....	202	Eccentric Shaft.....
19	Back Gear Assembly.....	205	Spindle Sleeve.....
19B	Oil Hole Washer.....	207A	Ball Bearing Thrust Collar.....
19C	Capillary Oiler Felt.....	214	Bull Gear Plunger.....
19D	Capillary Oiler Spring.....	214A	Bull Gear Plunger Spring.....
19E	Protecting Ring.....	229	Twin Gear Studs with Wicks and Nuts..
19F	Oil Return Clips.....	260-H	Headstock Center.....
21A	Back Gear Friction Spring.....	282	Headstock Oilers.....
21B	Back Gear Friction Spring Shoe.....	301	Headstock Cap Screws.....
21C	Back Gear Friction Spring Set Screw...	635	Reverse Bracket with Set Screws.....
21F	Eccentric Shaft Bushing and Pin.....	635A	Reverse Bracket Collar Screw.....
24	Back Gear Lever with Pin.....	637	Reverse Shaft with Nut and Key.....
24A	Back Gear Lever Stop Screw and Nut...	A-19B	Oil Hole Screw.....
25	Spindle Take-up Nut.....	A-19D	Felt Wick.....
25A	Spindle Take-up Nut Screw.....	A-148	Quill Gear Guard Screws.....
26	Spindle Take-up Nut Washer and Pin...	A-149	Bull Gear Guard Screws.....

Tool Post Parts for 9-inch "Workshop" Lathes—Models A, B, and C

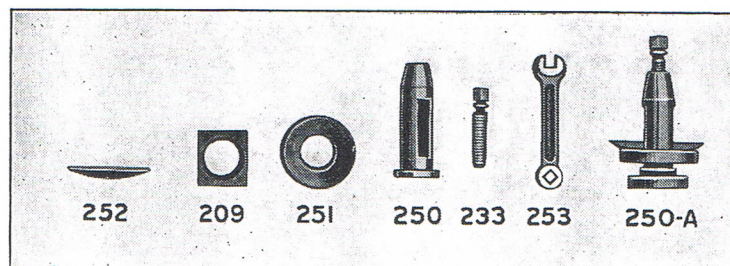


Fig. 8. Tool Post Parts for 9" "W.S." Lathes—Models A, B, and C.

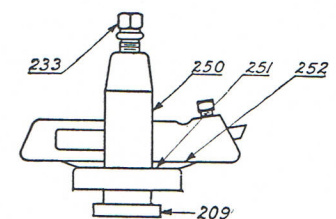


Fig. 9. Parts in Assembly.

Part No.	NAME OF PART	Part No.	NAME OF PART
209	Tool Post Block.....	251	Tool Post Ring.....
233	Tool Post Screw.....	252	Tool Post Wedge.....
250	Tool Post.....	253	Tool Post Wrench.....
250A	Tool Post Unit Complete.....		

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Headstock Parts for Underneath Drive Lathes for 9-inch "Workshop" Lathes—Models B and C

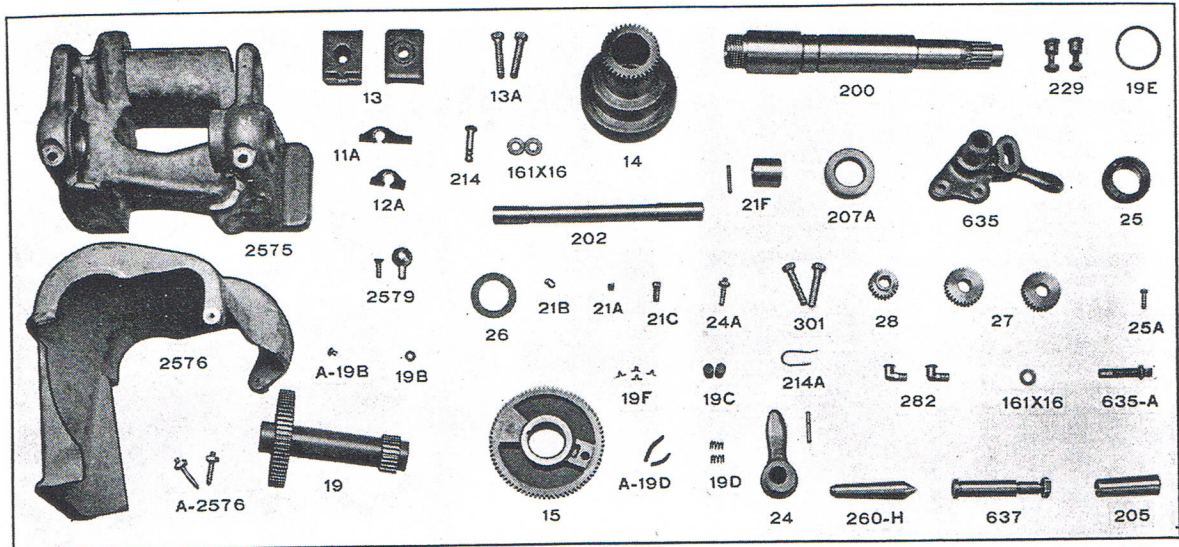


Fig. 10. Headstock Parts, Underneath Drive Type for 9-inch "Workshop" Lathes—Models B, and C.

Part No.	NAME OF PART	Part No.	NAME OF PART
11A	Headstock Cap Shim—Large	28	Reverse Gear
12A	Headstock Cap Shim—Small	161X16	Reverse Bracket Collar Screw Washer
13	Headstock Clamps	161X16	Headstock Clamp Screw Washers
13A	Headstock Clamp Screws	200	Headstock Spindle
14	Spindle Cone	202	Eccentric Shaft
15	Bull Gear with Key	205	Spindle Sleeve
19	Back Gear Assembly	207A	Ball Bearing Thrust Collar
19B	Oil Hole Washer	214	Bull Gear Plunger
19C	Capillary Oiler Felt	214A	Bull Gear Plunger Spring
19D	Capillary Oiler Spring	229	Twin Gear Studs with Wicks and Nuts
19E	Protecting Ring	260-H	Headstock Center
19F	Oil Return Clips	282	Headstock Oilers
21A	Back Gear Friction Spring	301	Headstock Cap Screws
21B	Back Gear Friction Spring Shoe	635	Reverse Bracket with Set Screws
21C	Back Gear Friction Spring Set Screw	635A	Reverse Bracket Collar Screw
21F	Eccentric Shaft Bushing and Pin	637	Reverse Shaft with Nut and Key
24	Back Gear Lever with Pin	2575	Underneath Drive Headstock
24A	Back Gear Lever Stop Screw and Nut	2576	Spindle Cone Cover
25	Spindle Take-up Nut	2579	Spindle Cone Cover Knob with Screw
25A	Spindle Take-up Nut Screw	A19B	Oil Hole Screw
26	Spindle Take-up Nut Washer and Pin	A19D	Felt Wick
27	Reverse Twin Gears	A-2576	Cone Cover Set Screws and Jam Nuts

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Importance of Leveling the Lathe

Before operating the lathe or any other machine tool make sure it is level when fastening it to the floor or bench. If the lathe is not level in every direction it will be impossible to turn out work accurately. Level the lathe carefully and the quality and quantity of the additional work produced will pay a hundred times for the time spent in leveling.

The lathe, if possible, should be set on a concrete foundation, however, it may be set on a wood floor that is strong and substantial. If the lathe is to be fastened to a wood floor in an old building then the floor should be securely braced from below to prevent sagging because it is difficult to keep a lathe level on a wood floor in an old building for obvious reasons.

When the lathe has been placed in the position where it is to be operated, and aligned properly with the lineshaft (if countershaft driven), place the level across the bed in front of the headstock and shim under the leg in the direction indicated

by the level. Next place the level across the bed at the tailstock end of the lathe and shim under the leg accordingly. Now place the level on the bed lengthwise on the top of the V-way and the Flat-way, both at the headstock end and the tailstock end of the bed. When the lathe bed is level in every direction fasten the lathe to the floor or foundation.

After the lathe is fastened securely to the floor, again test it with a level as before, to make sure that the lathe when fastened is level in every direction on the horizontal plane. If it is not, release the legs and shim accordingly.

Before the lathe is shipped from our factory it is set up and carefully leveled, after which it is tested for accuracy with precision instruments. A record of these tests is kept in our office. Therefore, if you intend to get the utmost efficiency out of the lathe, it is necessary that it be level in every way. If the lathe is level it will maintain the same accuracy it had when being tested in our factory.

Gear Box Parts for 9-inch "Workshop" Lathes—Model A

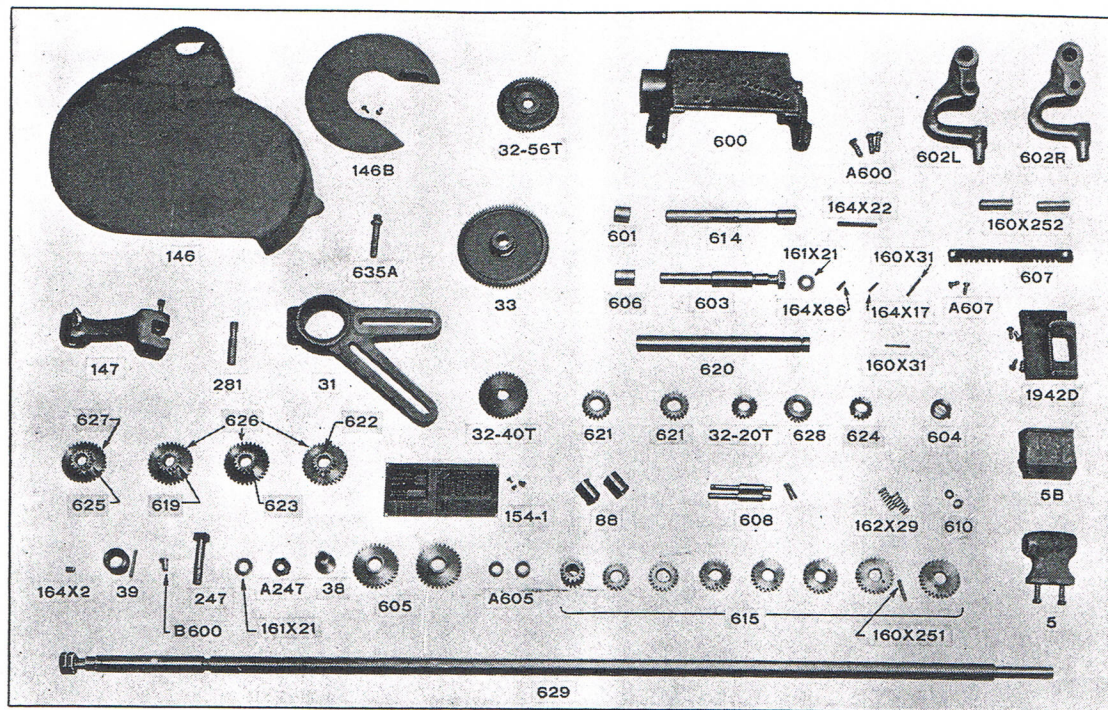


Fig. 11. Gear Box Parts for 9-inch "Workshop" Lathes—Model A.

Part No.	NAME OF PART	Part No.	NAME OF PART
5	Rear Lead Screw Bracket.....	603	Main Drive Shaft with Nut.....
5B	Babbitt for Lead Screw Bracket and Change Gear Guard.....	604*	Main Drive Shaft Collar with Pin.....
31	Change Gear Bracket.....	605	Tumbler Idler Gears.....
32-20T	Change Gear—20 Tooth.....	606	Main Drive Shaft Bushing.....
32-40T	Change Gear—40 Tooth.....	607	Tumbler Guide Bar with Pins.....
32-56T	Change Gear—56 Tooth.....	608	Plunger with Pins.....
33	Idler Gear.....	610	Plunger Bushings.....
38	Idler Gear Bushing.....	614	Cone Gear Shaft.....
39	Lead Screw Thrust Collar with Pin.....	615	Cone Gears—Specify number of teeth, width and bore.....
88	Shifter Knobs.....	619*	Small Comp. Gear (Main Drive Shaft).....
146	Change Gear Guard.....	620	Tumbler Shaft.....
146B	Change Gear Safety Guard.....	621	Tumbler Gears.....
147	Change Gear Guard Bracket.....	622	Small Comp. Gear (Cone Gear Shaft).....
154-1	Index Plate with Pins.....	623	Small Compound Gear (Cone Gear Shaft).....
160X31	Tumbler Shaft Pin.....	624	Cone Shaft Gear.....
160X31	Main Drive Shaft Bushing Pin.....	625	Small Comp. Gear (Main Drive Shaft).....
160X251	Cone Gears Pin.....	626	Large Compound Gear.....
160X252	Tumbler Idler Gear Shafts.....	627	Large Comp. Gear (Main Drive Shaft).....
161X21	Idler Gear Bolt Washer.....	628	Lead Screw Gear.....
161X21	Main Drive Shaft Washer.....	629	Lead Screw with Nuts (State length of bed).....
162X29	Shifter Knob Spring.....	635A	Reverse Bracket Collar Screw.....
164X2	Lead Screw Key.....	1942-D	Switch Bracket.....
164X17*	Main Drive Shaft Key.....	A247	Idler Gear Bolt Nut.....
164X22	Cone Gear Shaft Key.....	A600	Gear Box Screws.....
164X86	Main Drive Shaft Key.....	A-605	Tumbler Idler Gear Bearings.....
247	Idler Gear Bolt.....	A-607	Tumbler Guide Bar Screws.....
281	Change Gear Guard Stud.....	B-600	Gear Box Oiler.....
600	Gear Box.....		
601	Cone Gear Shaft Bushing.....		
602R	Gear Box Tumbler (Right).....		
602L	Gear Box Tumbler (Left).....		

*For English Gear Box only.

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Oil Lathe at Regular Intervals

Oil the lathe at regular intervals locating the various oiling holes and bearings as indicated in the oiling chart furnished with lathe. One of the chief causes of wear and destruction of parts of the lathe is the failure on the part of the operator to correctly lubricate them at the proper time. Oil carriage V-ways and dovetails frequently. Keep

the lead screw clean and well oiled, and it will retain its accuracy indefinitely.

The correct lubrication of the motor drive parts and countershaft drive parts is just as important as the proper lubrication of the lathe. Use a high quality engine oil S. A. E. No. 10 to oil lathe and drive parts.

Change Gears—Lead Screw—Rack for 9-inch "Workshop" Lathes—Models A, B, and C

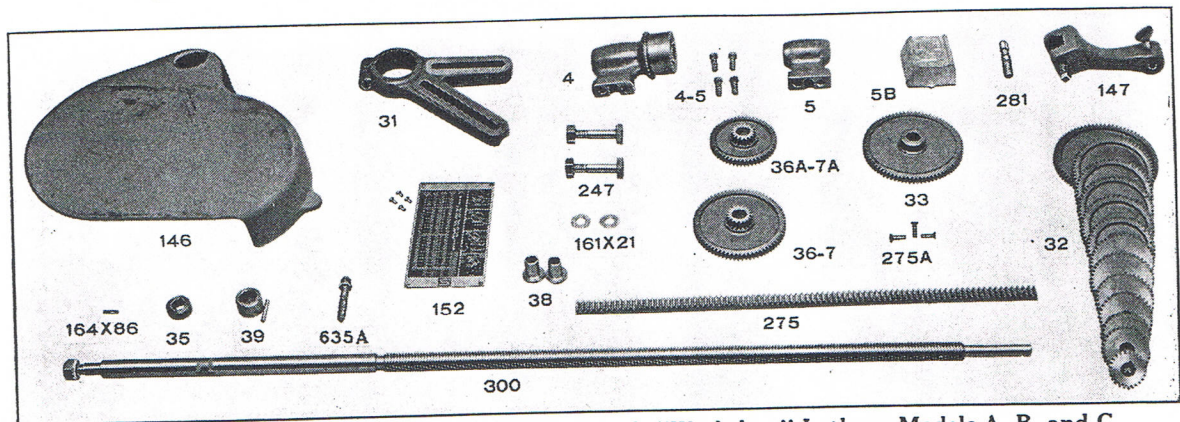


Fig. 12. Change Gears, Lead Screw, Rack for 9-inch "Workshop" Lathes—Models A, B, and C.

Part No.	NAME OF PART	Part No.	NAME OF PART
4	Front Lead Screw Bracket.....	146	Change Gear Guard.....
4-5	Bracket Screws.....	147	Change Gear Guard Bracket.....
5	Rear Lead Screw Bracket.....	152	Index Plate (State serial number of lathe).....
5B	Babbitt for Rear Bracket or Guard....	161X21	Idler Gear Bolt Washers.....
31	Change Gear Bracket.....	164X86	Lead Screw Key.....
32	Change Gears—Specify number of teeth and bore.....	247	Compound Idler Gear Bolt and Nut....
33	Standard Change Idler Gear.....	275	Rack.....
35	Change Gear Collar.....	275A	Rack Screws.....
36-7	Compound Gears (1-4).....	281	Guard Hinge Pin.....
36A-7A	Compound Gears (1-3).....	300	Lead Screw with Washer, Key, and Nut
38	Compound Idler Gear Bushings.....	635-A	Change Gear Bracket Collar Screw....
39	Lead Screw Thrust Collar and Pin.....		

Countershaft Drive Parts for 9-inch "Workshop" Lathes—Models A, B, and C

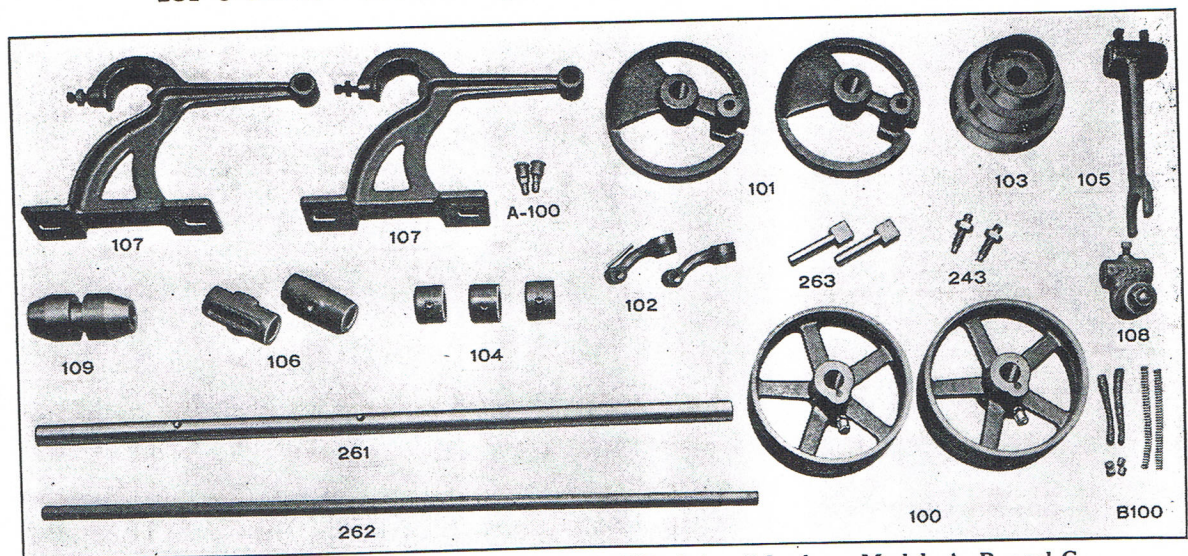


Fig. 13. Countershaft Drive Parts for 9-inch "Workshop" Lathes—Models A, B, and C.

Part No.	NAME OF PART	Part No.	NAME OF PART
100	Countershaft Pulley with Oil Cup, Spring, Wick, and Plug.....	108	Countershaft Shifter Nut (Complete)...
101	Countershaft Spindles.....	109	Countershaft Yoke Cone.....
102	Countershaft Friction Fingers with Pins	243	Friction Finger Set Screws and Jam Nuts
103	Countershaft Cone.....	261	Countershaft Shaft.....
104	Countershaft Collars with Set Screws..	262	Countershaft Shifter Rod.....
105	Countershaft Yoke Lever with Set Screws	263	Countershaft Expansion Wedge.....
106	Countershaft Boxes.....	A-100	Countershaft Pulley Oilers.....
107	Countershaft Hangers.....	B-100	Countershaft Pulley Oil Wicks, Springs and Plugs.....

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Number of
and Nut
and Nut
crew



complete)...
Jam Nuts
ge.....
brings

complete)...
Jam Nuts
ge...
brings

Pedestal Motor Drive Parts

for 9-inch "Workshop" Lathes—Models A, B, and C

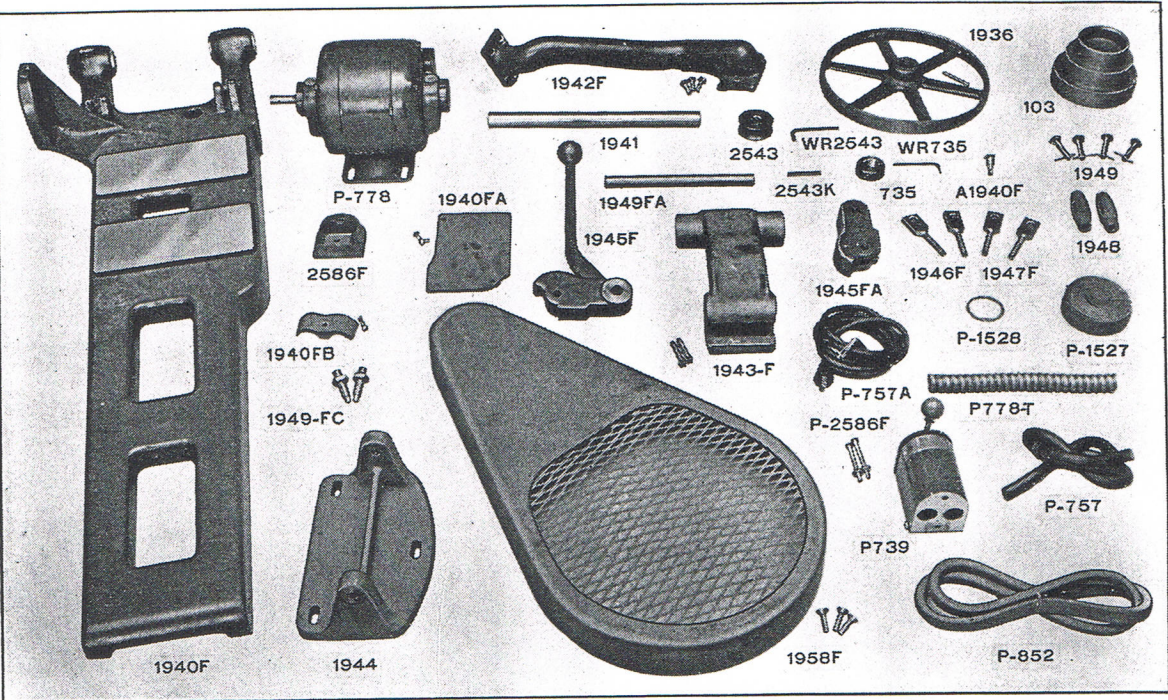


Fig. 15. Pedestal Motor Drive Parts for 9-inch "Workshop" Lathes—Models A, B, and C.

Part No.	NAME OF PART	Part No.	NAME OF PART
103	Countershaft Cone.....	1958F	Pedestal Belt Guard with Screws.....
735	Countershaft Shaft Collar.....	2543	Motor Pulley.....
1936	Countershaft Pulley.....	2543K	Motor Pulley Key.....
1940F	Pedestal Standard.....	2586F	Switch Adapter.....
1940FA	Connection Box Cover.....	A-1940F	Oilers.....
1940FB	Conduit Clamp with Screw.....	P-739	Switch (Give motor specifications).....
1941	Countershaft Shaft.....	P-757	Wiring—Motor to Switch.....
1942F	Pedestal Switch Arm with Screws.....	P-757A	Wiring—Extension Cable and Plug.....
1943F	Belt Release Bed Bracket.....	P-778	Motor—Specify horsepower, phase, cycle, voltage and D.C. or A.C.....
1944	Standard Base.....		
1945F	Belt Release Lever.....	P-778T	Flexible Tubing.....
1945FA	Belt Release Lever Bracket.....	P-852	Belt—Motor to Countershaft.....
1946F	Belt Rods—R.H.....	P-1527	Belt—Countershaft to Lathe.....
1947F	Belt Rods—L.H.....	P-1528	Belt Lacing.....
1948	Turnbuckles.....	P-2586-F	Adapter Switch Screws.....
1949	Belt Release Lever Pins.....	WR-735	Countershaft Collar Wrench.....
1949FA	Belt Release Lever Shaft.....	WR-2543	Motor Pulley Wrench.....
1949FC	Pedestal Pivot Screws.....		

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

How to Order Threaded Parts

When ordering threaded parts such as Cross Feed Nut, Lead Screw Half-Nut, or Cross Feed Screw, be sure to give complete specifications covering each threaded part wanted. Specify

the outside diameter of threads in inches; number of threads per inch; and whether thread is a right-hand or left-hand Acme, U.S. Standard or Sharp "V" type.

Information to be Given When Ordering Threaded Parts

Name and Number of Part
Serial Number of Lathe
Quantity Wanted
Outside Diameter of Threads in Inches

Number of Threads per Inch
State Kind of Thread:

Acme Thread	} Right- or Left-hand
U. S. Standard Thread	
Sharp "V" Thread	

Underneath Motor Drive Parts for 9-inch "Workshop" Lathes—Models B, and C

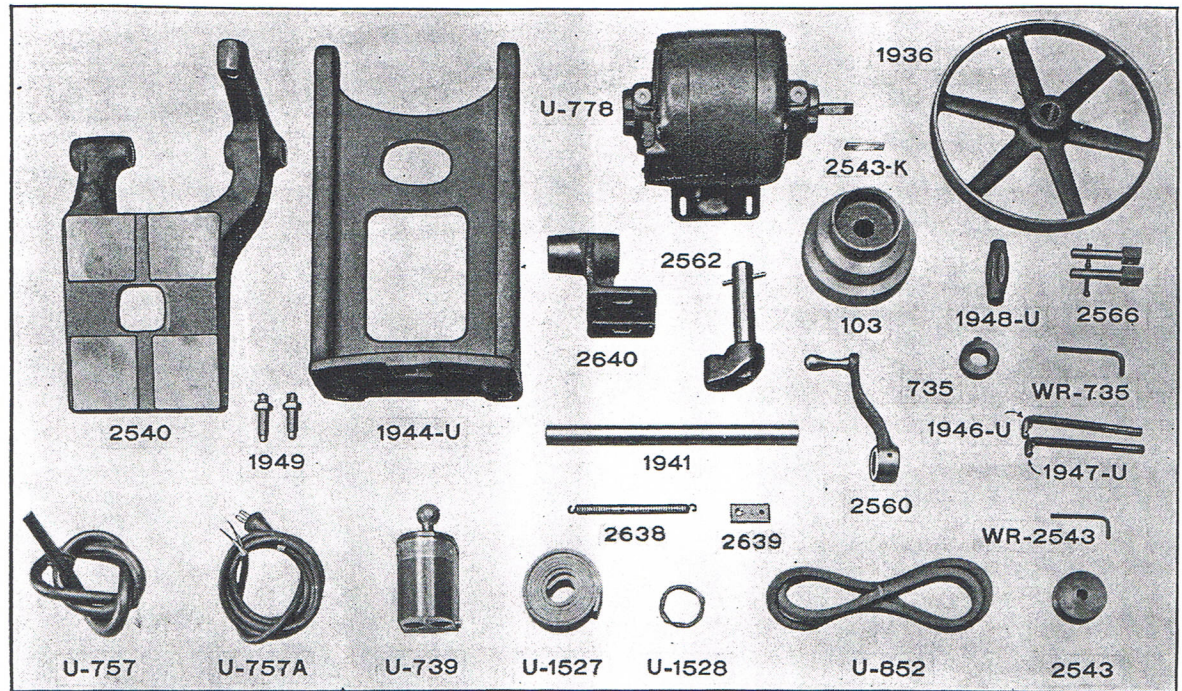


Fig. 16. Underneath Motor Drive Parts for 9-inch "Workshop" Lathes—Models B, and C.

Part No.	NAME OF PART
103	Countershaft Cone.....
735	Countershaft Shaft Collar.....
1936	Countershaft Pulley.....
1941	Countershaft Shaft.....
1944-U	Underneath Drive Hanger.....
1946-U	Adjusting Screw—L. H.....
1947-U	Adjusting Screw—R. H.....
1948-U	Turnbuckle.....
1949	Ball Point Set Screws with Jam Nuts.....
2540	Motor Base.....
2543	Motor Pulley—Specify motor speed.....
2543K	Motor Pulley Key.....
2560	Belt Adjusting Crank.....
2562	Tightener Crankshaft.....
2566	Clevis with Pins.....
2638	Tension Spring.....
2639	Tension Spring Clip.....
2640	Belt Tightener Bracket.....
U-739	Switch (Give motor specifications).....
U-757	Wiring—Motor to Switch.....
U-757A	Wiring—Extension Cable and Plug.....
U-778	Motor—Specify horsepower, phase, cycle, voltage, and D.C. or A.C.....

Part No.	NAME OF PART
U-852	Belt—Motor to Countershaft.....
U-1527	Belt—Countershaft to Lathe.....
U-1528	Belt Lacing.....
WR-735	Countershaft Collar Wrench.....
WR-2543	Motor Pulley Wrench.....

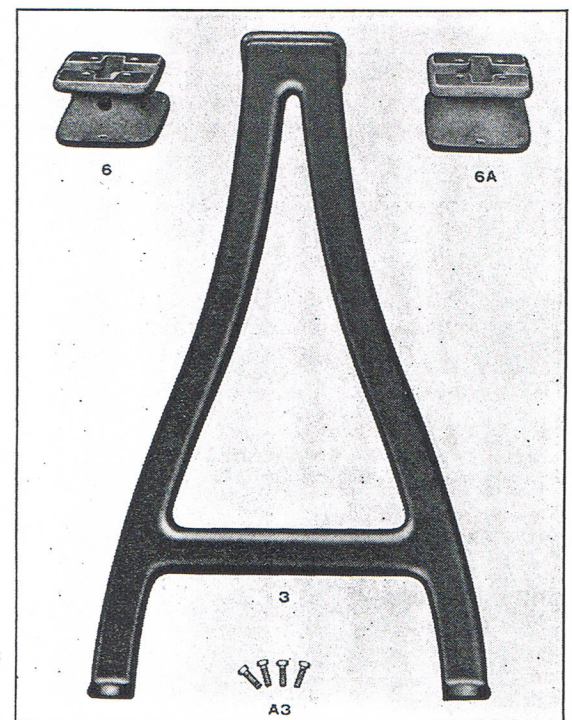


Fig. 17. Bench Legs and Floor Legs for 9-inch "Workshop" Lathes—Models A, B, and C.

Legs—Bench and Floor for 9-inch "Workshop" Lathes— Models A, B, and C

Part No.	NAME OF PART
3	Long Leg (Headstock and Tailstock end same).....
6	Bench Leg (Headstock end).....
6-A	Bench Leg (Tailstock end).....
A-3	Leg to Bed Screws (4 to each leg).....

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Parts for Metric Transposing Gear Equipment for 9-inch "Workshop" Lathes—Models A, B, and C

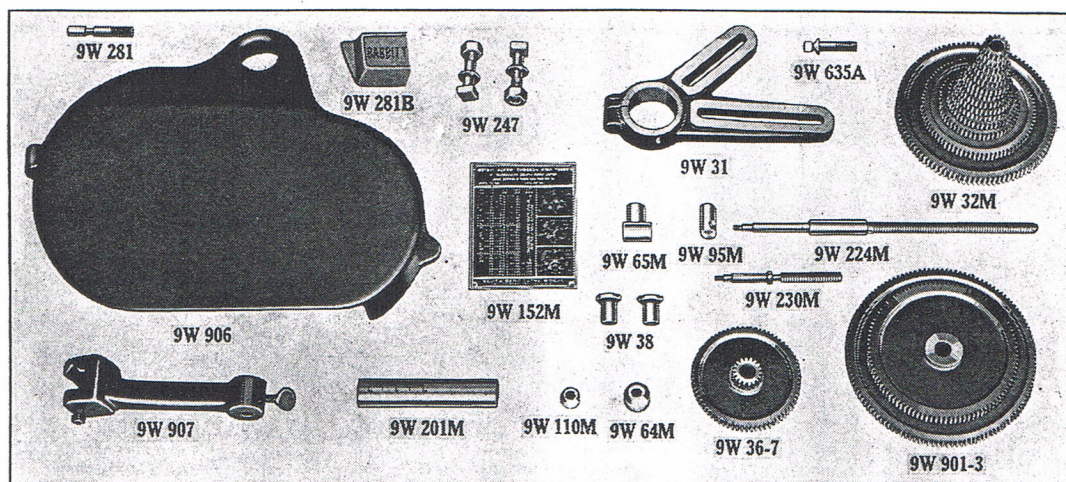


Fig. 18. Metric Parts for 9-inch "Workshop" South Bend Lathes—Models A, B, and C.

Part No.	NAME OF PART
9W31	Change Gear Bracket.....
9W32M	Metric Change Gears (Specify No. Teeth)
9W36-7	Compound Idler Gear Assembly.....
9W38	Compound Idler Gear Bushings.....
9W64M	Metric Cross Feed Graduated Collar.....
9W65M	Metric Cross Feed Nut, Lock Screw and Pin.....
9W95M	Metric Compound Rest Nut.....
9W110M	Metric Compound Rest Graduated Collar.....
9W152M	Metric Index Plate.....

Part No.	NAME OF PART
9W201M	Metric Graduated Tailstock Spindle....
9W224M	Metric Cross Feed Screw.....
9W230M	Metric Compound Rest Screw.....
9W247	Compound Idler Gear Bolts.....
9W281	Gear Guard Stud.....
9W281B	Babbitt for Gear Guard.....
9W635A	Collar Screw for Change Gear Bracket..
9W901-3	Metric Transposing Gear Assembly.....
9W906	Metric Transposing Change Gear Guard
9W907	Metric Transposing Gear Guard Bracket

SPECIFY SERIAL NUMBER OF LATHE WHEN ORDERING REPAIR PARTS

Attachments, Accessories, and Tools for 9-inch "Workshop" Lathes—Models A, B, and C

Description	Cat. No.
Adjustable Thread Cutting Stop.....	67-W
Almond Three-Jaw Drill Chuck	
0" to 3/8" Capacity.....	219-W
0" to 1/2" Capacity.....	220-W
1/8" to 3/4" Capacity.....	327-W
Center Drill and Countersink	
1/16" diameter.....	898-A
3/32" diameter.....	898-B
1/8" diameter.....	898-C
Center Rest.....	125-W
Chucks (fitted with chuck plate)	
6"—4-Jaw Ind. Lathe Chuck—Medium....	4006-W
6"—4-Jaw Ind. Lathe Chuck—Light.....	4706-W
5"—3-Jaw Univ. Lathe Chuck—Med.....	3005-W
5"—3-Jaw Univ. Lathe Chuck—Light....	3705-W
Chuck Plates, Threaded.....	126-W
Clamp Lathe Dogs	
Maximum opening 1 1/8".....	160
Maximum opening 1 1/8".....	161
Collet Attachments	
Hand Wheel Draw-in Collet Chuck Attach.	4306-W
Hand Type Draw-in Collet Chuck Attach.	5206-W
Collets for round work, 1/16" to 1/2" by 64ths.	609-W
Cutter Bits	
Unground High Speed Steel Cutter Bit...	1460
Ground High Speed Steel Cutter Bit.....	1355
Double Tool Slide.....	738-W
Drill Chuck Arbor.....	709-W
Electric Grinders	
Electric Grinder (1-ph. 60-cy. A.C.).....	30-W
Fixture for Diamond Dresser & Reamer...	19-W
Diamond Dresser for above.....	18-W
Follower Rest.....	34-W
Gear Cutting Attachment.....	270-W

Description	Cat. No.
Hand Lever Bed Turret.....	1509-W
Hand Lever Tailstock.....	1197-W
Jacobs Hollow Threaded Chuck	
1/8" to 3/8" capacity.....	907-W
3/16" to 3/4" capacity.....	925-W
Jacobs Three-Jaw Drill Chuck	
0" to 3/8" Capacity.....	1200-W
0" to 1/2" Capacity.....	1201-W
3/16" to 3/4" Capacity.....	1202-W
Large Face Plate.....	40-W
Micrometer Carriage Stop.....	968-W
Milling and Boring Table.....	904-W
Milling and Keyway Cutting Attach....	9-W
Morse Taper Sleeve.....	118-A
Milling Cutters and Arbors.....	On Request
Plain Carriage Stop.....	758-W
Standard Lathe Dogs	
Maximum Opening 1 1/2".....	2-MJ
Maximum Opening 1".....	6-MJ
Maximum Opening 1 1/2".....	10-MJ
Taper Attachment.....	428-W
Thread Dial Indicator.....	810-W
Tool Holders	
Straight Tool Holder.....	847-S
Right Hand Tool Holder.....	847-R
Left Hand Tool Holder.....	847-L
Straight Cutting-off Tool Holder.....	833-S
Right Hand Cutting-off Tool Holder....	833-R
Threading Tool Holder.....	845
Knurling Tool Holder.....	820
Style "D" Bor'g Tool Hldr. with solid bar..	505-F
Style "B" Bor'g Tool Hldr. with sleeve bar.	423
Heavy Duty Boring and Turning Tool...	469-W
Tool Grinder (Electric).....	1112-W

SOUTH BEND LATHE WORKS

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