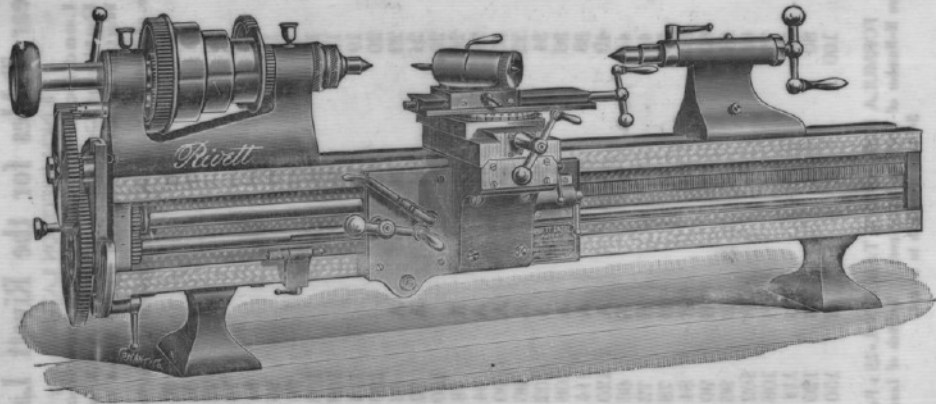


RIVETT LATHES



GEAR TABLES ON BACK

RIVETT LATHE MANUFACTURING CO. BOSTON

SPORN & BIGELOW, ST. PAUL.

Gear Tables for the Rivett Lathes

8 INCH PRECISION LATHE.

Lead Screw, 8 Threads per inch.

Ratio of Compound gear A--2 to 1

Ratio of Compound gear B--4 to 1

No. of Thrs.	Stud.	Compound.	Screw.
10	24		60
11	24		66
12	24		72
13	24		78
14	24		84
15	24		90
16	24		96
17	24		102
18	24		108
19	24		114
20	24		120
22	24	A	66
24	24	A	72
25	24		150
26	24	A	78
28	24	A	84
30	24	A	90
32	24	A	96
34	24	A	102
36	24	A	108
38	24	A	114
40	24	A	120
44	24	B	66
48	24	B	72
52	24	B	78
56	24	B	84
60	24	B	90
64	24	B	96
68	24	B	102
72	24	B	108
76	24	B	114
80	24	B	120
100	24	B	150

FORMULA FOR ABOVE TABLE $N \times L = 2S \times P_c$

Where N=Number of Teeth on Screw-gear, L=Pitch of Lead-screw,
S=Stud, P_c =Pitch to be cut.