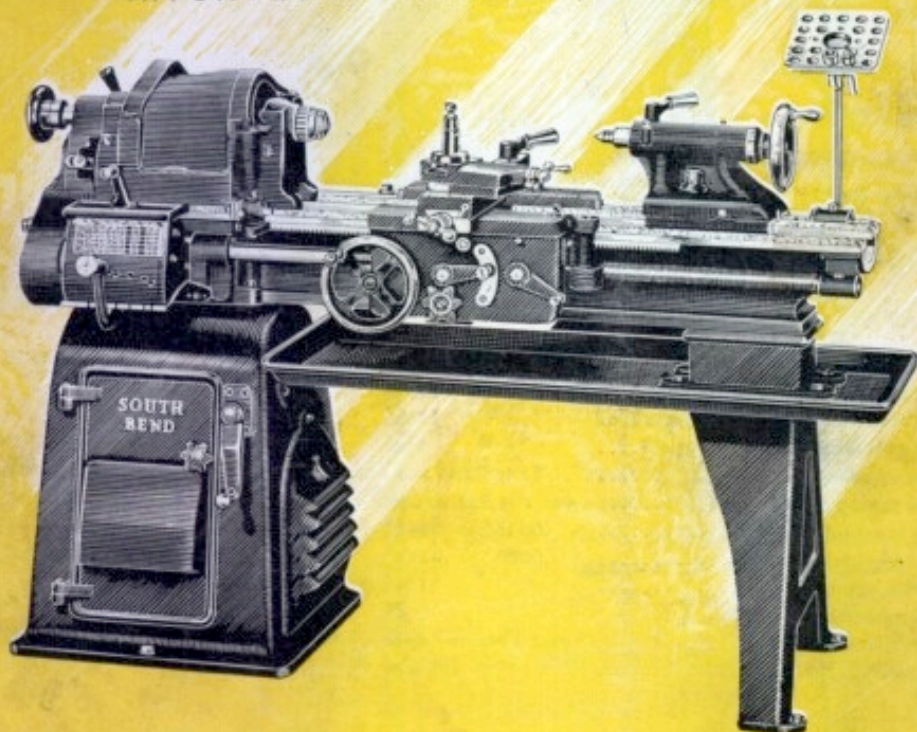


# SOUTH BEND

W. B. RAPP  
*Precision Lathes*

MA 7-0490 & 0491 - 132 N. 3<sup>RD</sup> ST., PHILA. 6, PA.



The South Bend Precision Lathes and Lathe Attachments shown on the following pages are the result of forty years of experience in building fine lathes. The workmanship and materials entering into their construction are the best that can be obtained and the highest standards of accuracy are maintained throughout their manufacture.

## SOUTH BEND LATHE WORKS



BUILDING BETTER LATHES SINCE 1906 • 524 E. MADISON STREET • SOUTH BEND 22, INDIANA, U.S.A.  
CABLE ADDRESS "TWINS" SOUTH BEND

ESTABLISHED 1906  
INCORPORATED 1914

### PROMPT DELIVERY

Quick deliveries can now be made from distributor's stock in all principal cities, or from factory. For name of distributor see "Machine Tools" in classified section of phone book. If there is no distributor near you, send your orders and inquiries direct to the factory.

### PRICES

Prices of South Bend Lathes are reasonable, the average increase over pre-war level being less than 15%. All prices are net f.o.b. factory, crated for domestic shipment.

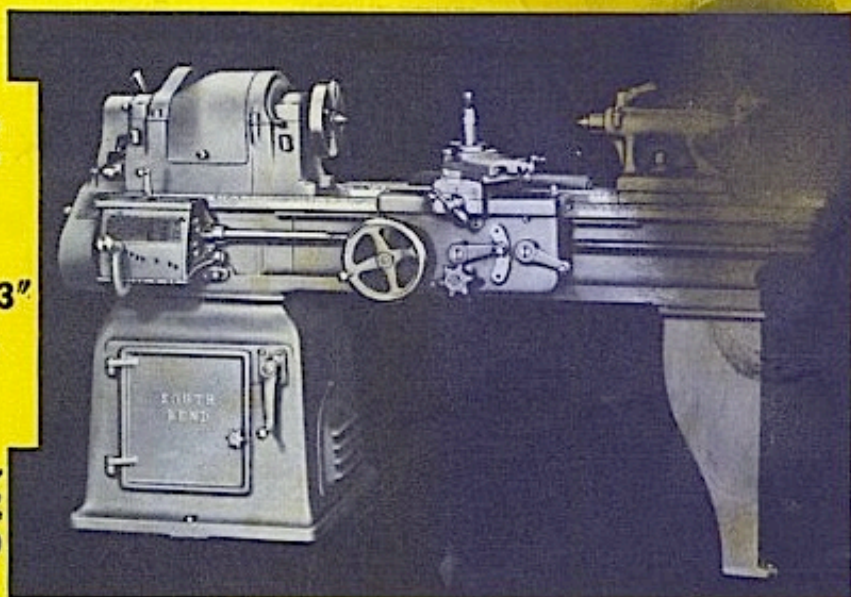


# SOUTH BEND

## 16", 14½", and 13" Quick Change Gear Lathes

South Bend 16" x 6'  
Quick Change  
Gear Lathe

**\$1640.50**



SPECIFICATIONS	16-INCH	14½-INCH	13-INCH
Swing over bed and saddle wings.....	16¼"	14¾"	13½"
Swing over saddle, chip guard removed	11½"	10¼"	8¾"
Swing over saddle with chip guard....	9¾"	8¾"	7¾"
Spindle speeds.....	21 to 725 r.p.m.	27 to 800 r.p.m.	34 to 875 r.p.m.
Thread cutting range.....	4 to 224 R.H. or L.H.	4 to 224 R.H. or L.H.	4 to 224 R.H. or L.H.
Power longitudinal feeds.....	.0015" to .0841"	.0015" to .0841"	.0015" to .0841"
Power cross-feeds.....	.0006" to .0312"	.0006" to .0312"	.0006" to .0312"
Hole thru spindle.....	1¾"	1½"	1"
Collet capacity.....	1"	¾"	11/16"
Spindle centers.....	No. 3 Morse Taper	No. 3 Morse Taper	No. 3 Morse Taper
Size motor.....	1½ h.p.	1½ h.p.	1 h.p.

South Bend Quick Change Gear Lathes are equally efficient on precision toolroom work or close tolerance manufacturing operations. Hundreds of nationally known manufacturers select them when streamlining their shop equipment to meet present day needs. Substantial savings in capital investment, power consumption, floor space, and labor costs have resulted from their installation. They will give you the same efficient service.

The Underneath Motor Drive provides an unusually wide range of spindle speeds. The belt drive to the spindle is silent in operation and develops smooth, steady power entirely free from gear vibration.

Price includes 3 ph., 60 cy., 220 v. A.C. motor and drum control, and regular lathe equipment such as belts, centers, face plates, tool post, etc. Chucks and tools are extra. See following pages.

### TIME PAYMENT PLAN

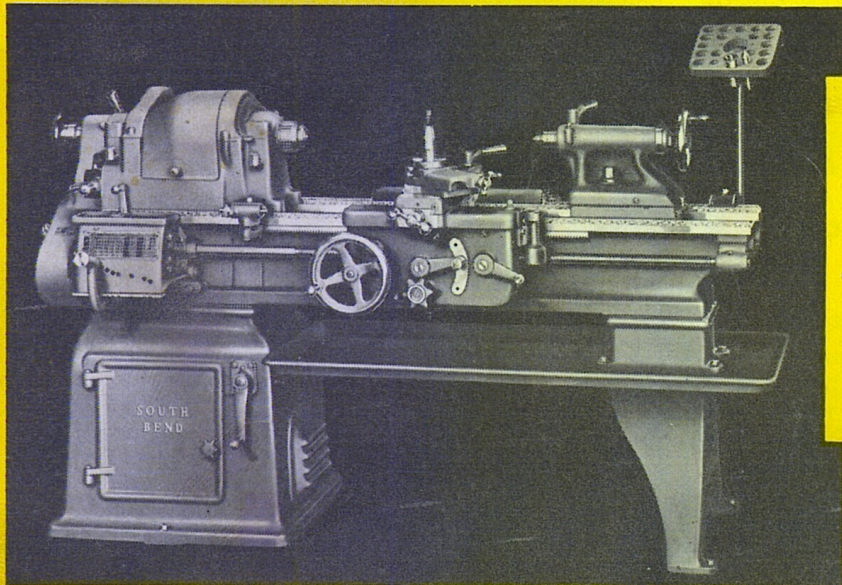
25 per cent down  
12 months to pay balance  
moderate finance charges

## Quick Change Gear Underneath Motor Driven Lathes

Catalog Number	Swing Over Bed Inches	Length of Bed Feet	Distance Between Centers Inches	Approx. Shipping Weight Pounds	Price f.o.b. Factory
<b>16" QUICK CHANGE GEAR LATHES</b>					
117-C	16¼	6	33¼	2300	\$1640.50
117-D	16¼	7	45½	2380	1678.50
117-E	16¼	8	57½	2460	1716.50
117-G	16¼	10	81½	2620	1826.50
117-H	16¼	12	105½	2850	1936.50
<b>14½" QUICK CHANGE GEAR LATHES</b>					
183-B	14½	5	24½	1995	\$1382.50
183-C	14½	6	36½	2070	1420.50
183-D	14½	7	48½	2145	1459.50
183-E	14½	8	60½	2225	1496.50
<b>13" QUICK CHANGE GEAR LATHES</b>					
113-A	13½	4	16	1460	\$1117.50
113-B	13½	5	28	1510	1153.50
113-C	13½	6	40	1560	1189.50
113-D	13½	7	52	1615	1225.50

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**





# SOUTH BEND

## 16", 14½", and 13" Toolroom Lathes

South Bend 16" x 6'  
Toolroom Lathe  
**\$2031.50**

### SPECIFICATIONS

	16-INCH	14½-INCH	13-INCH
Swing over bed and saddle wings...	16¼"	14⅝"	13⅝"
Swing over saddle cross slide.....	9⅝"	8-15/16"	8"
Spindle speeds.....	21 to 725 r.p.m.	27 to 800 r.p.m.	34 to 875 r.p.m.
Thread cutting range.....	4 to 224 R.H. or L.H.	4 to 224 R.H. or L.H.	4 to 224 R.H. or L.H.
Power longitudinal feeds.....	.0015" to .0841"	.0015" to .0841"	.0015" to .0841"
Power cross-feeds.....	.0006" to .0312"	.0006" to .0312"	.0006" to .0312"
Hole thru spindle.....	1⅜"	1⅜"	1"
Collet capacity.....	1"	¾"	11/16"
Spindle centers.....	No. 3 Morse Taper	No. 3 Morse Taper	No. 3 Morse Taper
Size motor.....	1½ h.p.	1½ h.p.	1 h.p.

### Toolroom Underneath Motor Driven Lathes

Catalog Number	Swing Over Bed Inches	Length of Bed Feet	Distance Between Centers Inches	Approx. Shipping Weight Pounds	Price f.o.b. Factory
<b>16-INCH TOOLROOM UNDERNEATH BELT MOTOR DRIVEN LATHES</b>					
8117-C	16¼"	6	33½"	2525	\$2031.50
8117-D	16¼"	7	45½"	2605	2075.50
8117-E	16¼"	8	57½"	2685	2119.50
<b>14½-INCH TOOLROOM UNDERNEATH BELT MOTOR DRIVEN LATHES</b>					
8183-B	14⅝"	5	24¼"	2180	\$1735.50
8183-C	14⅝"	6	36½"	2255	1778.50
8183-D	14⅝"	7	48½"	2330	1821.50
8183-E	14⅝"	8	60½"	2405	1863.50
<b>13-INCH TOOLROOM UNDERNEATH BELT MOTOR DRIVEN LATHES</b>					
8113-B	13⅝"	5	28	1665	\$1481.50
8113-C	13⅝"	6	40	1715	1519.50
8113-D	13⅝"	7	52	1770	1557.50

South Bend Toolroom Lathes are equally efficient on precision toolroom work or close tolerance manufacturing operations. Their versatility reduces set-up time to a minimum. Smooth, vibration-free operation permits finish turning or boring with such precision that subsequent machine operations can often be eliminated. A convenient arrangement of controls makes for an ease of operation which reduces fatigue and lowers the probability of error. A wide range of spindle speeds permits machining work with maximum tool efficiency.

Improved Features include: alloy steel headstock spindle; replaceable headstock bearings; double wall apron; quick change gear box for threads and feeds; and semi-steel lathe bed.

In Addition to 3-ph., 60 cy., 220 v., A.C. motor and drum control, and all equipment supplied with quick change gear lathe (see preceding page) the following toolroom attachments are included in price of lathe: handwheel type draw-in collet chuck attachment; collet rack; telescopic taper attachment; thread dial indicator; chip pan; and micrometer carriage stop. Chucks, tools, and collets are extra.

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



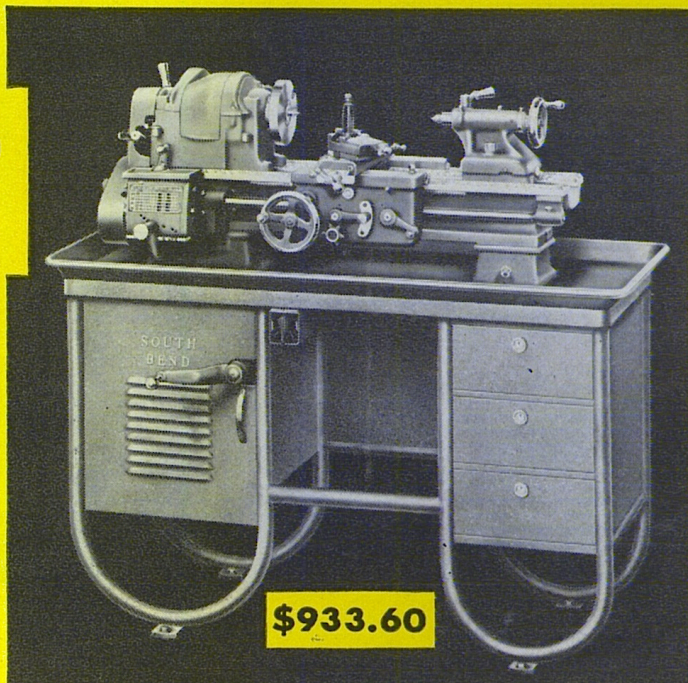
South Bend 10" x 3', 1" Collet Quick Change Gear Bench Lathe

# SOUTH BEND

## 10"-1" Collet Lathes

### SPECIFICATIONS

- Swing over bed and saddle wings.....10 $\frac{1}{8}$ "
- Swing over saddle cross slide.....5 $\frac{3}{4}$ "
- Spindle speeds (12).....50 to 1357 r.p.m.
- Thread cutting range....4 to 224 R.H. or L.H.
- Power longitudinal feeds.... .0015" to .0836"
- Power cross-feeds..... .0006" to .0309"
- Hole thru spindle.....1 $\frac{3}{8}$ "
- Collet capacity.....1"
- Spindle centers.....No. 2 Morse Taper
- Cross slide travel.....5 $\frac{7}{8}$ "
- Compound rest top slide travel.....2"
- Size motor..... $\frac{3}{4}$  h.p.

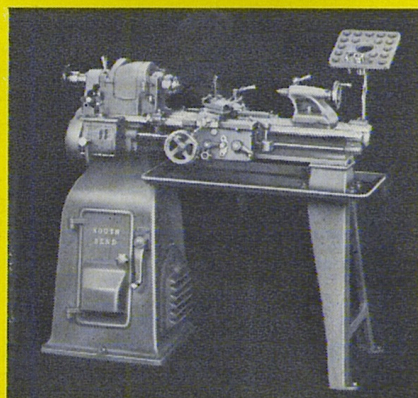


10-inch Swing South Bend Precision Lathes are capable of the most exacting operations on both tool and production work. This accuracy, together with their speed and versatility, contribute to lower machining costs. They contain all the design features that make the larger models so dependable.

Price includes 3 ph., 60 cy., 220 v., A.C. motor; drum control, and regular lathe equipment such as belts, centers, face plates, tool post, etc. Chucks and tools are extra. Toolroom Lathes also include: handwheel type draw-in collet attachment (without collets); collet rack; telescopic taper attachment, thread dial indicator; and micrometer carriage stop. Bench is included in price of bench lathe.

### TIME PAYMENT TERMS

25 per cent down  
12 months to pay balance  
moderate finance charges



South Bend 10" x 3 $\frac{1}{2}$ ', 1" Collet Toolroom Lathe \$1168.60

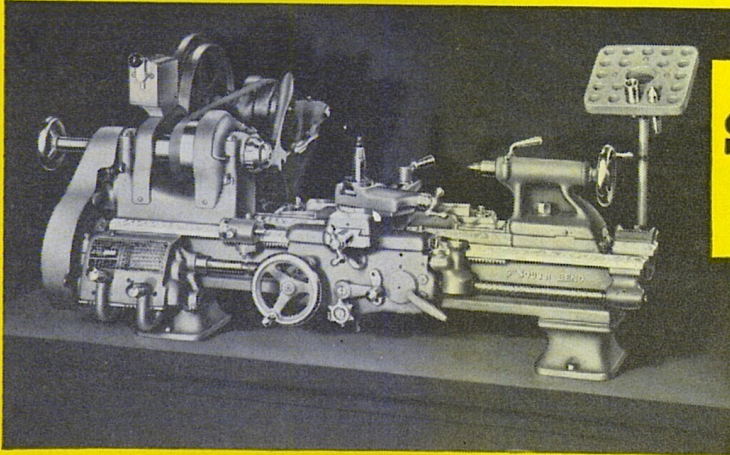
## 10"-1" Collet Quick Change Gear and Toolroom Lathes

Catalog Number	Swing Over Bed Inches	Length of Bed Feet	Between Centers Inches	Shipping Weight Pounds	Price f.o.b. Factory
<b>QUICK CHANGE GEAR BENCH LATHES</b>					
187-YS	10 $\frac{1}{8}$	3	15 $\frac{3}{4}$	850	\$933.60
187-ZS	10 $\frac{1}{8}$	3 $\frac{1}{2}$	20 $\frac{3}{4}$	880	949.60
187-AS	10 $\frac{1}{8}$	4	26 $\frac{3}{4}$	950	975.60
187-RS	10 $\frac{1}{8}$	4 $\frac{1}{2}$	33 $\frac{3}{4}$	980	998.60
<b>QUICK CHANGE GEAR LATHES WITH FLOOR LEGS</b>					
187-Y	10 $\frac{1}{8}$	3	15 $\frac{3}{4}$	810	\$863.60
187-Z	10 $\frac{1}{8}$	3 $\frac{1}{2}$	20 $\frac{3}{4}$	835	879.60
187-A	10 $\frac{1}{8}$	4	26 $\frac{3}{4}$	860	895.60
187-R	10 $\frac{1}{8}$	4 $\frac{1}{2}$	33 $\frac{3}{4}$	885	918.60

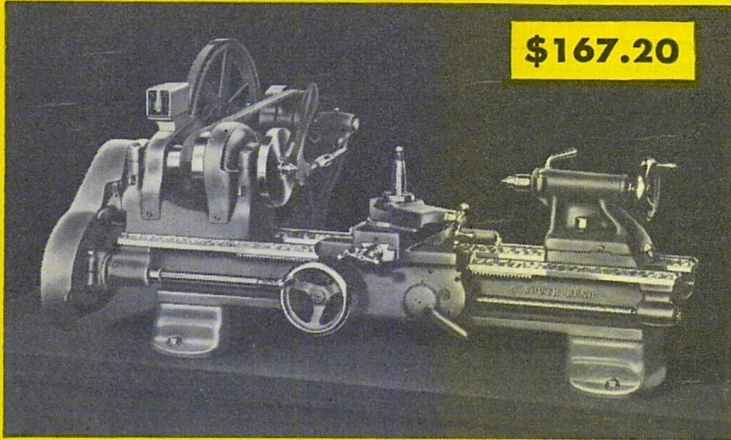
Catalog Number	Swing Over Bed Inches	Length of Bed Feet	Between Centers Inches	Shipping Weight Pounds	Price f.o.b. Factory
<b>TOOLROOM BENCH LATHES</b>					
8187-YS	10 $\frac{1}{8}$	3	15 $\frac{3}{4}$	960	\$1196.60
8187-ZS	10 $\frac{1}{8}$	3 $\frac{1}{2}$	20 $\frac{3}{4}$	990	1212.60
8187-AS	10 $\frac{1}{8}$	4	26 $\frac{3}{4}$	1060	1238.60
<b>TOOLROOM LATHES WITH FLOOR LEGS</b>					
8187-Y	10 $\frac{1}{8}$	3	15 $\frac{3}{4}$	935	\$1151.60
8187-Z	10 $\frac{1}{8}$	3 $\frac{1}{2}$	20 $\frac{3}{4}$	960	1168.60
8187-A	10 $\frac{1}{8}$	4	26 $\frac{3}{4}$	985	1185.60

SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U. S. A.





South Bend 9" x 3' Toolroom Bench Lathe **\$486.70**



**\$167.20**

South Bend 9" x 3' Model C Bench Lathe

# SOUTH BEND

## 9-Inch Bench Lathes

### SPECIFICATIONS

- Swing over saddle wings..... 9 1/4"
- Swing over chip guard..... 5 1/2"
- Spindle speeds:
  - 6 speed drive..... 41 to 658 r.p.m.
  - 12 speed drive..... 41 to 1270 r.p.m.
- Thread cutting range:
  - Model A..... 48 pitches R.H. or L.H. 4 to 224 per inch
  - Models B & C..... 45 pitches R.H. or L.H. 4 to 160 per inch
- Power longitudinal feeds:
  - Model A..... 48—.0015" to .0853"
  - Model B..... 26—.0021" to .0155"
  - Model C..... 14—.0021" to .0156"
- Power cross feeds:
  - Model A..... 48—.0004" to .0252"
  - Model B..... 23—.001" to .0046"
- Belt, width of pulley step for..... 1"
- Centers, Morse taper..... No. 2
- Collet capacity, maximum..... 1/2"
- Headstock spindle hole..... 3/4"
- Lead screw 29° Acme Thread..... 3/4"—8
- Motor, size required:
  - For 6-speed drive..... 1/4 h.p.
  - For 12-speed drive..... 1/2 h.p.
- Spindle nose threads..... 1 1/2"—8
- Tailstock top set over..... 3/8"
- Tool holder cutter bit..... 1/4" sq.
- Tool holder shank..... 3/8" x 13/16"
- Approx. shipping weights:
  - 3 ft. bed lathe..... 355 lbs.
  - 3 1/2 ft. bed lathe..... 380 lbs.
  - 4 ft. bed lathe..... 405 lbs.
  - 4 1/2 ft. bed lathe..... 430 lbs.

Model A 9-inch Lathes have heat-treated alloy steel spindle, quick change gear box, and friction clutch worm drive for power longitudinal feeds and power cross-feeds.

Model B 9-inch Lathes are same as Model A Lathes except that they have independent change gears, instead of the quick change gear box, for threads and feeds.

Model C 9-inch Lathes are same as Model B Lathes except they do not have the worm drive for power feeds. The cross-feed is hand-operated, and

longitudinal feeds are obtained by engaging half-nuts with the lead screw.

Toolroom 9-inch Lathes are same as Model A Lathes except that they have the following toolroom attachments: collet chuck; collet rack; taper attachment; thread dial; and micrometer carriage stop.

Price includes 1 ph., 60 cy., 115 v., A.C. motor, drum control, and regular lathe equipment such as belts, centers, small face plate, tool post, etc. Chucks, collets, and tools are extra.

### 9-Inch Swing Horizontal Motor Driven South Bend Precision Bench Lathes

Length Bed Feet	Be-tween Cent-ers Inches	9" TOOLROOM LATHES		9" MODEL A LATHES				9" MODEL B LATHES				9" MODEL C LATHES			
				6-speed drive		12-speed drive		6-speed drive		12-speed drive		6-speed drive		12-speed drive	
		Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
3	16	8644-Y	\$486.70	444-Y	\$272.20	644-Y	\$317.70	477-Y	\$217.20	677-Y	\$262.70	415-YC	\$167.20	615-YC	\$212.70
3 1/2	22	8644-Z	501.70	444-Z	287.20	644-Z	332.70	477-Z	232.20	677-Z	277.70	415-ZC	182.20	615-ZC	227.70
4	28	8644-A	516.70	444-A	302.20	644-A	347.70	477-A	247.20	677-A	292.70	415-AC	197.20	615-AC	242.70
4 1/2	34	.....	.....	444-R	324.20	644-R	369.70	477-R	269.20	677-R	314.70	415-RC	219.20	615-RC	264.70

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



# 9" SOUTH BEND

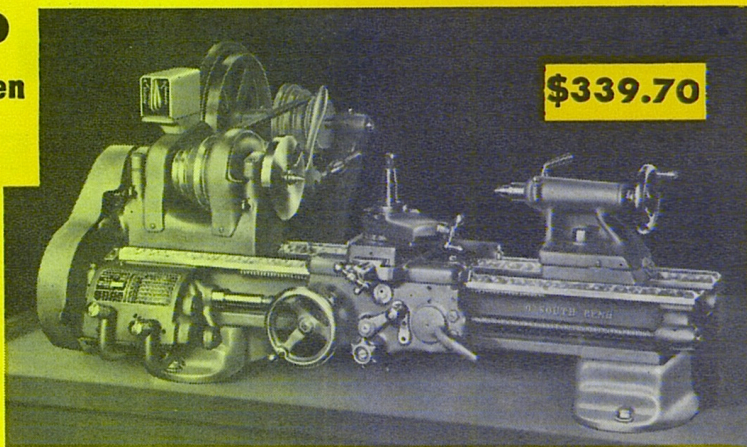
## V-Belt Horizontal Motor Driven Bench Lathes

The 9" Bench Lathes with 8-speed and 16-speed V-belt horizontal motor drives offer more spindle speeds—an advantage when surface speeds are critical. These lathes are identical in all other respects to those described on the preceding page.

Price includes 1 ph., 60 cy., 115 v., A.C. motor, drum control, and regular lathe equipment such as belt, centers, small face plate, tool post, etc. Chucks, collets, tools, and bench are extra.

### TIME PAYMENT TERMS

25 per cent down  
12 months to pay balance  
Moderate finance charges

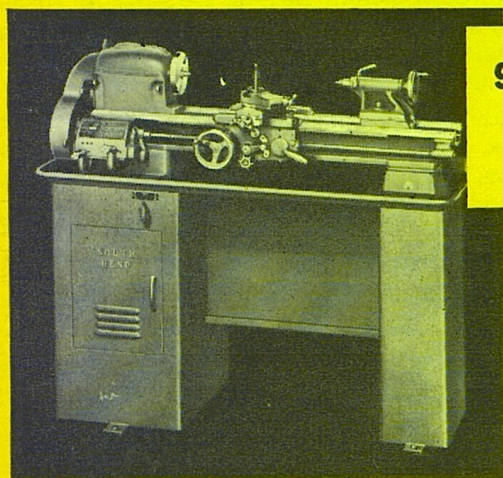


### SPECIFICATIONS

- Swing over saddle wings.....9¼"
- Swing over chip guard.....5½"
- Hole thru spindle.....¾"
- Collet capacity.....½"
- Spindle speeds
  - 8 speed drive....46 to 609 r.p.m.
  - 16 speed drive....46 to 1176 r.p.m.
- Thread cutting range:
  - Model A.....48 pitches R.H. or L.H. 4 to 224 per inch.
  - Models B & C .45 pitches R.H. or L.H. 4 to 160 per inch.
- Power longitudinal feeds
  - Model A......48—.0015" to .0853"
  - Model B......26—.0021" to .0155"
  - Model C......14—.0021" to .0156"
- Power cross-feeds
  - Model A......48—.0004" to .0252"
  - Model B......23—.001" to .0046"
- Spindle centers.....No. 2 Morse Taper
- Size motors
  - 8 speed drive.....¼ h.p.
  - 16 speed drive.....½ h.p.

### 9-Inch Bench Lathes with V-Belt Horizontal Motor Drive

Length Bed Feet	Between Centers Inches	Ship. Wt. Crated Pounds	MODEL A				MODEL B				MODEL C			
			8-speed drive		16-speed drive		8-speed drive		16-speed drive		8-speed drive		16-speed drive	
			Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
3	16	355	544-Y	\$294.20	744-Y	\$339.70	577-Y	\$239.20	777-Y	\$284.70	515-YC	\$189.20	715-YC	\$234.70
3½	22	380	544-Z	309.20	744-Z	354.70	577-Z	254.20	777-Z	299.70	515-ZC	204.20	715-ZC	249.70
4	28	405	544-A	324.20	744-A	369.70	577-A	269.20	777-A	314.70	515-AC	219.20	715-AC	264.70
4½	34	430	544-R	346.20	744-R	391.70	577-R	291.20	777-R	336.70	515-RC	241.20	715-RC	286.70



## 9" SOUTH BEND Underneath Motor Driven Lathe

Capable of machining work to the most exacting tolerances, this lathe is recommended for precision work in the toolroom, laboratory, or machine shop. Fully enclosed motor drive unit provides twelve spindle speeds, 41 to 1270 r.p.m. See above for other specifications. Price includes 1 ph., 60 cy., 115 v., A.C. motor, drum control, and regular lathe equipment. Chucks, collets, and tools are extra.

### 9" Underneath Motor Driven Lathes

Catalog Number	Model	Length of Bed Feet	Between Centers Inches	Weight Crated Pounds	Price f.o.b. Factory
344-ZN	A	3½	22	570	\$486.70
377-ZN	B	3½	22	560	431.70
8344-ZN	Toolroom	3½	22	630	655.70

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



# SOUTH BEND

## Precision Turret Lathes

SPECIFICATIONS	SERIES 900	SERIES 1000	SERIES 2-H
Collet capacity.....	1/2"	1"	1"
Hole thru spindle.....	3/4"	1 1/8"	1 3/8"
Swing over bed and saddle wings.....	9 1/4"	10 1/8"	16 1/4"
Swing over double tool-slide.....	3-9/16"	3-9/16"	6 7/8"
Swing over compound slide	5 1/2"	5 7/8"	
Turret tool feed.....	4"	4"	6 1/8"
Turret face to spindle distance, max.....	20 5/8"	19 3/8"	6' bed—28 1/4"
Double tool slide cross travel.....	3 5/8"	3 5/8"	9 3/4"
Thread cutting range, 48..	4—224 per in.	4—224 per in.	4—224 per in.
Spindle speeds, 12.....	41-1270 r.p.m.	50—1357 r.p.m.	16-880 r.p.m.
Carriage power feeds:			
Longitudinal, 48.....	.0015"—.0853"	.0015"—.0836"	.0015"—.0841"
Transverse, 48.....	.0004"—.0252"	.0006"—.0309"	.0006"—.0312"
Carriage longitudinal travel.....	18"	16"	6' bed—22 1/2"
Turret power feeds.....	.....	.....	.0001"—.0148"
Turret indexing tolerance at 4" from turret face.....	.0005"	.0005"	.0005"
Size motor.....	1/2 h.p.	3/4 h.p.	1 1/2 h.p.

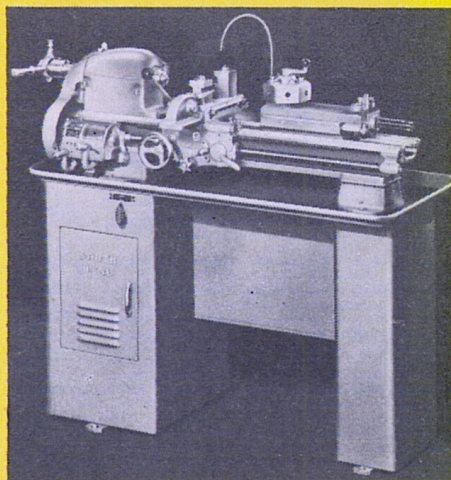
**Series 900.** This turret lathe is specifically designed for second operations on small, precision parts. Its accuracy, and speed of handling and machining produce appreciable economies in manufacturing that are not possible with heavy turret lathes. Price includes 1 ph., 60 cy., 115 v.,

A.C. motor, drum control, power feed universal carriage, handlever bed turret, handlever cross slide, compound rest cross slide, coolant return assembly, and metal column base with built-in oil pan.

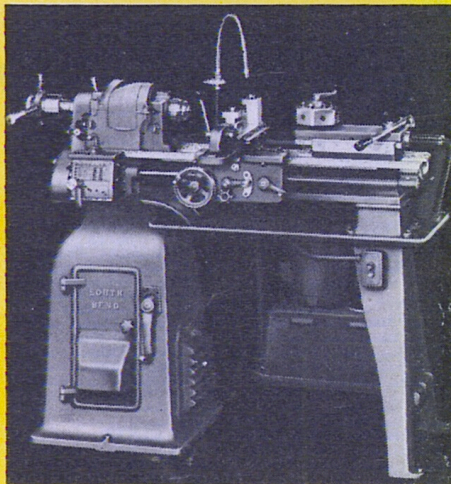
**Series 1000.** Designed for the same types of applications as the Series 900, these turret lathes with their larger capacities are ideal for machining a wide variety of precision parts. Numerous choices of spindle speeds, power longitudinal and transverse carriage feeds, and thread cutting feeds keep production efficient. Price includes 3 ph., 60 cy., 220 v., A.C. motor, drum control, power feed universal carriage, handlever bed turret, handlever cross slide, compound rest cross slide, oil pan, and coolant return assembly.

**Series 2-H.** The production of precision duplicate parts in both machine shops and toolrooms is simplified with 2-H Turret Lathes. They are especially suited for exacting second operations on large work because of their accuracy and ease of operation. Price includes 3 ph., 60 cy., 220 v., A.C. motor, drum control, power feed universal carriage with screw feed double tool slide having front and rear tool blocks, power feed ram-type turret, and oil pan.

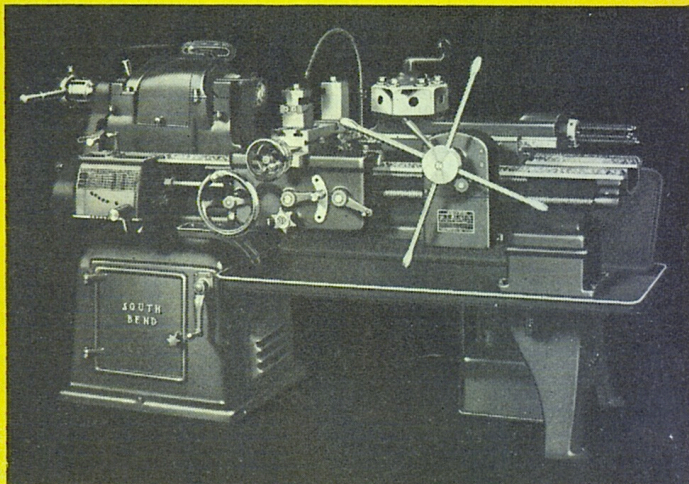
*Prices of turret lathes do not include coolant pump or collet equipment.*



Ser. 900, Cat. No. 930-Z Turret Lathe **\$765.70**



Ser. 1000, Cat. No. 1006-Z Turret Lathe **\$1199.60**

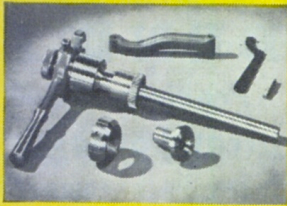


Series 2-H, Cat. No. 2-CT Turret Lathe (6' bed) **\$2500.00**

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



# SOUTH BEND LATHE ATTACHMENTS



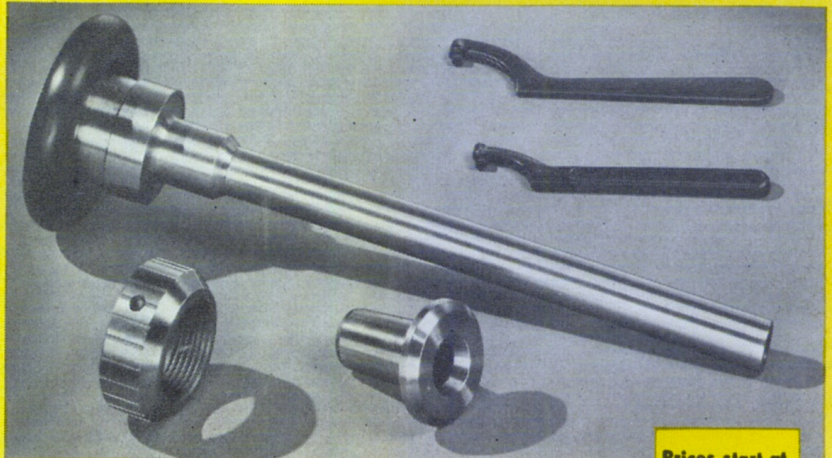
## HANDLEVER COLLET ATTACHMENT

The Handlever Collet Attachment is an aid to rapid production work. Stock can be released and fed through the collet without stopping the lathe.

## Collet Attachment

### HANDWHEEL TYPE

The Handwheel Collet Attachment is a very accurate type of chuck. It is used for precision toolroom work and for the manufacture of small parts, or wherever extremely close tolerances are required. Bar and tube stock can be fed through the hollow draw-bar that operates the collet. Equipment includes draw-bar, spindle nose cap, spanner wrench, and closing sleeve. Collets are not included.



Handwheel Draw-in Collet Attachment

Prices start at  
**\$25**

## DRAW-IN COLLET ATTACHMENTS

Size of Lathe	Collet Required	Max. Collet Cap.	Handwheel Type		Handlever Type	
			Catalog Number	Price	Catalog Number	Price
9" and Series 900.....	No. 3	1/2"	4306-W	\$25	5206-W	\$ 85
10"—11/16" Collet.....	No. 2	11/16"	4310	40	5210	120
10"—1" Col. & Series 1000.	No. 5	1"	4312	50	5219	150
13".....	No. 2	11/16"	4313	40	5213	120
14 1/2".....	No. 4	3/4"	4314	45	5214	140
16", 16/24", & No. 2-H....	No. 5	1"	4316	50	5216	150

## Collet Rack and Collet Chest

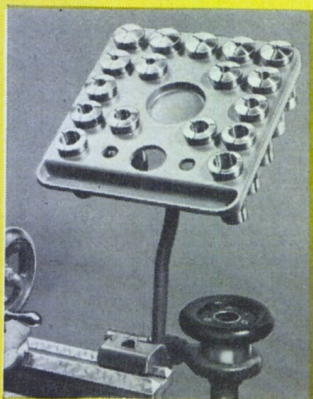
Collet Rack No. 1770-W holds 19 collets, all others hold 17 collets. Collets are not included.

### COLLET RACKS

Catalog Number	Size of Lathe	Price
1770-W	9" and 900	\$12
1752	10"—11/16" Col.	15
1753	10"—1" Col.	17
1753	Ser. 1000	17
1772	13"	15
1791	14 1/2"	17
1774	16" & 16/24"	17

No. 2225—Collet Chest only, for holding handwheel collet attachment and collets for 9" lathe. Collet attachment and collets not included. Price: \$7.50

No. 2220—Collet Chest, 9" handwheel collet attachment and 29 steel collets for round work, 1/16" to 1/2" by 64ths. Complete: \$122.00



### COLLET RACK

Holds collets, centers, spindle sleeve, draw-bar, spindle nose cap, wrench, etc.

### TIME PAYMENT TERMS

When order includes lathe  
25 per cent down  
12 months to pay balance  
moderate finance charges



### COLLET CHEST

Holds handwheel collet attachment and 29 collets. Well constructed of wood.

SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.



# SOUTH BEND LATHE ATTACHMENTS

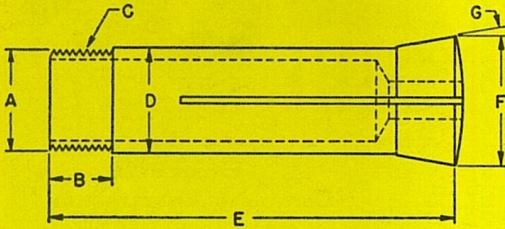
## Collets and Collet Sets

South Bend Collets, manufactured with the same exacting care as South Bend Lathes, deliver long, dependable service on precision work. Each collet is carefully inspected and tested, and packed in substantial plastic box with transparent lid through which the size can be read for easy selection.

Steel Collets are carefully heat-treated for maximum service and are precision ground to exceedingly close tolerances.

Brass Collets, a South Bend innovation, have many practical applications.

Their low cost makes them desirable for odd sizes that are used only occasionally. They can be readily machined on the job for holding tapered or irregular shapes. When worn, they can be rebored to larger diameters.



Steel Collet



Brass Collet



Collet Packaged in Plastic Box

### Specifications of Steel and Brass Collets

Collet Number	For South Bend Lathes	A Thread Diameter Inches	B Thread Length Inches	C Threads Per Inch	D Body Diameter Inches	E Collet Length Inches	F Head Diameter Inches	G Angle Length Degrees
3	9" and Series 900	.650	3/4	26	.6495	2-11/16	.852	12
2	10"—11/16" Col. and 13"	.855	13/16	20	.8595	3-5/16	1.095	15
5	10"—1" Collet, 1000, 2-H, 16", and 16/24"	1.250	3/4	20	1.2495	3-9/32	1.452	10
4	14 1/2"	.950	13/16	20	.9495	3	1.150	10

\*Collets can also be used on any other lathe or machine which they will fit.

### South Bend Collets and Collet Sets

Collet	Description	Steel Collets		Brass Collets	
		Cat. No.	Price	Cat. No.	Price
No. 3	1 Collet, any standard size 1/16" to 1/2" in 64ths.....	609-W	\$ 3.75	1696	\$ 2.00
	Set of 8 Collets in 16ths, 1/16" to 1/2".....	2047	27.00	2235	15.00
	Set of 7 Collets in odd 32nds, 3/32" to 15/32".....	2476	24.00	2534	13.00
	Set of 14 Collets in odd 64ths, 5/64" to 31/64".....	2477	46.00	2535	24.00
	Decimal Collets (.0625" to .500") each.....	769-W	4.00	1856	2.15
	Metric Collets (1.5 mm to 12.5 mm) each.....	773-W	4.00	1702	2.15
No. 2	1 Collet, any standard size 1/16" to 11/16" in 64ths.....	1721	4.00	1697	2.25
	Set of 11 Collets in 16ths, 1/16" to 11/16".....	2432	39.00	2238	23.00
	Set of 10 Collets in odd 32nds, 3/32" to 21/32".....	2478	36.00	2536	21.00
	Set of 20 Collets in odd 64ths, 5/64" to 43/64".....	2479	71.00	2537	40.00
	Decimal Collets (.0625" to .6875") each.....	769-N	4.25	1857	2.40
	Metric Collets (1.5 mm to 17.0 mm) each.....	773-N	4.25	1703	2.40
No. 5	1 Collet, any standard size 1/16" to 1" in 64ths.....	1722	4.75	1698	2.50
	Set of 16 Collets in 16ths, 1/16" to 1".....	2435	68.00	2241	37.00
	Set of 15 Collets in odd 32nds, 3/32" to 31/32".....	2482	64.00	2540	35.00
	Set of 30 Collets in odd 64ths, 5/64" to 63/64".....	2483	127.00	2541	65.00
	Decimal Collets (.0625" to 1.000") each.....	769-R	5.00	1858	2.65
	Metric Collets (1.5 mm to 25.0 mm) each.....	773-R	5.00	1704	2.65
No. 4	1 Collet, any standard size 1/16" to 3/4" in 64ths.....	1713	4.25	1699	2.35
	Set of 12 Collets in 16ths, 1/16" to 3/4".....	2438	46.00	2244	26.00
	Set of 11 Collets in odd 32nds, 3/32" to 23/32".....	2480	42.00	2538	24.00
	Set of 22 Collets in odd 64ths, 5/64" to 47/64".....	2481	81.00	2539	45.00
	Decimal Collets (.0625 to .7500") each.....	769-K	4.50	1859	2.50
	Metric Collets (1.5 mm to 19.0 mm) each.....	773-K	4.50	1705	2.50

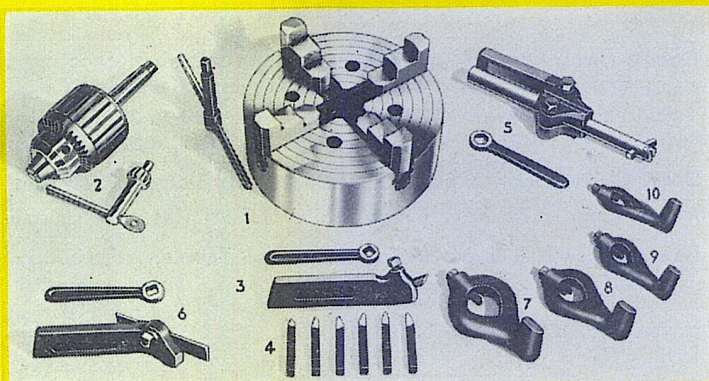
**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



# SOUTH BEND LATHE ATTACHMENTS

## Chuck and Tool Assortments

The chucks and tools in the assortments shown are recommended for use with the various South Bend Lathes. This is the basic equipment required for the average shop for general machine work, such as turning, boring, drilling, cutting-off, chucking, etc. A 3-jaw Universal chuck can be substituted for the 4-jaw Independent at additional cost.



### Contents of Assortment

**4-Jaw Independent Lathe Chuck** fitted to lathe. Sizes: 6 in. on 9" and 10" Lathes; 7½ in. on 13" Lathe; 9 in. on 14½" Lathe; 10 in. on 16" and 16/24" Lathes.

**Jacobs 3-Jaw Drill Chuck.** Sizes: ½ in. on 9" and 10" Lathes; ¾ in. on 13" and 14½" Lathes; 1 in. on 16" and 16/24" Lathes.

**Arbor Fitted to Above Drill Chuck.**

**Straight Shank Tool Holder.**

**6 Ground Cutter Bits for Tool Holder.**

**Boring Tool Holder, Style "B."** 9" Lathes take Style "D."

**Cutting-Off Tool Holder, Right-Hand.**

**4 Malleable Lathe Dogs.** Sizes: ½", ¾", 1", and 1¼" on 9" and 10" Lathes; ½", ¾", 1", and 1½" on all others.

### Prices of Complete Assortments

Size of Lathe	Catalog No.	Price
9" & 900.....	105-WT	\$53.44
10"—11/16" Collet.....	110-T	92.27
10"—1" Collet & 1000...	110-L	93.27
13".....	113-T	107.81
14½".....	114-T	121.58
16" & 16/24".....	116-T	141.88

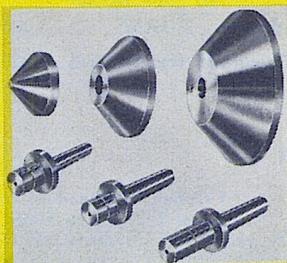
## Wood Turning Rest

Mounts on compound rest base to convert lathe for wood turning. See following pages for centers for wood turning.

Prices Start  
At \$9



Size of Lathe	Catalog No.	Price
9".....	896-W	\$ 9
10".....	1069	12
13".....	1073	14
14½".....	1165	18
16" and 16/24".....	1075	18



### Pipe Centers

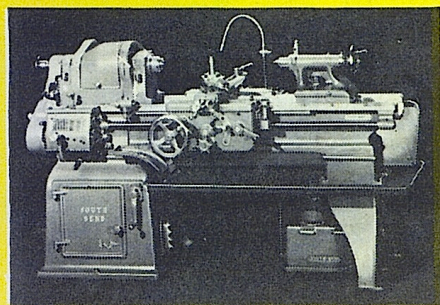
Cat. No.	Takes Pipe	Requires Shank	Price
2160	½" to 3"	2172-NR	\$4.50
2161	3" to 5"	2172-TH	6.00
2162	5" to 8"	2173-TH	9.00

### Pipe Center Shanks

Cat. No.	Taper	Price
2172-NR	No. 2	\$4.50
2172-TH	No. 3	4.50
2173-TH	No. 3	7.50

## Chip Pans and Oil Pans

Oil Pans, Splash Pans, and Chip Pans can be supplied for all South Bend Lathes. Oil Pans should be factory-installed for proper fit. Complete information and prices will be supplied on request.



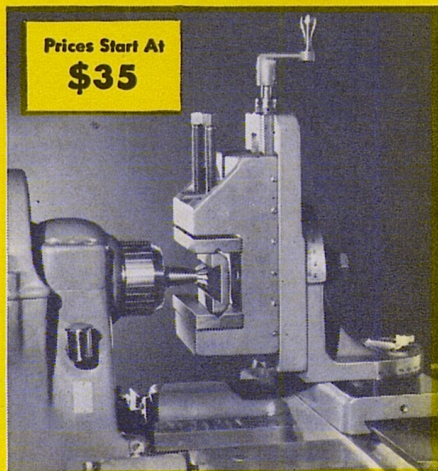
**TIME  
PAYMENT  
TERMS**

When order includes lathe  
25 per cent down  
12 months to pay balance  
Moderate finance charges

SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.



## Milling and Keyway Cutting Attachment



Milling and Keyway Cutting Attachment

This useful attachment is ideal for shops not having enough of this work to justify a milling machine. Mounts on compound rest base of lathe, permitting the power cross and longitudinal feeds to be used for milling, boring and keyway cutting operations on work held in the milling attachment vise. Vise swivels in any direction, 180° horizontal and vertical graduations. Vertical slide adjusting screw equipped with micrometer graduated collar.

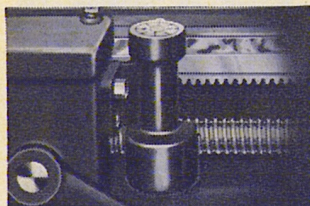
Size Lathe	Cat. No.	Vise Cap.	Price
9" & 900	9-W	1 1/2"	\$35
10" & 1000	1-N	1 3/4"	45
13"	3	2 7/8"	55
14 1/2"	4-K	4"	65
16", 16/24"	5	4"	75

### Arbors for Milling Cutters



Holds cutters with 1" holes. Capacity between nut and shoulder, 1 1/2". 3 spacing collars furnished. All shanks No. 3 Morse Taper.

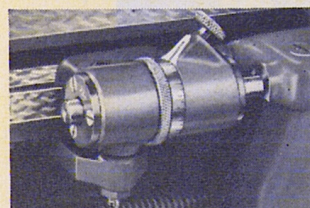
Lathe Size	Catalog No.	Price
9" & 900	109-NH	\$7
10" & 1000	109-NH	7
13"	109-NH	7
14 1/2"	109-NH	7
16", 16/24"	109-NH	7



### Thread Dial Indicator

Eliminates reversing of lathe spindle when cutting threads. Dial is numbered and graduated to show when to close half-nuts on lead screw to catch the thread on the next successive cut, after returning carriage to starting point.

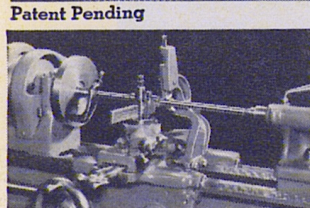
Lathe Size	Catalog No.	Price
9" & 900	810-W	\$ 8
10" & 1000	1588	13
13"	813	15
14 1/2"	813	15
16", 16/24", 2-H	813	15



### Micrometer Carriage Stop

Locates the carriage at any point along the bed for accurate facing, turning, boring, etc. Has accurately graduated micrometer collar. Stop is hardened on both ends for use on either side of carriage. Can be locked for duplicate work.

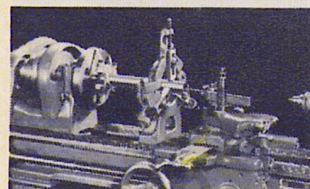
Size of Lathe	Catalog No.	Price
9" & 900	968-W	\$15
10" & 1000	1518	16
13"	973	18
14 1/2"	1502	19
16", 16/24", 2-H	975	19



### Follower Rest

Supports long, slender shafts being machined between centers. Attaches to, and travels with, the carriage. Adjusting screws and lock screws are provided for setting the jaws in position. Slots in bottom of follower rest permit quick attachment or removal.

Size of Lathe	Catalog No.	Capacity		Price
		Max.	Min.	
9" & 900	34-W	2"	3/16"	\$4.75
10" & 1000	1353	2 1/2"	3/16"	7.00
13"	376	3 1/4"	3/16"	8.00
14 1/2"	1351	4 1/4"	3/16"	9.00
16"	730	4 1/4"	3/16"	10.00
16/24"	1352	4 1/4"	3/16"	15.00



### Center Rest

Clamps on inside ways of lathe bed and is used for supporting long shafts, boring spindles, etc. The 3 jaws are adjustable, and are made of cast iron. Top of center rest is hinged to facilitate inserting and removing shafts.

Size of Lathe	Catalog No.	Capacity		Price
		Max.	Min.	
9" & 900	125-W	3"	1/4"	\$ 7
10" & 1000	1177	3"	1/4"	10
13"	341	3 3/4"	3/8"	13
14 1/2"	1174	4 3/4"	3/8"	16
16"	720	4 3/4"	3/8"	18
16/24"	1175	4 3/4"	3/8"	24



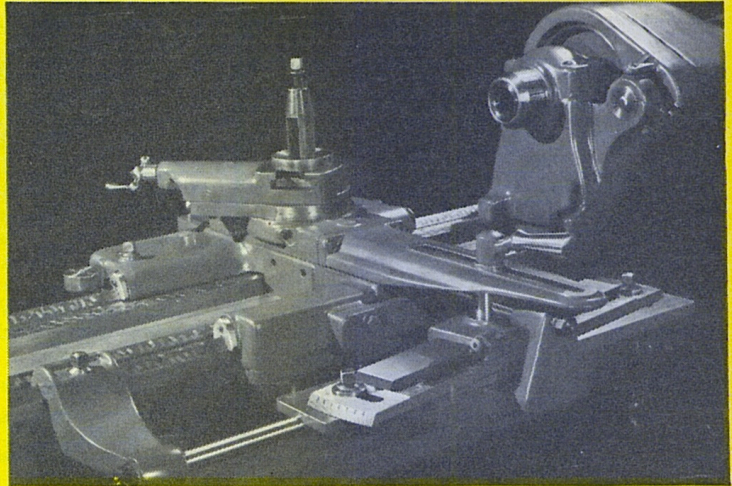
# SOUTH BEND LATHE ATTACHMENTS

## Taper Attachments

Telescopic and Plain

Taper turning and boring are as easily accomplished as straight turning on lathes equipped with South Bend Taper Attachments. The Taper Attachments are permanently mounted on the lathe carriages, and must be fitted at the factory. Accuracy and smooth operation are assured by their practical design and rugged construction. The swivel bar is graduated in both degrees and taper per foot.

Telescopic Taper Attachments are used only on 10" and larger lathes. A telescopic cross-feed screw eliminates the necessity of disconnecting the cross-feed nut when tapers are machined. The Plain Taper Attachment used on 9" Lathes requires the disconnecting of the cross-feed screw and nut.

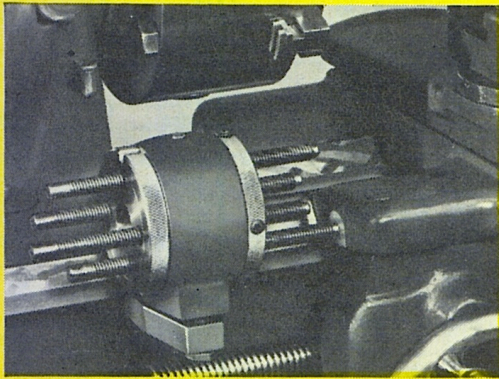


Telescopic Taper Attachment

Size of Lathe	Catalog Number	Max. Length at One Setting	Max. Taper per Foot	Max. Taper in Degrees	Price
9" and 900....	428-W	7"	3 1/2"	16 1/2"	\$ 75
10" & 1000....	1545	8 1/2"	3 1/2"	16 1/2"	137
13".....	379	9 1/4"	3 1/2"	16 1/2"	154
14 1/2".....	399	9 1/4"	3 1/2"	16 1/2"	165
16" & 16/24"..	381	11 1/2"	3 1/2"	16 1/2"	185

When order includes lathe  
25 per cent down  
12 months to pay  
balance  
Moderate finance  
charges

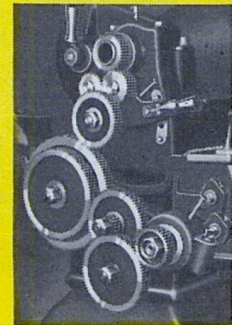
**TIME  
PAYMENT  
TERMS**



## Four Position Carriage Stop

Much time can be saved in positioning the cutting tool for repetitive operations, by using this four position carriage stop. Each of the four adjustable stops may be set for a different tool position, and may be revolved to locate the carriage for each of four successive cuts. This attachment is especially desirable when a square turret tool block carrying up to four cutting tools is used. It may be clamped on either side of the carriage to position the tool either from left to right, or from right to left.

Cat. No.	Size Lathe	Price
2185-N	9".....	Price on Request
2185-R	10".....	
2185-T	13".....	
2185-F	14 1/2".....	
2185-H	16", 16/24", 2-H	



## Metric Transposing Gears

Metric screw threads from 6 mm to 0.20 mm pitch (L.H. & R.H.) can be cut when Metric Transposing Gears are used. Prices when ordered with lathe.

Size of Lathe	Catalog No.	Price
Mdl. A 9" & 900....	1955-W	\$10
Mdl. B or C 9" & 900	1759-W	12
10" & 1000.....	1363	40
13".....	1957	45
14 1/2".....	1961	50
16".....	1959	55
16/24".....	1960	50

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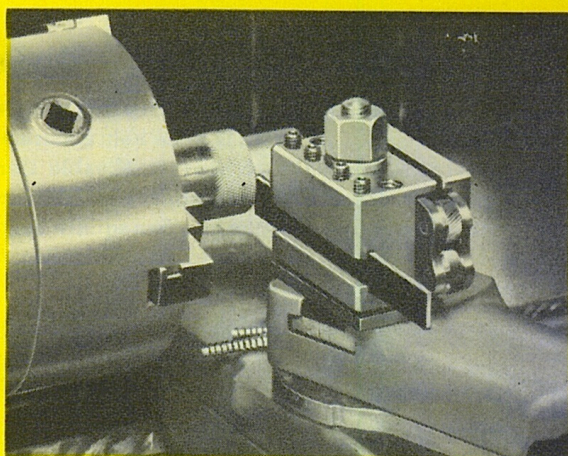


# SOUTH BEND LATHE ATTACHMENTS

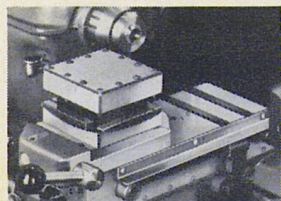
## Universal Tool Block

The new Universal Tool Block replaces the conventional tool post and various tool holders ordinarily used for general lathe work. It provides rigid support for turning, boring, threading, and cut-off tool bits. In addition, it is equipped with a self-aligning knurling head. Screw adjustments for tool height are easily made, and they stay put. No re-adjustment is required when replacing tools. This tool block can be adapted to fit other makes of lathes.

Size of Lathe	Cat. No.	Price
9".....	1413-N	\$11.25
10".....	1413-R	11.75
13".....	1413-T	13.75
14 1/2".....	1413-F	15.75
16" & 16/24"	1413-H	16.25



Universal Tool Block Patent Pending

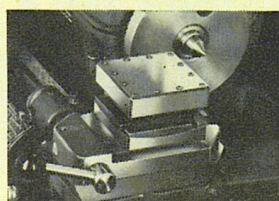


Patent Pending

## Square Turret Tool Block

for Double Tool Cross Slide

The turret indexes within .0005", permitting each of four tools to be used in sequence for rough turning, finish turning, facing, boring, cutting-off, or other operations as required. A quick-acting lever locks the turret securely in each of the four positions. Rocker adjustment is provided for adjusting height of each tool. For use on the double tool cross slides of South Bend Lathes, but can be adapted for use on other makes.



Patent Pending

## Square Turret Tool Block

for Compound Cross Slide

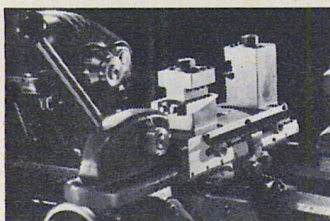
Used on compound cross slides for same purpose as tool block described at left. Turret indexes within .0005" to each of four positions and locks by means of lever. Rocker adjustments provided for tools. Ruggedly constructed. This tool block is for use on compound rest cross slides of South Bend Lathes but can be adapted for use on other makes.

### Tool Blocks for Double Tool Cross Slides

Size of Lathe	Catalog Number	Size Square	Takes Tools	Price
9" & 900.....	41-ND	3"	3/8" x 3/8"	\$40
10" & 1000.....	41-ND	3"	5/8" x 5/8"	40
16".....	42-ND	4"	5/8" x 5/8"	70

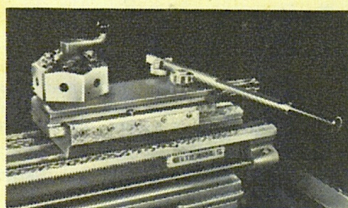
### Tool Blocks for Compound Cross Slides

Size of Lathe	Catalog Number	Size Square	Takes Tools	Price
9" & 900.....	40-NC	3"	3/8" x 3/8"	\$45
10" & 1000.....	41-NC	3"	3/8" x 3/8"	45
13".....	43-NC	3"	3/8" x 3/8"	50
14 1/2".....	44-NC	4"	5/8" x 5/8"	70
16" & 16/24".....	42-NC	4"	5/8" x 5/8"	75



## Handler Double Tool Cross Slide

Ideal for increasing production on repetitive operations. Three 7/16" square cutter bits can be used—two in front tool block, one in rear tool block. Mounts on saddle cross slide in place of compound rest. Can be operated by handler or power cross-feed.



## Handler Bed Turret

Turret head indexes automatically when lever is moved to extreme right. Each turret face has independently adjustable feed stop screw which accurately regulates length of cut. Effective feed of turret slide 4". Turret indexes within .0005" four inches from turret face.

Size of Lathe	Catalog Number	Swing over Slide	Price
9" & 900..	2030-W	3-9/16"	\$75
10" & 1000.	2031	3-9/16"	90

Size of Lathe	Cat. No.	Price
9" & 900.....	1611-W	\$200
10" & 1000....	1612	210
13".....	1613	225



## Standard and Safety Lathe Dogs

Lathe dogs should correspond in capacity to the diameter of the work if the work is to be held securely. These lathe dogs are made of heavy malleable iron and are properly designed for maximum strength and long service. The Standard Lathe Dog has square head alloy steel set screw. The Safety Lathe Dog has a headless alloy steel set screw.



### Lathe Dogs for 13" and Larger Lathes

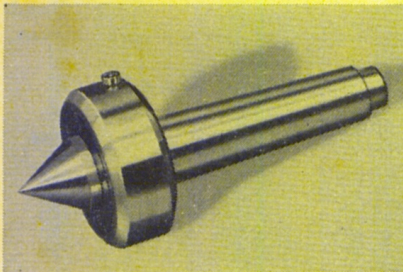
Cap. In.	STANDARD		SAFETY		
	Cat. No.	Price	Cat. No.	Wrench Required	Price
1/2	3843	\$0.80	3826	2385	\$0.80
3/4	3844	.95	3827	2386	.95
1	3845	1.05	3828	2387	1.05
1 1/4	3846	1.20	3829	2388	1.20
1 1/2	3847	1.40	3830	2389	1.40
1 3/4	3848	1.55	3831	2389	1.55
2	3849	1.70	3832	2389	1.70
2 1/2	3850	1.95	3833	2390	1.95
3	3851	2.20	3834	2390	2.20
3 1/2	3852	3.00	3835	2390	3.00
4	3853	4.00	3836	2390	4.00

### Lathe Dogs for 9" and 10" Lathes

Cap. In.	STANDARD		SAFETY		
	Cat. No.	Price	Cat. No.	Wrench Required	Price
3/8	3837	\$0.70	3820	2385	\$0.70
1/2	3838	.75	3821	2385	.75
3/4	3839	.90	3822	2386	.90
1	3840	1.00	3823	2387	1.00
1 1/4	3841	1.10	3824	2388	1.10
1 1/2	3842	1.35	3825	2388	1.35

A complete set of lathe dogs is a must in any shop.

## Lathe Centers and Drill Pads

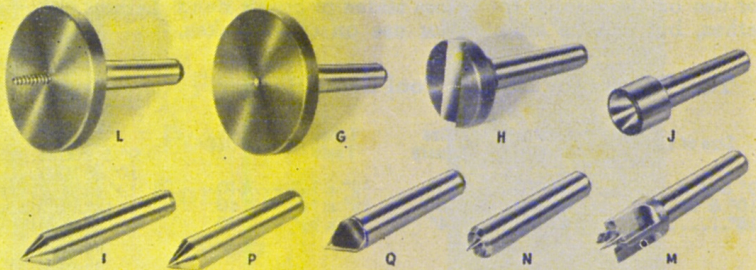


Patent Pending

### Ball Bearing Live Center

Designed for maximum strength and rigidity, the Ball Bearing Live Center is recommended for high speeds, heavy roughing cuts, etc. 60° point runs in substantial precision ball bearing which is easily replaceable.

Catalog No.	Shank Taper	Price
390C	No. 2	\$11.50
3901	No. 3	13.50



L—Screw Center for wood turning. G—Drill Pad to support flat work for drilling. H—Crotch Center supports round work for cross drilling. J—Hollow Center for supporting centerless shafts up to 7/8" dia. I—60° Center for headstock or tailstock spindles P—Carbide Center. Q—Half Center. N—Cup Center. M—Spur Center, for all wood turning operations.

Description	No. 2 Taper for 9" and 10" Lathes		No. 3 Taper for 13", 14 1/2", & 16"	
	Cat. No.	Price	Cat. No.	Price
L—Screw Center.....	731-NR	\$3.00	731-TH	\$3.25
G—Drill Pad.....	727-NR	2.50	727-TH	2.75
H—Crotch Center.....	728-NR	2.50	728-TH	3.25
J—Hollow Center.....	1896-NR	2.00	1896-TH	2.75
I—60° Center.....	726-NR	2.25	726-TH	3.00
P—Carbide Center.....	1889	4.50	1890	8.00
Q—Half Center.....	926-NR	2.25	926-TH	3.00
N—Cup Center.....	733-NR	2.00	733-TH	2.75
M—Spur Center.....	732-NR	3.00	732-TH	3.25

**TIME  
PAYMENT  
TERMS**

When order includes lathe  
25 per cent down  
12 months to pay balance  
Moderate finance charges



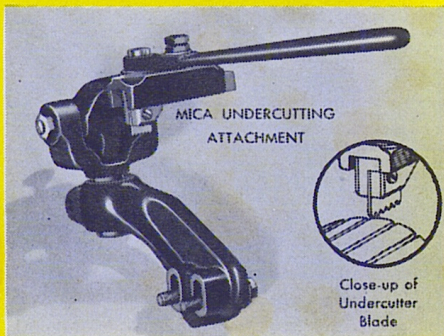
# SOUTH BEND LATHE ATTACHMENTS

## Coolant Pump and Reservoir

(Not Fitted to Lathe at Factory)

The coolant equipment listed below includes motor driven coolant pump, tubing, reservoir and tray, 1/4 h.p. motor (see table below), switch, and wiring for connecting switch to motor. Pump is self-priming as it is below the oil level. Reservoir intake is fitted with large filter screen. This coolant equipment can be used with lathes and other machine tools. When ordering, specify voltage, phase, and cycle of motor wanted.

Cat. No.	Motor Specifications				Price
	Current	Phase	Cycle	Voltage	
2003-C	A.C.	3	50	220	\$117.00
2003-D	A.C.	3	60	220	117.00
2003-E	A.C.	3	50	440	117.00
2003-F	A.C.	3	60	440	117.00
2001-A	A.C.	1	50	115	105.00
2001-B	A.C.	1	60	115	103.00
2001-C	A.C.	1	50	230	106.00
2001-D	A.C.	1	60	230	105.00
2000-K	D.C.	...	...	115	128.00
2000-L	D.C.	...	...	230	128.00



Patented

## Mica Undercutting Attachment

Any shop that repairs armatures for motors, generators or starters will have a lot of use for this practical attachment. It attaches to the saddle of the lathe which insures rigidity and alignment. The blade travels parallel to the commutator bars which insures clean, straight cutting. Upper portion is hinged so the blade holder can be swung back so it does not interfere with turning the commutator.

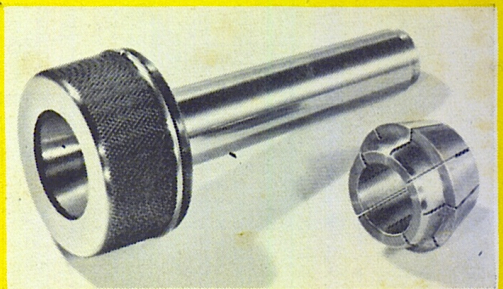
Price includes one blade .020" thick. Extra cutter blades .020" and .015" thick are available as listed below.

Size of Lathe	9"		10"		13"		14 1/2"		16"	
	Description	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.
Mica Undercutting Attachment.....	675-N	\$18.00	675-R	\$18.00	675-T	\$19.00	675-F	\$20.00	675-H	\$21.00
Extra Blade, .015".....	2028	.15	2028	.15	2028	.15	2028	.15	2028	.15
Extra Blade, .020".....	2029	.25	2029	.25	2029	.25	2029	.25	2029	.25

## Adjustable Collet Bushing Chuck

The adjustable collet bushing chuck provides an extremely accurate, but inexpensive equipment for mounting centerless armature shafts, and similar parts, in the lathe. Can be used in either head or tail spindle of lathe. Collets are made of brass, and may be adjusted for either running fit or driving fit on shaft.

Description	Cat. No.	Shank	Price
Adjustable Collet Bushing Chuck Only.....	1615-NR	No. 2	\$6.25
	1615-TH	No. 3	6.75
Adjustable Collet Bushing Chuck with set of 3 collets, 9/16", 5/8" and .637" capacity for popular armatures.....	1608-NR	No. 2	8.95
	1608-TH	No. 3	9.45



Cat. No. 1659, Extra Collets for round work, any capacity 1/4" to 1" round by 16ths, price each \$1.00.

**SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.**



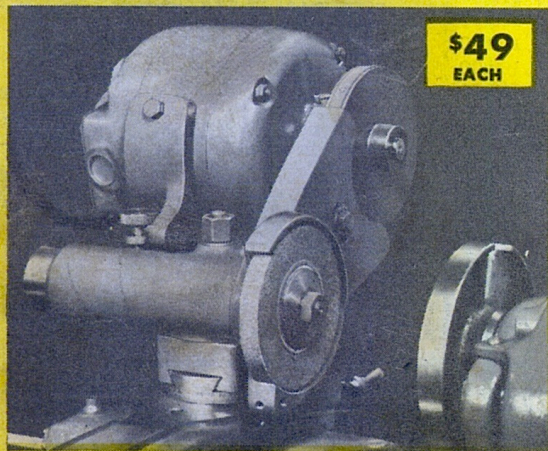
# SOUTH BEND LATHE ATTACHMENTS

## Two Superb Grinding Attachments

South Bend Design and Manufacture

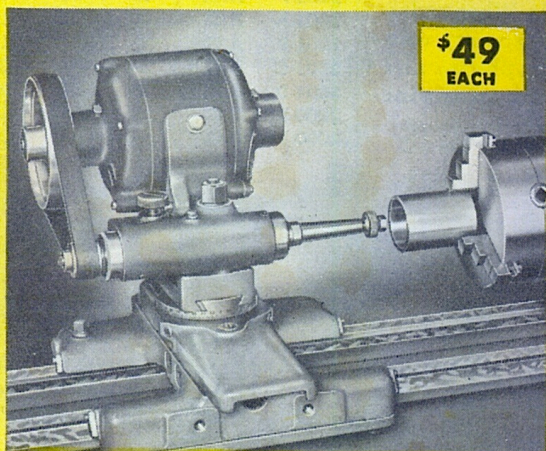
**External**—This powerful and efficient grinding attachment is recommended for external grinding. Designed to fit the various sizes of South Bend Lathes, it is easily adaptable for use on milling machines, shapers, planers, or other makes of lathes. The spindle revolves on pre-lubricated, precision ball bearings which are sealed to protect them from damage by dust, grit and metal particles produced when grinding. Supplied with  $\frac{1}{4}$  h.p., 1725 r.p.m. constant speed continuous duty motor, 4" x  $\frac{1}{2}$ " grinding wheel.

**Internal**—Designed as a companion to the External Grinding Attachment, this grinder is intended for all types of internal grinding. It is equipped with a  $\frac{1}{8}$  h.p. constant speed continuous duty motor. Spindle runs in precision ball bearings. Changeable pulleys provide 3 spindle speeds of approximately 13,000, 15,000, and 18,000 r.p.m. Uses standard Norton and Carborundum grinding wheels. Extension quill permits grinding holes up to 2 $\frac{1}{4}$ " deep. Price includes belt and three assorted grinding wheels.



**\$49**  
EACH

External Grinding Attachment



**\$49**  
EACH

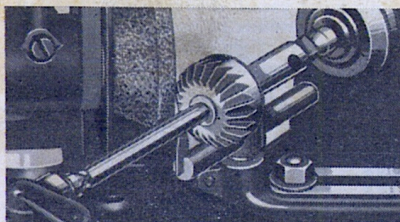
Internal Grinding Attachment

Prices include motor for 115 v., 60 cy., 1 ph., A.C. current.  
Prices with other motors quoted on request.

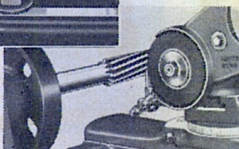
### TIME PAYMENT TERMS

When order includes lathe  
25 per cent down  
12 months to pay balance  
moderate finance charges

Size of Lathe	EXTERNAL GRINDER		INTERNAL GRINDER	
	Catalog No.	Price	Catalog No.	Price
9" & Series 900.....	301-BN	\$49	201-BN	\$49
10"—11/16" Col.....	301-BR	49	201-BR	49
10"—1" Col. & 1000.....	301-BR	49	201-BR	49
13".....	301-BT	49	201-BT	49
14 1/2".....	301-BF	49	201-BF	49
16" & 16/24".....	301-BH	49	201-BH	49



Above: Grinding a cutter with spring stop in holding fixture. Right: Grinding spiral reamer.



### Reamer and Cutter Grinding Stops

Consists of adjustable holding fixture which clamps on lathe bed for holding adjustable grinding stops and diamond dresser for grinding wheels. Also a grinding stop which attaches to grinding wheel guard and travels with grinder for grinding spiral reamers and cutters.

Size of Lathe	9" Ser. 900	10" Ser. 1000	13"	14 1/2"	16"	16/24"
Catalog No.....	1512-N	1512-R	1512-T	1512-F	1512-H	1512-V
Price.....	\$15	\$16	\$18	\$20	\$20	\$29

SOUTH BEND LATHE WORKS, 524 E. Madison Street, South Bend 22, Indiana, U.S.A.