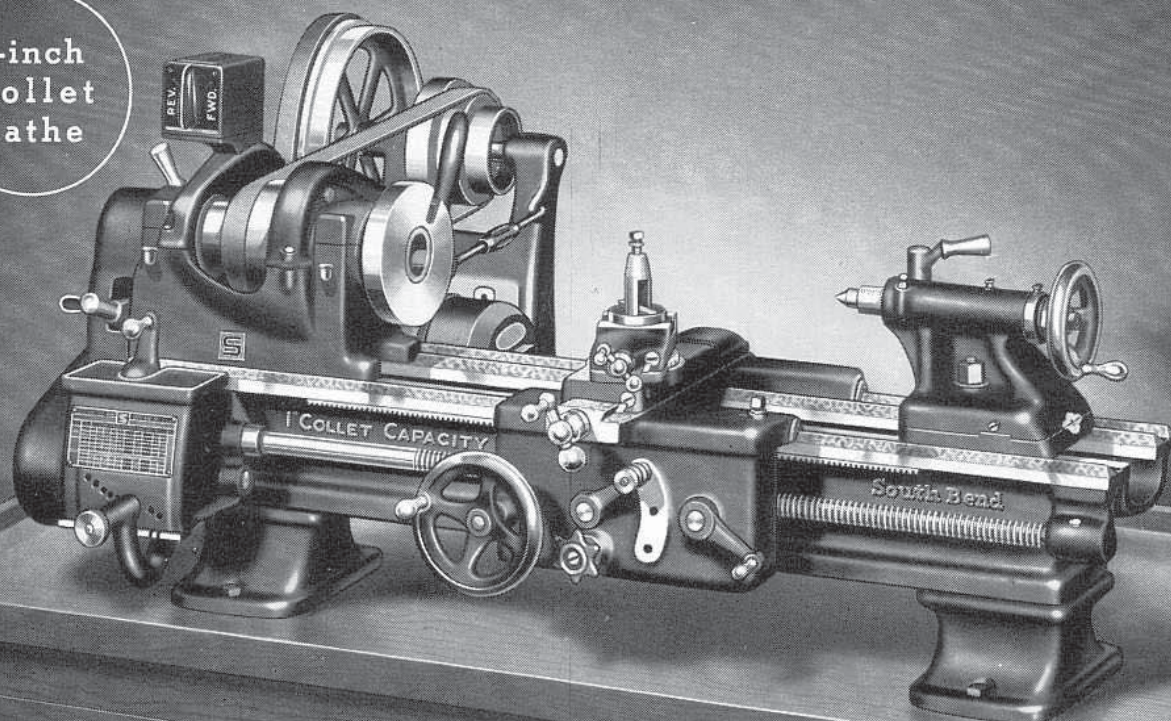


1-inch  
Collet  
Lathe



## 10"-1" Collet Horizontal Motor Drive Precision Bench Lathe

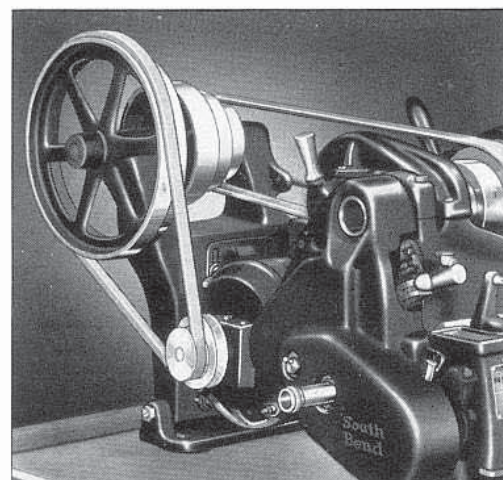
Series "S"—Quick Change Gear—Back-Geared—Belt Drive to Spindle

The 10-inch Swing 1" Collet Capacity Quick Change Gear Bench Lathe with horizontal motor drive is very attractively priced. The quick change gear box provides a wide range of right and left hand screw threads and power carriage feeds. See page 48 for specifications of this lathe.

A Special Headstock, with  $1\frac{3}{8}$ " hole through the spindle and 1" capacity through collet, makes this lathe especially practical for tool room and production operations on parts made of bar stock or tubing. Spindle speeds, 50 to 1357 R.P.M. are provided by two-speed motor drive pulleys.

Improved Features of lathe include: alloy steel headstock spindle, carburized, hardened, ground, and superfinished; integral headstock bearings; ball thrust bearing; double wall apron with all gears of steel, and multiple disc friction clutch; micrometer graduated collars; quick change gear box for threads and feeds; and semi-steel lathe bed.

Regular Equipment included in price of lathe consists of:  $\frac{3}{4}$  H.P. instant reversing motor; reversing switch; wiring; V-belt; leather belt; large and small face plates; tool post; thread cutting stop; centers for headstock and tailstock spindles; spindle sleeve; wrenches; quick change gear box; installation plan; and book "How to Run a Lathe." Bench is not included. Blue print for making bench supplied on request, see pg. 99.



(Patented)  
End View of Lathe Showing Adjustable  
Horizontal Motor Drive

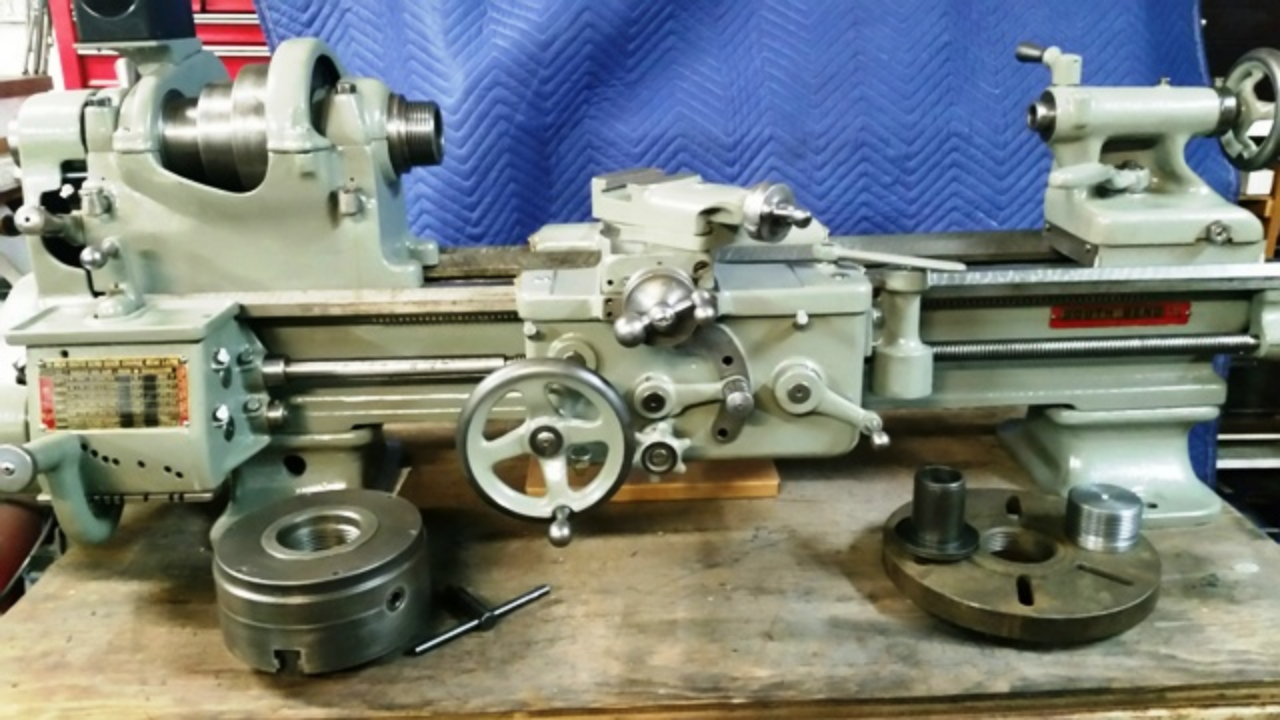
### 10-inch 1" Collet Horizontal Motor Driven Bench Lathes Quick Change Gear—less Bench

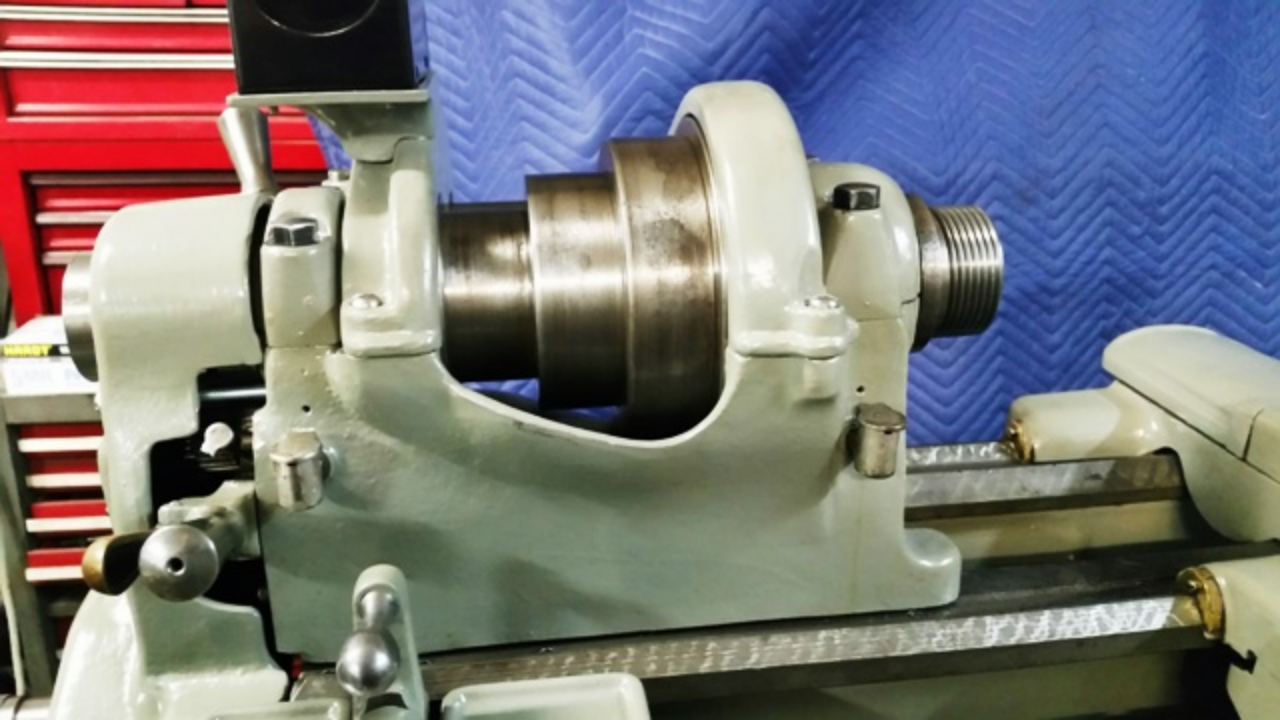
Bed Lengths	3-ft.	3½-ft.	4-ft.	4½-ft.
Distance Between Centers....	15¾-in.	20¾-in.	26¾-in.	33¾-in.
Catalog Number.....	487-Y	487-Z	487-A	487-R
Shipping Weight, Crated.....	521 lbs.	546 lbs.	571 lbs.	596 lbs.
Code Word.....	Dunac	Duneg	Duzem	Duzow

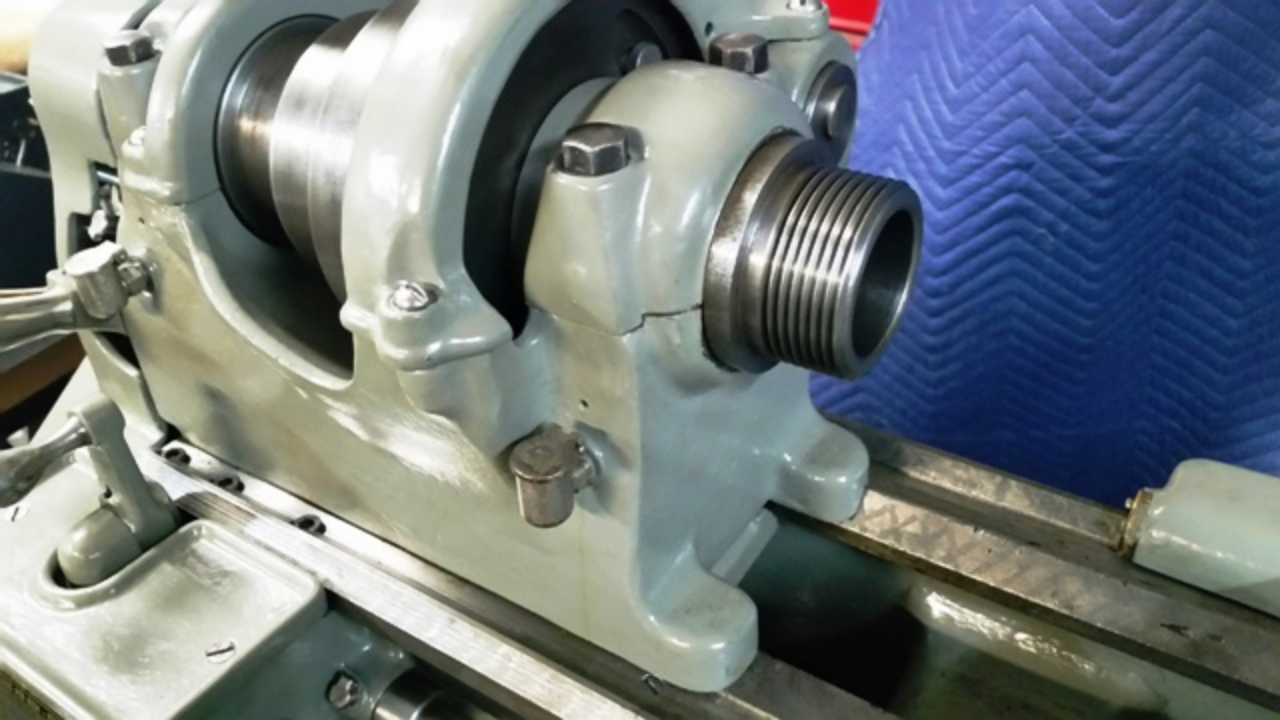
This Lathe is also supplied in the Standard Change Gear type.

SOUTH BEND LATHE WORKS









SWING OF LATHE 14.0  
LENGTH OF BED 9.0  
CATALOG NO. 1072  
SOUTH BEND LATHE WORKS, U.S.A.

DO NOT SLIDE THIS BEARING  
WHILE LATHE IS RUNNING



# 10 INCH SOUTH BEND QUICK-CHANGE GEAR LATHE

PLACING LEVER		THREADS PER INCH - FEEDS IN THIRDS									
IN	LEFT	4	5	6	7	8	9	10	11	12	13
	CENTER	14	15	16	17	18	19	20	21	22	23
	RIGHT	24	25	26	27	28	29	30	31	32	33
OUT	LEFT	34	35	36	37	38	39	40	41	42	43
	CENTER	44	45	46	47	48	49	50	51	52	53
	RIGHT	54	55	56	57	58	59	60	61	62	63

2 1/2" TAPERED TAIL STOCK



