



**LATHES  
OPTIONS  
ACCESSORIES**

**SHELDON**

***SHELDON MACHINE CO., INC.***  
*Builders of precision machine tools*  
4258 N. KNOX AVE. • CHICAGO, ILLINOIS 60641

[www.OzarkToolManuals.com](http://www.OzarkToolManuals.com)

## R-15 LATHES



**STANDARD EQUIPMENT** included in the base price of the lathe: 7½ h.p. two speed motor, 230 or 460 volts, 50-60 cycle with integral 4 speed geared transmission, size 1 combination magnetic reversing starter in Nema 12 enclosure with built-in door type fusible disconnect switch; external manual reset and control transformer providing 110 volts at oil tight push button stations; power on light; D1-6" camlock spindle nose with 2¼" through hole; electric tachometer; Sheldon Cross Slide with positionable compound; Sheldon Visual Group of satin-chrome micrometer dials for carriage stop and tailstock, apron, compound and cross feed handwheels; Sheldon sustained accuracy group of flame hardened beds with all V-ways and flat ways hardened, hard chrome cross slide dovetails and ways, hardened cross feed and compound screws, anti-backlash compensating nut; cross slide lock; carriage lock; one-shot lubrication system for bed, carriage and cross slide ways, and cross feed nut; automatic feed stops for power longitudinal and power cross feeds; micrometer carriage stop; dial gear box with built-in reverse lever that provides 80 power longitudinal and power cross feeds from .0005" to .120" through feed rod and 80 different thread pitches through precision lead screw; chip pan; front kick pan; two driving studs; centers; center sleeve; tang drive in tailstock spindle; thread chasing dial; tool post assembly; leveling bolts, necessary wrenches; parts and operation manual.

Lathe	CD	Weight	
R-15x5'	30"	3470 lbs.	\$ _____
R-15x6'	42"	3620 lbs.	\$ _____
R-15x8'	66"	3920 lbs.	\$ _____

## R-17 LATHES

**STANDARD EQUIPMENT** included in the base price of the lathe: 7½ h.p. two speed motor, 230 or 460 volts, 50-60 cycle with integral 4 speed geared transmission; Size 1 combination magnetic reversing starter in Nema 12 enclosure with built-in door type fusible disconnect switch, external manual reset and control transformer providing 110 volts at oil tight push button stations; power on light; D1-6" camlock spindle nose with 2¼" through hole; electric tachometer; Sheldon Cross Slide with positionable compound; Sheldon Visual Group of satin-chrome micrometer dials for carriage stop, and tailstock, apron, compound and cross feed handwheels. Sheldon sustained accuracy group of flame hardened beds with all V-ways and flat ways hardened, hard chrome cross slide dovetails and ways, hardened cross feed and compound screws, anti-backlash compensating nut; cross slide lock; carriage lock; one-shot lubrication system for bed, carriage and cross slide ways, and cross feed nut; automatic feed stops for power longitudinal and power cross feeds; micrometer carriage stop; dial gear box with built-in reverse lever that provides 80 power longitudinal and power cross feeds from .0005" to .120" through feed rod and 80 different thread pitches through precision lead screw; chip pan; front kick pan; two driving studs; centers; center sleeve; tang drive in tailstock spindle; thread chasing dial; tool post assembly; leveling bolts; necessary wrenches; parts and operation manual.



Lathe	CD	Weight	
R-17x5'	30"	3620 lbs.	\$ _____
R-17x6'	42"	3770 lbs.	\$ _____
R-17x8'	66"	4070 lbs.	\$ _____

## ELECTRICAL SPECIFICATIONS AND OPTIONS 15" AND 17" LATHES

Sheldon R-15 and R-17 lathes are built to National Machine Tool Builders Electrical Standards and provide 110 volts at all push buttons for operator protection, oil tight push buttons, and oil tight Nema 12 enclosure with fusible disconnect for main line magnetic controls. Motor is 230 or 460 volts, open drip proof type and is enclosed in the pedestal leg. Sheldon Machine Co., Inc. manufacturing standards apply to all electrical components.

Speed range, specify range desired

Standard range 32-1800 r.p.m. . . . .

Optional range 22-1250 r.p.m. (factory installed only) . . . .

Voltage, specify motor voltage required

230 volts, 3 phase, 60 cycle . . . . .

460 volts, 3 phase, 60 cycle . . . . .

### EXTRA COST OPTIONS

#### MAGNETIC BRAKES

Brakes are a valuable time saver for quick stopping of the spindle. They are magnetic plugging type for stopping frequency up to three times per minute and are totally enclosed.

AA-1820 . . . . . \$ \_\_\_\_\_

#### TWO SPEED MOTORS and CONTROLS

Standard two speed motor and control. Pushbuttons provide for Forward High, Forward Low, Reverse Low and Stop Operation.

##### CHOICE OF TWO SPINDLE SPEED RANGES

##### STANDARD SPINDLE SPEEDS—16—32 to 1800 R.P.M.

DIRECT DRIVE (HI)				
High Range	1800	1330	885	400
Low Range	900	665	440	200
BACK GEARS (LO)				
High Range	300	212	140	64
Low Range	130	106	70	32

##### OPTIONAL SPINDLE SPEEDS—16—22 to 1250 R.P.M.

DIRECT DRIVE				
High Range	1250	940	630	300
Low Range	625	470	320	150
BACK GEARS				
High Range	200	160	120	45
Low Range	100	80	60	22

#### TWO SPEED TOTALLY ENCLOSED MOTORS AND CONTROLS

- A-1629TE, 7½ h.p. two speed TOTALLY ENCLOSED motor,  
230 VOLTS, R-15 and R-17 lathes . . . \$ \_\_\_\_\_
- A-1630TE, 7½ h.p. two speed TOTALLY ENCLOSED motor,  
460 VOLTS, R-15 and R-17 lathes . . . \$ \_\_\_\_\_

#### APRON CONTROL

An apron control replaces headstock pushbutton stations to provide a convenient means of controlling the motor from a traveling handle on the side of the apron. It has three positions for selecting forward, reverse and stop operation of the motor. The apron control for use with two speed motors utilizes a selector switch on the headstock for selecting the "high" or "low" motor speed range. Factory installed only.

51701 Apron control for two speed motors for. . \$ \_\_\_\_\_

#### OTHER ELECTRICAL STANDARDS and SPECIFICATIONS

Prices on electrical controls and components to meet other than our electrical standards and specifications will be quoted on request.

# SHELDON

## GUARANTEE

Sheldon Machine Company, Inc. guarantees its products against defective material and workmanship for a period of five (5) years. All parts, accessories, and electrical equipment supplied by Sheldon Machine Company, Inc. but bearing the name of a manufacturer other than Sheldon Machine Company, Inc. are guaranteed against defective material and workmanship for a period of one (1) year.

The design and specifications of Sheldon lathes are subject to change without notice. This right is necessary in order to make continual improvements and necessary changes in design and construction.

All quoted prices and all prices that may be mentioned in price sheets, accepted orders, and acknowledgments are subject to increase or decrease to maximum prices prevailing at time of shipment from factory. In event of increase, customer will be notified and given option of cancelling his order or of accepting delivery at such increased prices.

All prices and terms are subject to change without notice.

All prices are subject to an increase equal to the amount of any Federal, state or local taxes which may be imposed.

Prices quoted herein include packing and crating for domestic shipment to any point in the Continental United States, Canada, or Mexico, but do not include boxing and packaging for export shipments. Prices are F.O.B. Factory.

# ACCESSORIES FOR R 13", 15", 17" LATHES



## FOLLOWER RESTS

The follower rest is attached to and moves with the lathe carriage to support long, flexible, and slender shafts for increased accuracy. The telescopic type with bronze tipped jaws with 3/8" to 4" capacity.

Stock No.	Lathes	Weight	Price
41614	R13	13 lbs.	\$ _____
51614	R15	14 lbs.	\$ _____
61614	R17	18 lbs.	\$ _____



## BED TURRETS

These are six station, handwheel operated bed turrets designed to increase the versatility of your lathe for short-run production operations. They are quickly mounted or easily removed from the lathe. The turret head automatically indexes one station with each complete back movement of the wheel. Length of tool operations is regulated by adjustable stops for each turret station. Turret has adjustable gibs for long life accuracy. When ordered with the lathe at the factory, turret is fitted to lathe bed and bored in line with lathe spindle for 1" shank tools. 1 1/4" available on request at no extra charge. Maximum turret stroke 6 1/2".

A-2152	Bed Turret	R-13	175 lbs.	\$ _____
A-2153	Bed Turret	R-15	180 lbs.	\$ _____



## STEADY REST

The steady rest is for supporting long bars or tubing and can be mounted any place on the bed ways. The telescopic type with bronze tipped jaws. Have hinged tops to facilitate quick insertion and removal of stock.

Stock No.	Capacity	Lathes	Weight	Price
11602	3/8" to 4"	R13	17 lbs.	\$ _____
11950	4" to 8"	R13	33 lbs.	\$ _____
AS-21600	3/8" to 4"	R15	17 lbs.	\$ _____
AS-21950	4" to 8"	R15	37 lbs.	\$ _____
61600	3/8" to 4"	R17	30 lbs.	\$ _____
61610	4" to 8"	R17	41 lbs.	\$ _____

## TRAV-A-DIAL

The trav-a-dial provides an easy to read, and accurate measurement of the linear travel of the carriage. Dial is mounted to the carriage wings and records by contact to the bed surface. Each revolution of the gauge is 6" of travel. Indicator dial is graduated in thousandths and reads accurately within .001" in 6" of travel. Permits accurate turning of shoulders and grooves and assists in exact sizing against fixed stops.

31050	Trav-a-dial, weight 10 lbs, complete with mounting bracket . . . . .	\$ _____
-------	--	----------



## TELESCOPIC TAPER ATTACHMENT

Taper attachments are an important accessory for turning and boring long tapers or where repetitive taper operations are necessary. Accurate performance is obtained through simplicity of design and sturdy construction. The attachment has tapered gibs for easy adjustment and long life. The swivel bar is graduated in inches per foot on one end and in degrees on the other end. Maximum capacity is 5" per foot or 12 degrees in a total of 12 1/4" per setting.

21650	Taper attachment, R13 & R15, weight 110 lbs.	\$ _____
61650	Taper attachment, R17, weight 115 lbs. . . . .	\$ _____

## COOLANT SYSTEM

Coolant system is built to meet NMTBA standards, has a 10 gallon tank, mounted on casters, 1/8 h.p., totally enclosed, 110 volt motor one phase that is integrally wired and fused through main control transformer. Wiring is with flexible, seal tight, conduit with oil-tight fittings. On-off operation is through oil-tight selector on headstock control panel.

A-2351	Coolant system, weight 50 lbs. . . . .	\$ _____
--------	--	----------



## LATHE LAMP

A-1909 Adjustable, bulb type lamp, attractively chrome finished. Furnished with 6 ft. oil-resistant cord and two-prong plug for 110 volt operation. Maximum bulb size 60 watts. Has new cool type shade.

A-1909	Lathe Lamp, less bulb, weight 2 lbs. . . . .	\$ _____
--------	--	----------

# CROSS SLIDE ACCESSORIES FOR R 13", 15", 17" LATHES



### COMPOUND ASSEMBLY

Permits adding of a rear tool station with angular feeds that can be swiveled as desired for threading or taper turning. Consists of swivel base and compound.

- 41013A Compound assembly for R-13..... \$ \_\_\_\_\_
- 31013A Compound assembly for R-15..... \$ \_\_\_\_\_
- 61013A Compound assembly for R-17..... \$ \_\_\_\_\_

### SWIVEL BASE



Swivel base clamps to cross slide and is for adaptation of your own special tooling. Swivel base is supplied as standard equipment with rear mounted tracers or when ordering the complete compound assembly.

- 41011A Swivel base for R 13 lathes..... \$ \_\_\_\_\_
- 31011A Swivel base for R 15 lathes..... \$ \_\_\_\_\_
- 61011A Swivel base for R-17 lathes..... \$ \_\_\_\_\_

### REAR T-SLOT BASE WITH TOOL BLOCK



For rear mounted tooling T slot base has two T slots for easy positioning of tooling and is equipped with a two station tool block. Tool Block takes 1" shank tool and has tapered wedges for accurate centering of tools.

- 41030 Rear tool base with tool block for R-13 lathes. \$ \_\_\_\_\_
- 31030 Rear mounted tool station for R-15 lathes ..... \$ \_\_\_\_\_
- 61030 Rear mounted tool station for R-17 lathes ..... \$ \_\_\_\_\_



### FIXTURE BASE

Flat precision ground fixture base is for mounting special tools such as pre-set tool blocks, radius turning attachments, milling and grinding attachments, pre-set gauges and instruments. It is used for workholding when machining from the spindle particularly to take advantage of the ultra-fine feed rates available for precision boring operations.

- For R-13 lathes
- 41029 Base 8-5/8" x 6-5/8" with 3.307 center height \$ \_\_\_\_\_
  - 41038 Base 12" x 7-1/16" with 3.248 center height \$ \_\_\_\_\_
- For R-15 lathes
- 31029 Base 9-3/4" x 7-3/4" with 3.767 center height \$ \_\_\_\_\_
  - 31038 Base 12-1/4" x 8-1/8" with 3.251 center ht. \$ \_\_\_\_\_
- For R-17 lathes
- 31029 Base 9-3/4" x 7-3/4" with 4.767 center height \$ \_\_\_\_\_
  - 31038 Base 12-1/4" x 8-1/8" with 4.251 center ht. \$ \_\_\_\_\_



### 8 STATION TURRET

Eight station turret permits multiple station chucking and turning operations. Since it can be positioned as desired on the cross slide, it can handle larger parts than conventional hand chucking machines as well as being used in conjunction with the lathe compound or other tooling stations. Turret is locked by air and has indexing accuracy of 50 millionths. Complete assembly includes turret, mounting base, tool holders as illustrated for 3/8" square cutter bits, and air filter, lubricator.

- 41031 8 station turret assembly for R-13 lathes..... \$ \_\_\_\_\_
- 31031 8 station turret assembly for R-15 lathes..... \$ \_\_\_\_\_
- 61031 8 station turret assembly for R-17 lathes..... \$ \_\_\_\_\_

### GAUGES FOR USE WITH 8 STATION TURRET



Cross slide indicator assembly includes a 4 station rotating barrel stop and a .025" travel dial indicator graduated in "tenths."

- 41032 for R13... \$ \_\_\_\_\_
- 51032 for R15 & R17 \$ \_\_\_\_\_

### TOOL HOLDER BLOCKS FOR 8 STATION TURRET

- 2702 A Adjustable tool holder block for holding 2702B and 2702C extension tool holders ..... \$ \_\_\_\_\_
- 2702 B 1" square extension tool holder for use with 2702A ..... \$ \_\_\_\_\_
- 2702 C 2" combination extension tool holder for use with 2702 A ..... \$ \_\_\_\_\_
- 2704 Square machined single tool holder..... \$ \_\_\_\_\_
- 2705 Solid tool holder block to be bored by user... \$ \_\_\_\_\_
- 2706 Square machined double tool holder ..... \$ \_\_\_\_\_



2702 A



2702 B



2702 C



2704



2705



2706

# THREADED 2 1/4" x 8" SPINDLE ACCESSORIES

XL, S, M Lathes



3 JAW AJUST-TRU



COLLET CHUCKS (HAND LEVER)



DOG PLATE



COLLET CHUCKS (HAND WHEEL)



6 JAW AJUST-TRU



LARGE FACE PLATE



A COLLET CHUCKS B



COLLET ATTACHMENT (HAND LEVER)



4 JAW INDEPENDENT



CHUCK PLATE



COLLET CHUCK SJOGREN



COLLET SPLASH GUARD

## CHUCKS, 3 Jaw Ajust-Tru

includes 3 Master and 3 Top Jaws  
These are precision scroll operated chucks that can be adjusted to guarantee .0005" chucking of duplicate parts. The front section of the chuck holds the workpiece in the same manner as other conventional scroll operated chucks. Four adjusting screws in the rear section, however, permit moving of the complete chuck body to dead center.

63M	6" 3 jaw	Weight 31 lbs.	\$ _____
83M	8" 3 jaw	Weight 55 lbs.	\$ _____
103M	10" 3 jaw	Weight 83 lbs.	\$ _____

## CHUCKS, 6 Jaw, Ajust-Tru

includes Inside and outside jaws  
Work can be centered easier and quicker with six opposing jaws. Soft metals and tubes can be gripped with less pressure, less distortion. Work is held firmer — permits precision machining farther from spindle. Lessens need for collets and handles work of odd or metric sizes. Chucks are completely fitted for lathe.

66M	6" 6 jaw	Weight 31 lbs.	\$ _____
86M	8" 6 jaw	Weight 61 lbs.	\$ _____
106M	10" 6 jaw	Weight 86 lbs.	\$ _____

## CHUCKS, 4 Jaw

The jaws are set independently for round or irregular work, either concentric or eccentric with lathe spindle. All chucks are fitted for your lathe.

64M	6" 4 jaw	Weight 21 lbs.	\$ _____
84M	8" 4 jaw	Weight 45 lbs.	\$ _____
104M	10" 4 jaw	Weight 65 lbs.	\$ _____

## COLLET CHUCKS, Hand Lever, Sjogren

Lever operated collet chuck is mounted on the spindle nose and can be operated without stopping the lathe spindle. Draw in error limited to .010". Positive lock of the closing collar holds work firmly in position while in operation.

No.	Capacity	Type Collet	Lathes	Weight	\$ _____
A-2233XL	1-1/16"	5C	XL	22 lbs.	\$ _____
A-2233SM	1-1/16"	5C	S, M	22 lbs.	\$ _____
A-2234XL	1-3/8"	2J	XL	22 lbs.	\$ _____
A-2234SM	1-3/8"	2J	S, M	22 lbs.	\$ _____

## PLATES, Face, Large

Large face plate can be used for supporting and revolving flat stock or jigs and fixtures for miscellaneous machining operations. Plates have ribbed, reinforced back. They have slots for clamping work and fixtures and are accurately fitted for lathe spindle nose.

XL1546	10" diameter	Weight 13 lbs.	\$ _____
LT183	11" diameter	Weight 13 1/2 lbs.	\$ _____
KT185	12" diameter	Weight 14 lbs.	\$ _____

## CHUCK PLATES

Chuck Plates are fitted for the spindle nose of your Sheldon lathe, and are used as a fixture plate or to convert other chucks for use on the lathe. Plates must be finish turned, drilled and tapped for mounting your particular chuck.

S-308S	8-1/4" diameter	Weight 9 lbs.	\$ _____
S-306S	6-3/16" diameter	Weight 7 lbs.	\$ _____

## DOG PLATES

Small face plate designed to drive lathe dog when supporting work between centers. Has two driving slots and two clamping slots. Accurately machined to fit lathe spindle nose. Standard equipment on new lathes.

LTKT-182	5-7/8" diameter	Weight 4 lbs.	\$ _____
----------	-----------------	---------------	----------

## COLLET CHUCKS, Jacobs A

This spindle nose collet chuck covers complete range from 1/16" to 1-3/8" with only 11 collets since each collet has a 1/8" range. Equalized pressure rigidly holds work. All around grip prevents marring or distortion. Chucks are completely fitted to lathe. Price does not include J900 collets See page 22.

S-91A6T	Collet Chuck	Weight 32 lbs.	\$ _____
---------	--------------	----------------	----------

## COLLET CHUCK, (Jacobs) B

The new JACOBS spindle nose collet chuck covers a range of 3/32" to 1-1/16" with only 10 collets. Each collet style J500 has a range of .100". Equalized pressure rigidly holds work while all grip prevents marring or distortion even of tubing and other fragile materials. Chucks are completely fitted to lathe. See page 22 for J500 collets.

A-2242M	Collet Chuck	Weight 9 lbs.	\$ _____
---------	--------------	---------------	----------

## COLLET ATTACHMENT, Hand Wheel

Standard 1-1/16" capacity hand wheel collet attachment for precision draw-in collet work to be fed through hollow draw bar in spindle. Attachment includes hollow draw bar with hand wheel, hardened and ground collet adaptor sleeve, and spanner wrench. Uses 5C collets.

XL 462A	for XL Lathes	Weight 9 1/2 lbs.	\$ _____
SM 462A	for S, M Lathes	Weight 10 lbs.	\$ _____

## COLLET ATTACHMENT, Hand Lever

Precision 1-1/16" capacity ball bearing hand lever collet attachment, with rigid supporting bracket, effortless release and closing adjustable tension, with hardened parts of new and improved design. Attachment includes hollow draw bar with hand lever, hardened and ground collet adaptor sleeve, spindle nose cap and spanner wrench. Uses 5C collets.

2461	for XL Lathes	Weight 20 lbs.	\$ _____
2462	for S, M Lathes	Weight 20 lbs.	\$ _____

## COLLET SPLASH GUARD

XL-2145	XL	Weight 1 lb.	\$ _____
M-2128	S & M	Weight 1 lb.	\$ _____

## COLLET CHUCKS, Hand Wheel, Sjogren

Spindle nose collet chuck, hand wheel type, for use with 5C, or 2J Collets. Quick turn of hand wheel automatically opens or closes collet. Chucks are completely fitted for lathe, have plain nose.

No.	Capacity	Type Collet	Lathes	Weight	\$ _____
A-2113	1-1/16"	5C	XL, S, M	27 lbs.	\$ _____
A-2115	1-3/8"	2J	XL, S, M	29 lbs.	\$ _____

XL, S, M Lathes  
R13 and VR13 Lathes



**DI-4 CAMLOCK ACCESSORIES**



3 JAW AJUST-TRU



COLLET CHUCKS (HAND LEVER)



6 JAW AJUST-TRU



LARGE FACE PLATE



4 JAW INDEPENDENT



CHUCK PLATE



DOG PLATE



COLLET CHUCKS (HAND WHEEL)



COLLET CHUCKS



COLLET ATTACHMENT (HAND LEVER)



COLLET CHUCK SJOGREN



COLLET SPLASH GUARD

**CHUCKS, 3 jaw Ajust-Tru**  
includes 3 Master and 3 Top Jaws

These are precision scroll operated chucks that can be adjusted to guarantee .0005" chucking of duplicate parts. The front section of the chuck holds the workpiece in the same manner as other conventional scroll operated chucks. Four adjusting screws in the rear section, however, permit moving of the complete chuck body to dead center.

63 D1-4	6" 3 jaw	Weight 33 lbs.	\$ _____
83 D1-4	8" 3 jaw	Weight 57 lbs.	\$ _____

**CHUCKS, 6 Jaw, Ajust-Tru**  
includes inside and outside jaws

Work can be centered easier and quicker with six opposing jaws. Soft metals and tubes can be gripped with less pressure, less distortion. Work is held firmer - permits precision machining farther from spindle. Lessens need for collets and handles work of odd or metric sizes. Chucks are completely fitted for lathe.

66 D1-4	6" 6 jaw	Weight 35 lbs.	\$ _____
86 D1-4	8" 6 jaw	Weight 61 lbs.	\$ _____

**CHUCKS, 4 Jaw**

The jaws are set independently for round or irregular work, either concentric or eccentric with lathe spindle. All chucks are fitted for your lathe.

64 D1-4	6" 4 jaw	Weight 21 lbs.	\$ _____
84 D1-4	8" 4 jaw	Weight 46 lbs.	\$ _____
104 D1-4	10" 4 jaw	Weight 58 lbs.	\$ _____

**COLLET CHUCKS, Hand Lever, Sjogren**

Lever operated collet chuck is mounted on the spindle nose and can be operated without stopping the lathe spindle. Draw in error limited to .010". Positive lock of the closing collar holds work firmly in position while in operation. Collet chuck includes splash guard.

No.	Capacity	Type Collet	Lathes	Weight	
A-2239-XL	1-1/16"	5C	XL	22 lbs.	\$ _____
A-2239-SM	1-1/16"	5C	S, M	22 lbs.	\$ _____
A-2239-R	1-1/16"	5C	R13, VR13	22 lbs.	\$ _____
A-2240-XL	1-3/8"	2J	XL	22 lbs.	\$ _____
A-2240-SM	1-3/8"	2J	S, M	22 lbs.	\$ _____
A-2240-R	1-3/8"	2J	R13, VR13	42 lbs.	\$ _____

**PLATES, Face, Large**

Large face plate can be used for supporting and revolving flat stock or jigs and fixtures for miscellaneous machining operations. Plates have ribbed, reinforced back. They have slots for clamping work and fixtures and are accurately fitted for lathe spindle nose.

XL-2087	9" diameter	Weight 12 lbs.	\$ _____
K-1832	11" diameter	Weight 13 1/2 lbs.	\$ _____
M-1831	12" diameter	Weight 14 lbs.	\$ _____

**CHUCK PLATES**

Chuck Plates are fitted for the spindle nose of your Sheldon lathe, and are used to convert other chucks for use on the lathe. Plates must be finish turned, drilled and tapped for mounting your particular chuck.

C-222	8-7/8" diameter	Weight 12 lbs.	\$ _____
C-251	7-3/8" diameter	Weight 10 lbs.	\$ _____

**DOG PLATES**

Small face plate designed to drive lathe dog when supporting work between centers. Has two driving slots and two clamping slots. Accurately machined to fit lathe spindle nose. Standard equipment on new lathes, M-1833

7" diameter Weight 7 lbs. \$ \_\_\_\_\_

**COLLETS CHUCKS, Jacobs A**

This spindle nose collet chuck covers complete range from 1/16" to 1-3/8" with only 11 collets since each collet has a 1/8" range. Equalized pressure rigidly holds work. All around grip prevents marring or distortion. Chucks are completely fitted to lathe. Price does not include J900 collets. See page 22 for collets.

A-2146 Collet Chuck Weight 17 lbs. \$ \_\_\_\_\_

**COLLET CHUCK, (Jacobs) B**

The new JACOBS spindle nose collet chuck covers a range of 3/32" to 1-1/16" with only 10 collets. Each collet style J500 has a range of .100". Equalized pressure rigidly holds work while all grip prevents marring or distortion even of tubing and other fragile materials. Chucks are completely fitted to lathe. See page 22 for J500 collets.

A-2242 D1-4 Collet Chuck Weight 10 lbs. \$ \_\_\_\_\_

**COLLET ATTACHMENT, Hand Wheel**

Standard 1-1/16" capacity hand wheel collet attachment for precision draw-in collet work to be fed through hollow draw bar in spindle. Attachment includes hollow draw bar with hand wheel, hardened and ground collet adaptor sleeve, and spanner wrench. Uses 5C collets.

AA-2029 for XL lathes, Weight 10 lbs. \$ \_\_\_\_\_

AA-2009 for S, M lathes, Weight 10 lbs. \$ \_\_\_\_\_

AA-2027 for R13 & VR13 lathes, Weight 15 lbs. \$ \_\_\_\_\_

**COLLET ATTACHMENT, Hand Lever**

Precision 1-1/16" capacity ball bearing hand lever collet attachment, with rigid supporting bracket, effortless release and closing adjustable tension, with hardened parts of new and improved design. Attachment includes hollow draw bar with hand lever, hardened and ground collet adaptor sleeve, spindle nose cap and spanner wrench. Uses 5C collets.

2461 D1-4 for XL lathes, Weight 20 lbs. \$ \_\_\_\_\_

2462 D1-4 for S, M lathes, Weight 20 lbs. \$ \_\_\_\_\_

31743 D1-4 for R13 & VR13 lathes, Weight 25 lbs. \$ \_\_\_\_\_

**COLLET SPLASH GUARD**

M-2128 S & M Lathes Weight 1 lb. \$ \_\_\_\_\_

**COLLET CHUCKS, Hand Wheel, Sjogren**

Spindle nose collet chuck, hand wheel type, for use with 5C, or 2J Collets. Quick turn of hand wheel automatically opens or closes collet. Chucks are completely fitted for lathe, have plain nose.

A-2118 5C Collet Chuck Weight 28 lbs. \$ \_\_\_\_\_

A-2119 2J Collet Chuck Weight 28 lbs. \$ \_\_\_\_\_

# DI-6 CAMLOCK ACCESSORIES

R-15 -R -17 Lathes  
VR-15 -VR-17 Lathes



3 JAW AJUST-TRU



COLLET CHUCKS  
(HAND LEVER)



LARGE FACE PLATE



CHUCK PLATE



6 JAW AJUST-TRU



4 JAW INDEPENDENT



COLLET CHUCKS, RUBBERFEX



COLLET CHUCK SJOGREN

## CHUCKS, 3 Jaw Ajust-Tru

includes 3 Master and 3 Top Jaws

These are precision scroll operated chucks that can be adjusted to guarantee .0005" chucking of duplicate parts. The front section of the chuck holds the workpiece in the same manner as other conventional scroll operated chucks. Four adjusting screws in the rear section, however, permit moving of the complete chuck body to dead center.

83 D1-6	8" 3 jaw	Weight 57 lbs.	\$ _____
103 D1-6	10" 3 jaw	Weight 83 lb.	\$ _____
123 D1-6	12" 3 jaw	Weight 128 lbs.	\$ _____

## CHUCKS, 6 Jaw, Ajust-Tru

includes inside and outside jaws

Work can be centered easier and quicker with six opposing jaws. Soft metals and tubes can be gripped with less pressure, less distortion. Work is held firmer — permits precision machining farther from spindle. Lessens need for collets and handles work of odd or metric sizes. Chucks are completely fitted for lathe.

86 D1-6	8" 6 jaw	Weight 61 lbs.	\$ _____
106 D1-6	10" 6 jaw	Weight 86 lbs.	\$ _____
126 D1-6	12" 6 jaw	Weight 143 lbs.	\$ _____

## CHUCKS, 4 Jaw

The jaws are set independently for round or irregular work, either concentric or eccentric with lathe spindle. All chucks are fitted for your lathe.

84 D1-6	8" 4 jaw	Weight 46 lbs.	\$ _____
104 D1-6	10" 4 jaw	Weight 65 lbs.	\$ _____
124 D1-6	12" 4 jaw	Weight 120 lbs.	\$ _____

## COLLET CHUCKS, Hand Lever, Sjogren

Lever operated collet chuck is mounted on the spindle nose and can be operated without stopping the lathe spindle. Draw in error limited to .010". Positive lock of the closing collar holds work firmly in position while in operation. Collet chuck includes splash guard.

No.	Capacity	Type Collet	Lathes	Weight	
A-2278	1-1/16"	5C	R-15, VR-15	42 lbs.	\$ _____
A-2278-17	1-1/16"	5C	R-17, VR-17	42 lbs.	\$ _____
A-2276	1-3/4"	3J	R-15, VR-15	42 lbs.	\$ _____
A-2275-17	1-3/4"	3J	R-17, VR-17	42 lbs.	\$ _____

## PLATES, Face, Large

Large face plate can be used for supporting and revolving flat stock or jigs and fixtures for miscellaneous machining operations. Plates have ribbed, reinforced back. They have slots for clamping work and fixtures and are accurately fitted for lathe spindle nose.

50020	15" Diameter face plate	Weight 35 lbs.	\$ _____
-------	-------------------------	----------------	----------

## CHUCK PLATES

Chuck Plates are fitted for the spindle nose of your Sheldon lathe, and are used as a fixture plate or to convert other chucks for use on the lathe. Plates must be finish turned, drilled and tapped for mounting your particular chuck.

C-263	8-7/8" diameter	Weight	\$ _____
C-253	7-3/8" diameter	Weight	\$ _____

## COLLET CHUCKS, Jacobs

This spindle nose collet chuck covers complete range from 1/16" to 1-3/8" with only 11 collets since each collet has a 1/8" range. Equalized pressure rigidly holds work. All around grip prevents marring or distortion. Chucks are completely fitted to lathe. Price does not include J900 collets. See Page 22 for collets.

A-2270	Collet Chuck	Weight 17 lbs.	\$ _____
--------	--------------	----------------	----------

## COLLET CHUCKS, Hand Wheel, Sjogren

Spindle nose collet chuck, hand wheel type, for use with 5C, or 3J, or 22J Collets. Quick turn of hand wheel automatically opens or closes collet. Chucks are completely fitted for lathe, have plain nose.

No.	Capacity	Type Collet	Weight	
A-2271	1-1/16"	5C	17 lbs.	\$ _____
A-2273	1-3/4"	3J	24 lbs.	\$ _____
A-2274	2-1/4"	22J	29 lbs.	\$ _____





**3 JAW AJUST-TRU**



**6 JAW AJUST-TRU**



**4 JAW INDEPENDENT**



**COLLET CHUCKS (HAND LEVER)**



**LARGE FACE PLATE**



**CHUCK PLATE**



**DOG PLATE**



**COLLET CHUCK A**



**COLLET CHUCK B**



**COLLET CHUCKS (HAND WHEEL)**



**COLLET ATTACHMENT (HAND LEVER)**



**COLLET CHUCK SJOGREN**

**CHUCKS, 3 Jaw Ajust-Tru, Completely Fitted, includes 3 Master and 3 Top Jaws**

These are precision scroll operated chucks that can be adjusted to guarantee .0005" chucking of duplicate parts. The front section of the chuck holds the workpiece in the same manner as other conventional scroll operated chucks. Four adjusting screws in the rear section, however, permit moving of the complete chuck body to dead center.

63 LOO	6" 3 jaw	Weight 33 lbs.	\$ _____
83 LOO	8" 3 jaw	Weight 57 lbs.	\$ _____
103 LOO	10" 3 jaw	Weight 83 lbs.	\$ _____

**CHUCKS, 6 Jaw, Ajust-Tru, Completely Fitted, includes inside and outside jaws**

Work can be centered easier and quicker with six opposing jaws. Soft metals and tubes can be gripped with less pressure, less distortion. Work is held firmer - permits precision machining farther from spindle. Lessens need for collets and handles work of odd or metric sizes.

66 LOO	6" 6 jaw	Weight 34 lbs.	\$ _____
86 LOO	8" 6 jaw	Weight 63 lbs.	\$ _____
106 LOO	10" 6 jaw	Weight 86 lbs.	\$ _____

**CHUCKS, 4 Jaw, Completely Fitted,**

The jaws are set independently for round or irregular work, either concentric or eccentric with lathe spindle. Solid reversible jaws.

64 LOO	6" 4 jaw	Weight 22 lbs.	\$ _____
84 LOO	8" 4 jaw	Weight 46 lbs.	\$ _____
104 LOO	10" 4 jaw	Weight 65 lbs.	\$ _____

**COLLET CHUCKS, Hand Lever, Sjogren**

Lever operated collet chuck is mounted on the spindle nose and can be operated without stopping the lathe spindle. Positive lock of the closing collar holds work firmly in position while in operation. Collet chuck includes splash guard.

No.	Capacity	Type Collet	Lathes	Weight	
A-2236XL	1-1/6"	5C	XL	22 lbs.	\$ _____
A-2236SM	1-1/16"	5C	S, M	22 lbs.	\$ _____
A-2237XL	1-3/8"	2J	XL	22 lbs.	\$ _____
A-2237SM	1-3/8"	2J	S, M	22 lbs.	\$ _____

**PLATES, Face, Large**

Large face plate can be used for supporting and revolving flat stock or jigs and fixtures for miscellaneous machining operations. Plates have ribbed, reinforced back. They have slots for clamping work and fixtures and are accurately fitted for lathe spindle nose.

L-1798	9" diameter	XL Lathes	Weight 13 lbs.	\$ _____
K-1837	11" diameter	S Lathes	Weight 14 lbs.	\$ _____
M-1837	12" diameter	M Lathes	Weight 15 lbs.	\$ _____

**CHUCK PLATES** - Chuck Plates are fitted for the spindle nose of your Sheldon lathe, and are used as a fixture plate to convert other chucks for use on the lathe. Plates must be finish turned, drilled and tapped for mounting your particular chuck.

118065	6-3/16" diameter	Weight 8 lbs.	\$ _____
118085	8-1/4" diameter	Weight 10 lbs.	\$ _____

**DOG PLATES** Small face plate designed to drive lathe dog when supporting work between centers. Has two driving slots and two clamping slots. Accurately machined to fit lathe spindle nose. Standard equipment on new lathes.

L-1799	6" diameter dog plate	Weight 5 lbs.	\$ _____
--------	-----------------------	---------------	----------

**COLLET CHUCKS, Jacobs A**

This spindle nose collet chuck covers complete range from 1/16" to 1-3/8" with only 11 collets since each collet has a 1/8" range. Equalized pressure rigidly holds work. All around grip prevents marring or distortion. Chucks are completely fitted to lathe. Price does not include J900 collets. See page 22 for collets.

H-8196	Collet Chuck	Weight 15 lbs.	\$ _____
--------	--------------	----------------	----------

**COLLET CHUCKS, Jacobs B**

The new JACOBS spindle nose collet chuck covers a range of 3/32" to 1-1/16" with only 10 collets. Each collet style J500 has a range of .100". Equalized pressure rigidly holds work while all grip prevents marring or distortion even of tubing and other fragile materials. Chucks are completely fitted to lathe. See page 22 for J500 collets.

A-2242-LOO	Collet Chuck	Weight 10 lbs.	\$ _____
------------	--------------	----------------	----------

**COLLET ATTACHMENT, Hand Wheel**

Standard hand wheel collet attachment for precision draw-in collet work to be fed through hollow draw bar in spindle. Attachment includes hollow draw bar with hand wheel, hardened and ground collet adaptor sleeve, and spanner wrench.

No.	Capacity	Type Collets	Lathes	Weight	
A-2098	1-1/16"	5C	XL	10 lbs.	\$ _____
A-2101	1-1/16"	5C	S, M	10 lbs.	\$ _____

**COLLET ATTACHMENT, Hand Lever**

Precision ball bearing hand lever collet attachment, with rigid supporting bracket, effortless release and closing adjustable tension, with hardened parts of new and improved design. Attachment includes hollow draw bar with hand lever, hardened and ground collet adaptor sleeve, spindle nose cap and spanner wrench.

No.	Capacity	Type Collets	Lathes	Weight	
2461 LOO	1-1/16"	5C	XL	20 lbs.	\$ _____
2462 LOO	1-1/16"	5C	S, M	20 lbs.	\$ _____

**COLLET CHUCKS, Hand Wheel, Sjogren**

Spindle nose collet chuck, hand wheel type, for use with 5C, or 2J, Collets. Quick turn of hand wheel automatically opens or closes collet. Chucks are completely fitted for lathe, have plain nose.

No.	Capacity	Type Collets	Lathes	Weight	
H-8161	1-1/16"	5C	XL, S, M	26 lbs.	\$ _____
H-8167	1-3/8"	2J	XL, S, M	28 lbs.	\$ _____

# COLLETS



## HARDINGE COLLETS

A complete range of collets is available individually or in sets. Both the outside and inside of all collets are hardened and ground for long life accuracy. The most common used sizes are listed below. Special fractional or decimal equivalent sizes are available on request.

### 5C COLLETS HARDINGE

5CR	Round	1/8 to 1-1/16 by 64ths	1/2 lbs.	\$ _____
5CRX	Round	1/16, 5/64, 3/32, 7/64	1/2 lbs.	\$ _____
5CRXX	Round	1/64 - 1/32 - 3/64	1/2 lbs.	\$ _____
5CH	Hexagon	1/4 to 7/8 by 16ths	1/2 lbs.	\$ _____
5CHX	Hexagon	1/8, 3/16	1/2 lbs.	\$ _____
5CS	Square	1/4 to 3/4 by 16ths	1/2 lbs.	\$ _____
5CSX	Square	1/8", 3/16"	1/2 lbs.	\$ _____

### 5C COLLETS IN SETS HARDINGE

5CR8	Round	Set of 8-1/8 to 1" by 8ths	5 lbs.	\$ _____
5CR16	Round	Set of 16-1/16 to 1" by 16ths	10 lbs.	\$ _____
5CR31	Round	Set of 31-1/16 to 1" by 32nds	20 lbs.	\$ _____
5CR61	Round	Set of 61-1/16 to 1" by 64ths	35 lbs.	\$ _____

### 2J COLLETS HARDINGE

2JR	Round	1/8 to 1-3/8 by 64ths	1 lb.	\$ _____
2JH	Hexagon	1/4 to 1-3/16 by 16ths	1 lb.	\$ _____
2JHX	Hexagon	1/4 to 1-3/16 in 32nds & 64th size	1 lb.	\$ _____
2JS	Square	1/4 to 1" by 16ths	1 lb.	\$ _____
2JSX	Square	1/4 to 1" in 32nds & 64th sizes	1 lb.	\$ _____

### 2J COLLETS IN SETS HARDINGE

2JR11	Round	Set of 11-1/8 to 1-3/8 by 8ths	10 lbs.	\$ _____
2JR21	Round	Set of 21-1/8 to 1-3/8 by 16ths	20 lbs.	\$ _____

### 3J COLLETS

3JR	Round	1/8 to 1-3/4" by 16ths	2 lbs.	\$ _____
3JH	Hexagon	1/4 to 1-1/2 by 16ths	2 lbs.	\$ _____
3JS	Square	1/4 to 1-7/32 by 16ths	2 lbs.	\$ _____

### 22J COLLETS

22JR	Round	1/8 to 2-1/4" by 16ths	1 lb.	\$ _____
------	-------	------------------------	-------	----------

## EMERGENCY COLLETS

Collets have soft face and pilot hole to permit rapid boring and stepping out when odd sized or special shaped collets are required rapidly. Body is heat-treated and finished ground, and is spring tempered for quick work release.



Stock No.	Type Collet	Pilot Hole	Weight	Price
5C-E	5C	1/4"	1/2 lbs.	\$ _____
5CE-1	5C	1/16th	1/2 lbs.	\$ _____
5CE-2	5C	1/8"	1/2 lbs.	\$ _____
2JE	2J	1/4"	1 lb.	\$ _____
3JE	3J	1/4"	2 lbs.	\$ _____



## JACOBS RUBBERFLEX COLLETS

J900	Round	Set of 11- 1/16 to 1-3/8	4-1/4 lbs.	\$ _____
	Round	Any one of the 11 sizes	6 ozs.	\$ _____
J500	Round	Set of 10- 3/32 to 1-1/16	3-3/4 lbs.	\$ _____

## TOOLPOST TURRETS

### "SUPER PRECISION" QUICK CHANGE TOOL POST



This quick change tool post fits on the compound and uses the four tool holders illustrated. It is sturdily constructed and simple to operate. All working surfaces are hardened and precision ground. Tool holder is completely sealed and can be locked at any angle by a lock nut. Instant changing from one operation to another is quickly done by rotating handle, sliding out tool holder and sliding in next in exact pre-set position. Repetitive accuracy guaranteed to .0001".

Stock No.	Figure	Lathes	Weight	Price
AA-1963-L	1	XL	12 lbs.	\$ _____
AA-1963-S	1	S	12 lbs.	\$ _____
AA-1963-M	1	M	12 lbs.	\$ _____
AAA-1965	1	R13	17 lbs.	\$ _____
AAA-1966	1	R15 & R17	22 lbs.	\$ _____

Tools for AA-1963-L and AA-1963-S:

AA-1991	2	Turning and Facing	3/16 to 1/2"	\$ _____
AA-1992	3	Boring, Turning and Facing	3/16 to 1/2"	\$ _____
AA-1995	4	Morse Taper for Drilling (#3 M.T.)		\$ _____
AA-1994	5	For "T" Cut Parting Blade	1/2"	\$ _____

Tools for AA-1963-M:

AA-1964	2	Turning and Facing	1/4" to 5/8"	\$ _____
AA-1965	3	Boring, Turning and Facing	1/4 to 5/8"	\$ _____
AA-1966	4	Morse Taper for Drilling (#3 M.T.)		\$ _____
AA-1967	5	For "T" Cut Parting Blade	5/8 to 11/16"	\$ _____

Tools for AAA-1965

AAA-1970	2	Turning and Facing	1/2 to 3/4"	\$ _____
AAA-1971	3	Boring, Turning & Facing	1/2 to 3/4"	\$ _____
AAA-1972	4	Morse Taper for Drilling (#3 M.T.)		\$ _____
AAA-1973	5	For "T" Cut Parting Blade	5/8 to 3/4"	\$ _____

Tools for AAA-1966

AA-1968	2	Turning and Facing	1/2 to 3/4"	\$ _____
AA-1969	3	Boring, Turning & Facing	1/2 to 3/4"	\$ _____
AA-1970	4	Morse Taper for Drilling (#3 M.T.)		\$ _____
AA-1971	5	For "T" Cut Parting Blade	5/8" to 3/4"	\$ _____

## METRIC TRANSPOSING ATTACHMENT



Metric threads and feeds are obtainable through the use of a metric transposing attachment. This accessory unit consists of a special set of gears to replace the standard end gears or feed train.

Stock No.	M/M Pitch Range	Lathes	Weight	Price
L1671-XL	6.00 M/M to .20 M/M	XL	10 lbs.	\$ _____
L1671-S	6.00 M/M to .20 M/M	S	10 lbs.	\$ _____
L1671-M	6.00 M/M to .20 M/M	M	11 lbs.	\$ _____
50310	7.00 M/M to .20 M/M	R	18 lbs.	\$ _____



### CENTERS, CROTCH

Used in tailstock as "V" block support for drilling round stock. Width of "V" on face 1" x 90° angle; diameter of face, 1-3/4"; overall length 3-7/8".

Stock No.	Morse Taper	Lathes	Weight	Price
K-223	#2 M.T.	XL	1 lb. 6 oz.	\$_____
S-1446	#3 M.T.	S, M, R-13	1 lb. 12 oz.	\$_____



### CENTERS, CUP, SET

For turning armatures on shafts that have no centers. Set provides one live cup center for tailstock and one solid cup center for headstock.

Stock No.	Morse Taper	Lathes	Weight	Price
A-2024	#2 M.T.	XL	2 lbs. 6 oz.	\$_____
A-2025	#3 M.T.	S, M, R-13	3 lbs. 10 oz.	\$_____



### DRILL PAD CENTERS

Used in tailstock as a supporting face for drilling miscellaneous flat stock. Face diameter 4", width 1/2", overall length 3-3/4".

Stock No.	Morse Taper	Lathes	Weight	Price
K-221A	#2 M.T.	XL	2 lbs.	\$_____
S-1447-A	#3 M.T.	S, M, R-13	2-1/2 lbs.	\$_____



### HOLLOW CENTERS

Used to support conical or pointed work, or stock with integral male centers. Drilled and countersunk with standard center drill.

Stock No.	Morse Taper	Lathes	Weight	Price
K-274	#2 M.T.	XL	1/2 lb.	\$_____
S-1450	#3 M.T.	S, M, R-13	1/2 lb.	\$_____



### HALF CENTERS

Standard 60° center partially cut away as illustrated for use in tailstock spindle for facing and squaring ends of shafts supported between centers.

Stock No.	Morse Taper	Lathes	Weight	Price
S-82	#2 M.T.	XL	1 lb.	\$_____
S-1449	#3 M.T.	S, M, R-13	1 lb.	\$_____



### 60° CENTERS

Standard 60° center for supporting stock between the headstock and tailstock. Centers are steel, hardened and ground. Standard equipment on new lathes.

Stock No.	Morse Taper	Lathes	Weight	Price
K-42	#2 M.T.	XL	1/2 lb.	\$_____
S-1448	#3 M.T.	S, M, R-13	14 ozs.	\$_____
50034	#4 M.T.	R-15 - 17	1 lb.	\$_____



### HEADSTOCK CENTER SLEEVE

This adaptor fits the taper bore of the headstock spindle to reduce the Morse Taper to fit standard spindle accessories. Sleeve is precision ground. Standard equipment on new lathes.

Stock No.	Reduction	Lathes	Weight	Price
KB-465	#5-#2 M.T.	XL	1 lb. 10 oz.	\$_____
1529	#5-#3 M.T.	S, M, R-13	1 lb.	\$_____
50033	#6-#4 M.T.	R-15 - 17	2-1/2 lb.	\$_____

## CENTERS



### LIVE CENTERS

Spring loaded live centers that maintain constant tailstock thrust, reduce overhang for greater rigidity and increase working range. Saves operating time and cost of replacing and reconditioning worn out solid centers. Although small in size, extensive testing has proved this live center superior in ease of handling, trouble free operation and work-load capacity.

Stock No.	Morse Taper	Lathes	Weight	Price
A-1908	#2 M.T.	XL	12 oz.	\$_____
A-2007	#3 M.T.	S, M, R-13	1 lb. 6 oz.	\$_____
AA-2066	#4 M.T.	R-15 - 17	2 lbs.	\$_____



### LIGHT DUTY LIVE CENTER

A less expensive center using ball bearing construction. Ideal for general purpose work.

Stock No.	Morse Taper	Lathes	Weight	Price
A-2071	#2 M.T.	XL	1 lb. 8 oz.	\$_____



### PIPE CENTERS

Pipe center has 1/2" to 3" capacity, 6-3/4" overall length. Used in tailstock spindle for supporting pipe and tubing in general turning operations.

Stock No.	Morse Taper	Lathes	Weight	Price
K-280-2	#2 M.T.	L, XL	3 lbs.	\$_____
K-280-3	#3 M.T.	S, M, R-13	3 lbs.	\$_____



### DRILL CHUCKS, 3-JAW

Used in tailstock spindle for general drilling. Furnished complete with key and arbor.

Stock No.	Morse Taper	Capacity	Lathes	Weight	Price
34	#2 M.T.	0-1/2"	XL	2-1/2 lbs.	\$_____
34-C	#3 M.T.	0-1/2"	S, M, R-13	3 lbs.	\$_____
36	#2 M.T.	3/16-3/4"	XL	4 lbs.	\$_____
36-C	#3 M.T.	3/16-3/4"	S, M, R-13	4 lbs.	\$_____
20-N	#3 M.T.	3/8-1"	R-13	9 lbs. 2 oz.	\$_____
34-D	#4 M.T.	0-1/2"	R-15-17	4 lbs.	\$_____
36-D	#4 M.T.	3/16-3/4"	R-15-17	5 lbs.	\$_____
20-D	#4 M.T.	3/8-1"	R-15-17	10 lbs.	\$_____



### CENTER REST CHUCK

Mounted in the tailstock spindle to permit turning round work without the use of a center support. Has adjustable bronze jaws that can be locked in position to provide a steady bearing support. Complete with arbor. Capacity 1/4" - 3/4".

Stock No.	Morse Taper	Lathes	Weight	Price
100	#2 M.T.	XL	2-1/2 lbs.	\$_____
100-C	#3 M.T.	S, M, R-13	3-1/2 lbs.	\$_____
100-D	#4 M.T.	R-15 - 17	4 lbs.	\$_____



### LIVE CENTERS, TOOLMAKER'S SET

Set includes an anti-friction ball bearing live center with six interchangeable points to support a wide variety of work. Packed in a wooden case for protective storage.

Stock No.	Morse Taper	Lathes	Weight	Price
A-2085-2	#2 M.T.	XL	6-1/2 lbs.	\$_____
A-2085-3	#3 M.T.	S, M, R-13	8-3/4 lbs.	\$_____
A-2085-4	#4 M.T.	R-15 - 17	14 lbs.	\$_____

## STOPS & RESTS



### THREAD CUTTING STOPS

The thread cutting stop is mounted on the carriage to regulate depth of cut for turning or cutting screw threads. Lathes have pre-drilled hole in cross-slide and carriage to accommodate stop. Thread cutting stops for R lathes

(not illustrated) require factory installation at time lathe is built and assembled.

Stock No.	Lathes	Weight	Price
LKM-5	XL, S, M	1 lb.	\$ _____
41600	R13 VR13	1 lb.	\$ _____
31615	R15 VR15	1 lb.	\$ _____
61620	R17 VR17	1 lb.	\$ _____



### PLAIN MULTIPLE CARRIAGE STOP

This is a four position carriage stop that can be mounted anywhere on the lathe bed. Each of the finger type stops can be set for a different tool position and snapped into place to locate the carriage on four successive cuts.

Stock No.	Lathes	Weight	Price
A2333	S, M	6½ lbs.	\$ _____



### MICROMETER CARRIAGE STOP

A precision stop with micrometer screw adjustment that clamps at any point on the front V way of the bed. Has 3/4" screw travel either to the right or the left.

Stock No.	Lathes	Weight	Price
ASL-1825-1	XL, S, M	2 lbs.	\$ _____



### MICROMETER CARRIAGE STOP

Stop is positionable along the bed and is positively locked in place by the bed rack. Its satin chrome micrometer dial is graduated in thousandths and there is a 4" travel to the stop rod. For R lathes only.

Standard equipment on new lathes.  
41690 Weight 8 lbs. . . . . \$ \_\_\_\_\_



### VERTICAL TURRET STOP

This stop is positionable along bed and is positively locked in place into bed rack. It has 6 stations each with a 1" travel that provides an overall range from 0 to 6". For R lathes only.

41650 Weight 10 lbs. . . . . \$ \_\_\_\_\_



### FOLLOWER RESTS

The follower rest is attached to and moves with the lathe carriage to support long, flexible, and slender shafts for increased accuracy. The plain type follower rest with machined adjustable jaws that can be set and locked in place for any diameter bar stock from 3/16" to 3-1/2".

Stock No.	Lathes	Weight	Price
AS-L-1684	XL	6 lbs.	\$ _____
AS-K-1685	S	6 lbs.	\$ _____
AS-M-1686	M	6 lbs.	\$ _____



### STEADY RESTS

The steady rest is for supporting long bars or tubing and can be mounted any place on the bed ways. The plain type steady rest has three quickly adjustable machined jaws that can be set and locked in place for any diameter bar stock within its capacity. Have hinged tops to facilitate quick insertion and removal of stock.

Stock No.	Capacity	Lathes	Wt.	Price
AS-L-575-1	3/16" to 3-1/2"	XL	11	\$ _____
AS-XK-575-1	3/16" to 3-1/2"	S	12	\$ _____
AS-M-575-1	3/16" to 3-1/2"	M	13	\$ _____



### COOLANT SYSTEMS

Basic coolant system consists of a 10 gallon tank and pump mounted on casters. Pump motor is 1/8 h.p., totally enclosed for operation on 110 volts. Equipped with on-off switch and 6' oil resistant cord and two-prong plug.

A-2079-1 Coolant system, weight 45 lbs. . . . . \$ \_\_\_\_\_

Coolant system to meet NMTBA standards and for use only with NMTBA magnetic controls also has a 10 gallon tank, 1/8-h.p., totally enclosed, 110 volt motor, but is integrally wired through main control transformer. Wiring is with flexible, seal tight, conduit with oil tight fittings and on-off operation is through oil-tight selector on headstock control panel.

A-2351 Coolant system, weight 50 lbs. . . . . \$ \_\_\_\_\_

### PAINTING SPECIAL COLORS

All Sheldon machine tools are painted in light machine tool grey. This is a special formulated machine tool paint with an alkylated rubber base to withstand chipping as well as discoloration or peeling from a wide variety of coolant fluids. Other colors of paints that are compatible can be painted on request at an additional charge. Customer to supply his own paint in quantity required except for Vista Green and Ivory.

1st Color, extra cost . . . . . \$ \_\_\_\_\_  
2nd Color, extra cost . . . . . \$ \_\_\_\_\_

Enamel Paint is available as follows for those shops who would like to refinish old machines or standardize on Sheldon colors.

Stock No.	Quantity	Color	Weight	Price
A-2105-P	Pint	Light Grey	1-1/2 lbs.	\$ _____
A-2105-Q	Quart	Light Grey	3 lbs.	\$ _____
A-2105-G	Gallon	Light Grey	10 lbs.	\$ _____
A-2106-P	Pint	Vista Green	1-1/2 lbs.	\$ _____
A-2106-Q	Quart	Vista Green	3 lbs.	\$ _____
A-2106-G	Gallon	Vista Green	10 lbs.	\$ _____
A-2107-P	Pint	Dynamic Cream	1-1/2 lbs.	\$ _____
A-2107-Q	Quart	Dynamic Cream	3 lbs.	\$ _____
A-2107-G	Gallon	Dynamic Cream	10 lbs.	\$ _____