PARTS LIST FOR

SERIES ATLAS LATHES

FOR ATLAS TINKEN BEARING LATHES:
WITH HORIZONTAL COUNTERSHAFT—Cat. Nos.: TH36, TH42, TH48, TH54
WITH VERTICAL COUNTERSHAFT—Cat. Nos.: TV36, TV42, TV48, TV54

FOR ATLAS BABBITT BEARING LATHES:
WITH HORIZONTAL COUNTERSHAFT—Cat. Nos.: H36, H42, H48, H54
WITH VERTICAL COUNTERSHAFT—Cat. Nos.: V36, V42, V48, V54

FOR ATLAS QUICK-CHANGE LATHES:
Cat. Nos.: QC42 and QC54

PRESS CO. · Kalamazoo, Mich., U.S.A. 49001

SINCE 1911, MANUFACTURERS OF PRECISION MACHINE TOOLS

PRINTED IN U.S.A.
IMPORTANT: The following information must be furnished on all repair part orders.

1. Quantity Required
2. PART NUMBER and Name of Part
3. Model and Serial Number of Lathe

Be sure to give MODEL and SERIAL number shown on plate, located at tailstock end of lathe bed.

NOTE: On Lathes without this plate, MODEL and SERIAL Number is found on top of FRONT BED-WAY.

Parts shown without part numbers are standard parts and should be purchased locally.

We reserve the right to make changes in design and specifications without notice.

INDEX
FOR LATHE PARTS AND PRICES

<table>
<thead>
<tr>
<th>Unit Assemblies</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bobbitt Bearing Headstock</td>
<td>4</td>
</tr>
<tr>
<td>Timken Bearing Headstock</td>
<td>5</td>
</tr>
<tr>
<td>Carriage and Compound</td>
<td>6</td>
</tr>
<tr>
<td>Lead Screw and Feed Gears</td>
<td>7</td>
</tr>
<tr>
<td>Countershaft</td>
<td>8</td>
</tr>
<tr>
<td>Tailstock, Bed and Rack</td>
<td>9</td>
</tr>
<tr>
<td>Quick Changes</td>
<td>10 &amp; 11</td>
</tr>
</tbody>
</table>
REPAIR PARTS FOR ATLAS Nos. 1500 and 1570 QUICK-CHANGE ATTACHMENT

NOTE: COMPLETE ATTACHMENT NOT AVAILABLE. PARTS ONLY.
If your lathe has a Quick-Change attachment with this tumbler gear bracket - use this page for ordering parts.

REPAIR PARTS FOR ATLAS No. 6800 QUICK-CHANGE ATTACHMENT

BE SURE TO GIVE MODEL NUMBER ON THIS PLATE. PLATE LOCATED ON GEAR HOUSING.

NOTE: COMPLETE ATTACHMENT NOT AVAILABLE. PARTS ONLY.
### Threading Chart

**INSTRUCTIONS and PARTS**

**ATLAS PRESS COMPANY**

**KALAMAZOO, MICHIGAN 49001**

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**THREADING CHART**

For 10F-series 10° ATLAS LATHEs

With 3/4" diameter lead screw

*DECEMBER, 1966  FILE NO. 10-99A*

#### Threading Screw

<table>
<thead>
<tr>
<th>Major Gear</th>
<th>Major Thread</th>
<th>Lead Screw</th>
<th>Position (A)</th>
<th>Position (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>32</td>
<td>2E</td>
<td>32</td>
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</tr>
<tr>
<td>4.5</td>
<td>36F</td>
<td>32</td>
<td>32</td>
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<td>5</td>
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<td>32</td>
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<tr>
<td>8</td>
<td>62B</td>
<td>32</td>
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</tr>
</tbody>
</table>

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**FEED SCREW**

<table>
<thead>
<tr>
<th>Pitch (in)</th>
<th>Pitch (mm)</th>
<th>K Value</th>
<th>Position</th>
<th>Position</th>
</tr>
</thead>
<tbody>
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<td>32</td>
<td>32</td>
<td>321</td>
</tr>
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<td>32</td>
<td>321</td>
</tr>
<tr>
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<td>32</td>
<td>32</td>
<td>321</td>
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<tr>
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<td>108</td>
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<td>32</td>
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<td>192</td>
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**Key to Thread Chart**

A = 1-1/4" Spindle

B = 1-1/2" Spindle

C = 2" Spindle

D = 2-1/4" Spindle

E = 2-1/2" Spindle

F = Front Position (Away from Headstock)

G = Back Position (Toward Headstock)

H = 1-1/2" Spindle

I = 2" Spindle

J = 2-1/2" Spindle

K = 3" Spindle

L = Major Gear

M = Major Thread

N = Lead Screw

O = Position (A)

P = Position (B)

Q = Position (C)

R = Position (D)

S = Position (E)

T = Position (F)

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**Notes:**

- "K" value indicates K-factor for various machine configurations.
- "Position" columns indicate specific threading positions for each gear combination.
- "Thread Chart" provides a comprehensive guide for precise threading operations on Atlas lathes.