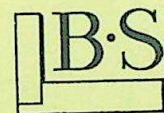


REPAIR PARTS
for
ATTACHMENTS
used on
BROWN & SHARPE
AUTOMATIC SCREW MACHINES
(Including Cutting-Off
and Screw Threading Types)



106 H.S. 90211
11

20217
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19

The parts illustrated in this booklet are for the following attachments

Screw Slotting	Cross Drilling
Burring	Turret Drilling
Nut Tapping	Tap or Die Revolving
Index Drilling	Combination Drilling & Tapping
Rear End Threading	Motor Drives for Cross Drilling and Turret Drilling
Vertical Slide	Double Movement Cross Slide
Longitudinal Turning	Slabbing Holder
Thread Chasing	Outside Feeding
Low Threading Speed	Attachment Driving Stand
Silent Stock Supports	

THE parts are arranged in the illustrations so far as possible in the same relative positions as in the attachments. This is to facilitate stripping and assembling as well as identifying the parts. It should be remembered, however, that some illustrations include repair parts for more than one size of an attachment, and since an attachment may vary in design from one size to another not all parts shown may be found in any one attachment.

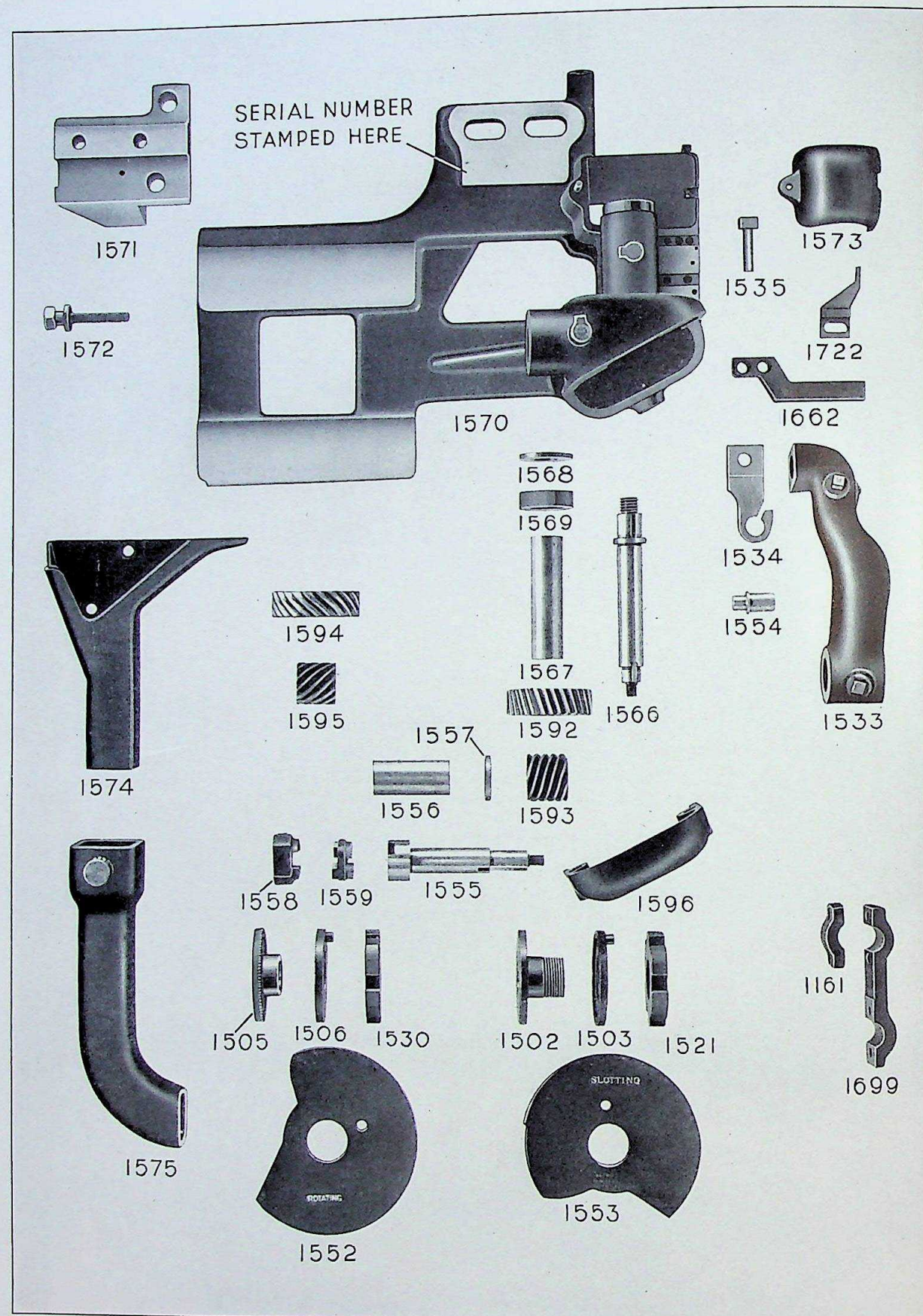
The parts are shown separated to make the construction of the attachments more readily understood and to show each part to the best advantage. In some cases, when a particular part is ordered, not only that part but one or more supplementary parts also may be sent when, from our experience, this is known to be advisable for a more satisfactory repair job.

Repair parts, in some cases, will require fitting and therefore may need holes to be drilled, shoulders to be squared or similar machining in order to make them fit properly.

When ordering repair parts, it is essential that the size, style and serial number (if any) of the attachment be given in addition to the part number and name given in this booklet.

Please keep this booklet in the hands of the individual in your organization who is responsible for the *repair* of these attachments.

BROWN & SHARPE MFG. CO.
PROVIDENCE, R. I., U. S. A.



Screw Slotting Attachment

Motor-Driven Type

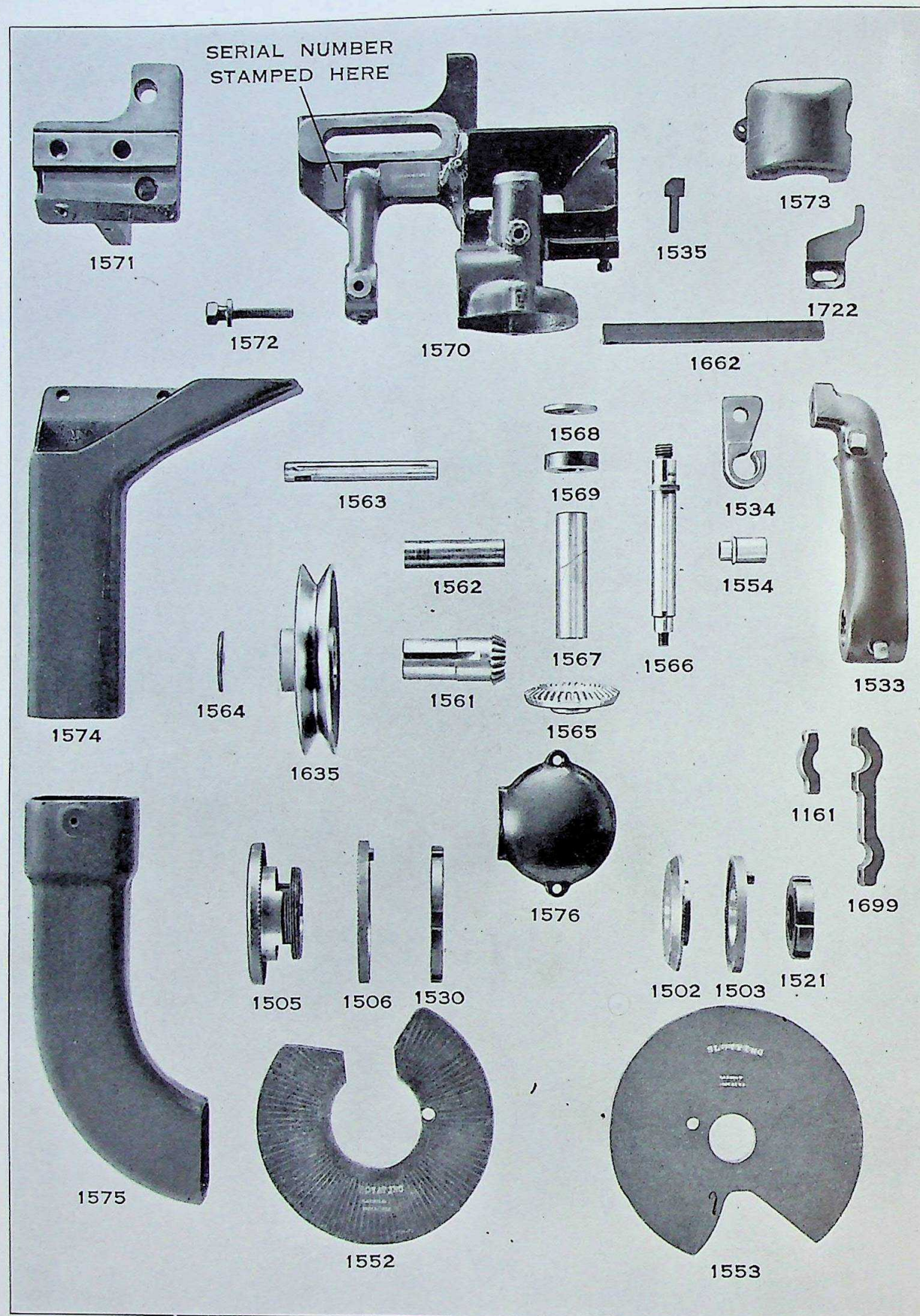
When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Screw Slotting Attachment

Motor-Driven Type

- 1161 Oil Pipe Support Cap
- 1502 Slotting Cam Holder
- 1503 Slotting Cam Driving Disk
- 1505 Rotating Cam Holder
- 1506 Rotating Cam Driving Disk
- 1521 Slotting Cam Shaft Nut
- 1530 Rotating Cam Holder Nut
- 1533 Screw Holder Arm
- 1534 Screw Holder
- 1535 Screw Holder Support
- 1552 Rotating Cam
- 1553 Slotting Cam
- 1554 Slotting Bushing Blank
- 1555 Saw Arbor Driving Shaft
- 1556 Saw Arbor Driving Shaft Bushing
- 1557 Saw Arbor Driving Shaft Washer
- 1558 Motor Shaft Coupling
- 1559 Motor Shaft Intermediate Coupling
- 1566 Saw Arbor
- 1567 Saw Arbor Bushing
- 1568 Saw Arbor Washer (State Thickness)
- 1569 Saw Arbor Collar
- 1570 Saw Slide
- 1571 Saw Slide Bracket
- 1572 Slide Adjusting Screw
- 1573 Spindle Guard
- 1574 Chute
- 1575 Chute Extension
- 1592 Saw Arbor Gear, Driven (Low Speed)
- 1593 Saw Arbor Driving Shaft Gear (Low Speed)
- 1594 Saw Arbor Gear, Driven (High Speed)
- 1595 Saw Arbor Driving Shaft Gear (High Speed)
- 1596 Saw Slide Cover
- 1662 Screw Holder Arm Stop
- 1699 Oil Pipe Attachment Extension
- 1722 Ejector

For Transferring Mechanism parts see pages 20-23.



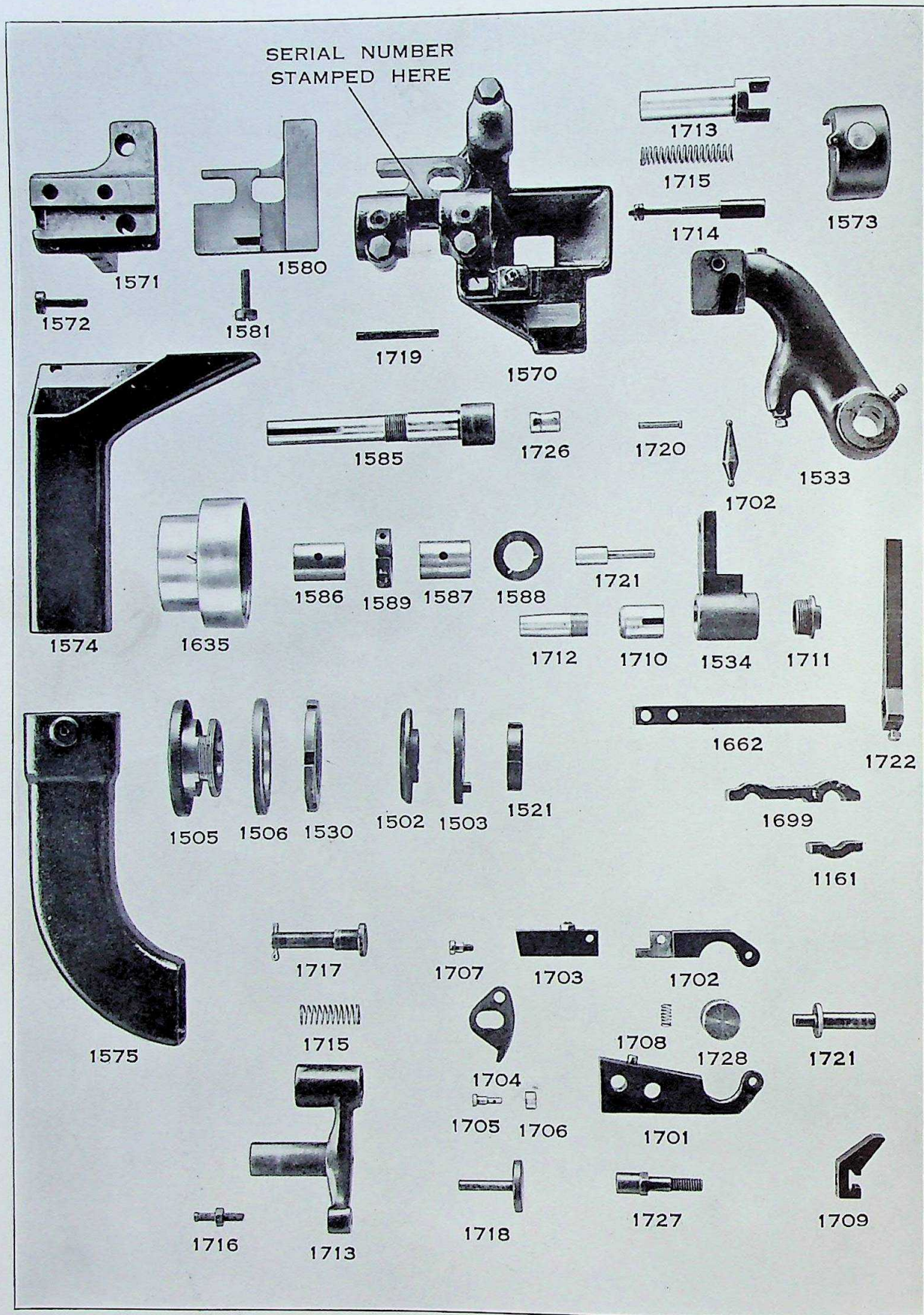
Screw Slotting Attachment
Belt-Driven Type

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Screw Slotting Attachment
Belt-Driven Type

- 1161 Oil Pipe Support Cap
- 1502 Slotting Cam Holder
- 1503 Slotting Cam Driving Disk
- 1505 Rotating Cam Holder
- 1506 Rotating Cam Driving Disk
- 1521 Slotting Cam Shaft Nut
- 1530 Rotating Cam Holder Nut
- 1533 Screw Holder Arm
- 1534 Screw Holder
- 1535 Screw Holder Support
- 1552 Rotating Cam
- 1553 Slotting Cam
- 1554 Slotting Bushing Blank
- 1561 Driving Gear
- 1562 Driving Gear Bushing
- 1563 Driving Gear Stud
- 1564 Driving Gear Washer
- 1565 Saw Arbor Gear
- 1566 Saw Arbor
- 1567 Saw Arbor Bushing
- 1568 Saw Arbor Washer (State Thickness)
- 1569 Saw Arbor Collar
- 1570 Saw Slide
- 1571 Saw Slide Bracket
- 1572 Slide Adjusting Screw
- 1573 Spindle Guard
- 1574 Chute
- 1575 Chute Extension
- 1576 Gear Guard
- 1635 Driving Pulley
- 1662 Screw Holder Arm Stop
- 1699 Oil Pipe Attachment Extension
- 1722 Ejector

For Transferring Mechanism parts see pages 20-23.



Burring Attachments
Motor- and Belt-Driven Types

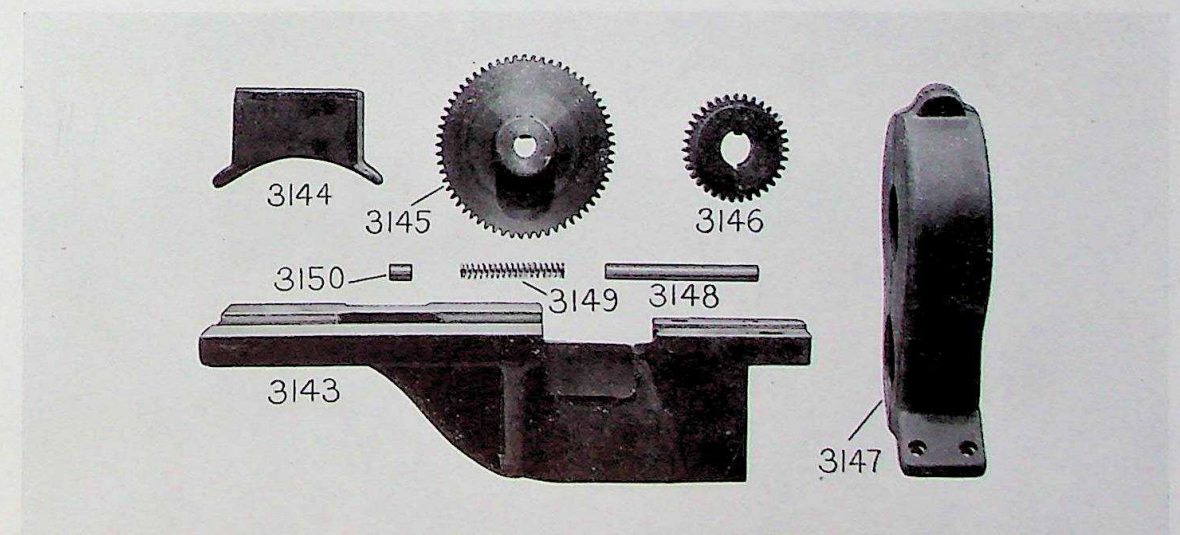
When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

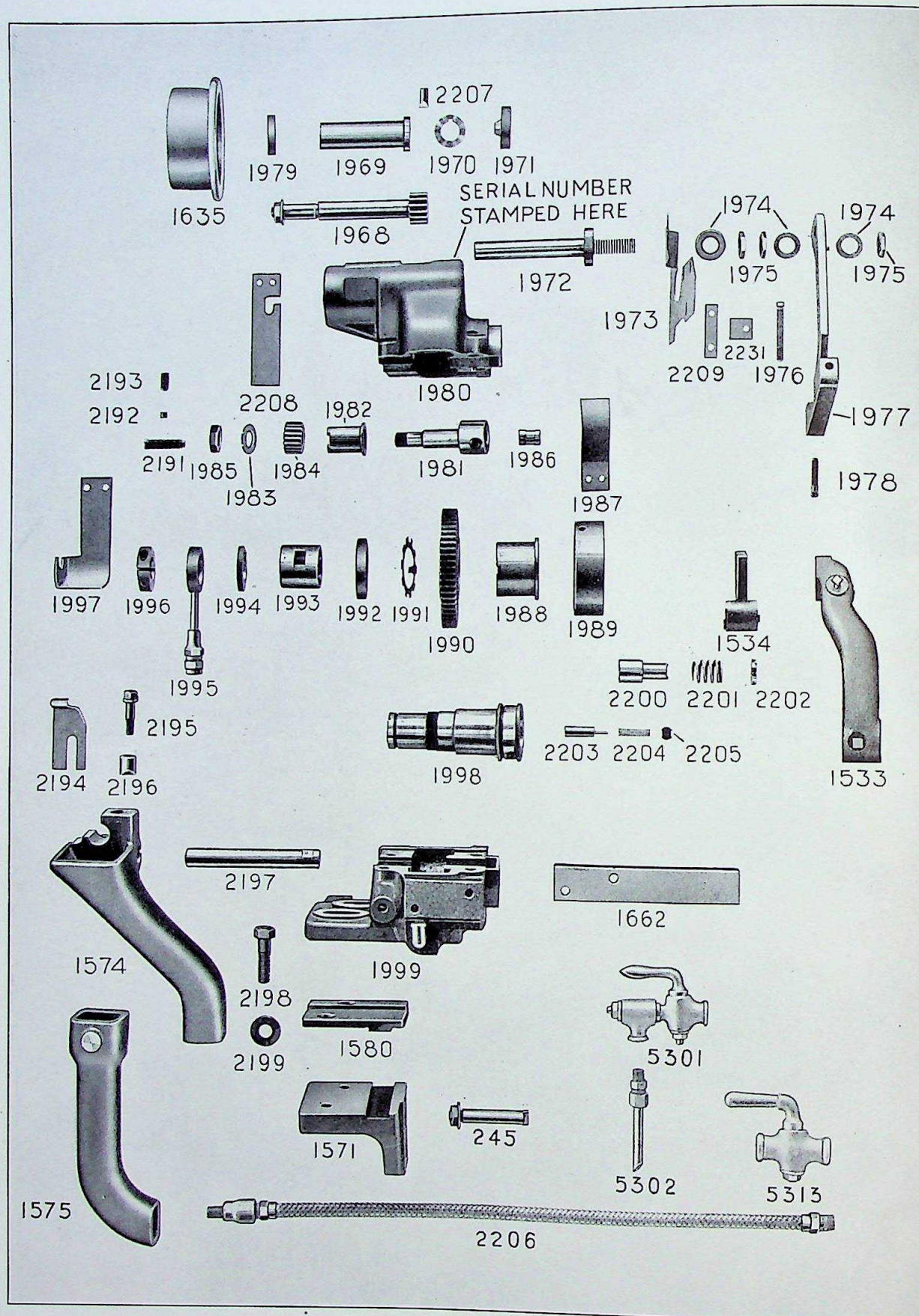
Burring Attachments
Motor- and Belt-Driven Types

1161	Oil Pipe Support Cap	1705	Chuck Closing Cam Pin
1502	Slotting Cam Holder	1706	Chuck Closing Cam Roll
1503	Slotting Cam Driving Disk	1707	Chuck Closing Cam Screw
1505	Rotating Cam Holder	1708	Chuck Body Spring
1506	Rotating Cam Driving Disk	1709	Chuck Opening Piece
1521	Slotting Cam Shaft Nut	1710	Chuck Sleeve
1530	Rotating Cam Holder Nut	1711	Chuck Nut
1533	Work Holder Arm	1712	Chuck Blank
1534	Chuck Holder	1713	Chuck Closing Piece
1570	Spindle Slide	1714	Chuck Closing Plunger
1571	Spindle Slide Bracket	1715	Chuck Closing Piece Spring
1572	Slide Adjusting Screw	1716	Chuck Closing Piece Adjusting Screw
1573	Oil Guard	1717	Work Plunger
1574	Chute	1718	Work Holder Guide
1575	Chute Extension	1719	Chuck Opening Pin
1580	Adjusting Plate	1720	Chuck Lever Pin
1581	Adjusting Plate Screw	1721	Ejector Plunger
1585	Spindle	1722	Ejector
1586	Spindle Bushing, Left	1726	Tool Clamp Blank
1587	Spindle Bushing, Right	1727	Work Holder Guide Screw
1588	Spindle Thrust Washer	1728	Work Holder Blank
1589	Spindle Adjusting Nut	3143	Motor Bracket
1635	Driving Pulley	3144	Conduit Box
1662	Work Holder Arm Stop	3145	Driving Gear
1699	Oil Pipe Attachment Extension	3146	Spindle Gear
1701	Chuck Body	3147	Gear Guard
1702	Chuck Lever	3148	Spindle Plunger
1703	Chuck Adjuster	3149	Spindle Plunger Spring
1704	Chuck Closing Cam	3150	Spindle Plunger Spring Pin

For Transferring Mechanism parts see pages 20-23.

Below. Additional parts for Motor-Driven Type.





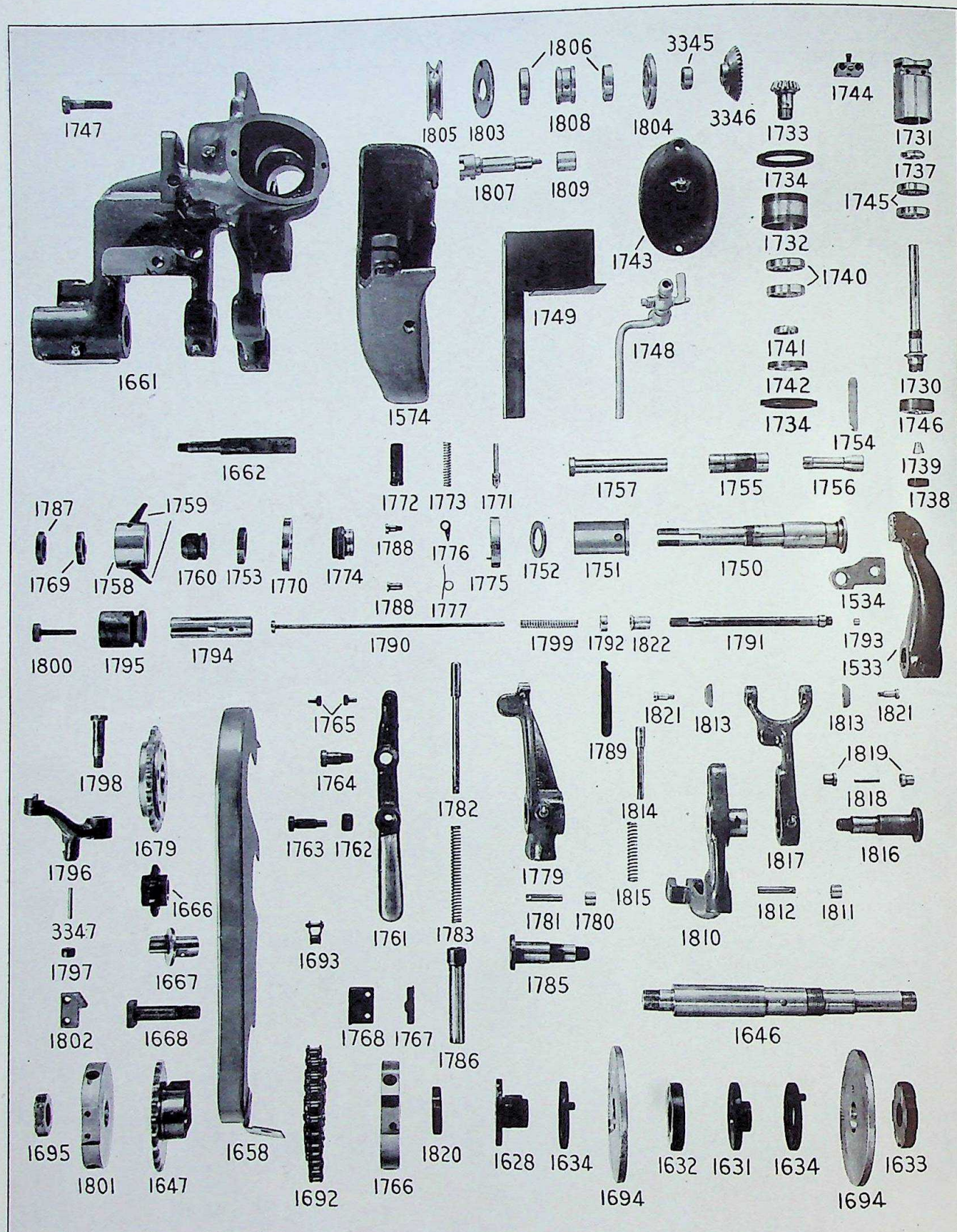
Nut Tapping Attachment

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Nut Tapping Attachment

245	Cross Slide Stop, Front	1990	Spindle Gear
1533	Work Holder Arm	1991	Spindle Gear Nut Lockwasher
1534	Work Holder	1992	Spindle Gear Nut
1571	Nut Tapping Bracket	1993	Spindle Bushing, Rear
1574	Chute	1994	Nut Driving Sleeve Washer
1575	Chute Extension	1995	Guide Collar
1580	Nut Tapping Bracket Slide	1996	Nut Driving Sleeve Collar
1635	Driving Pulley	1997	Oil Guard, Rear
1662	Work Holder Arm Stop	1998	Spindle
1968	Driving Shaft	1999	Nut Tapping Case, Lower
1969	Driving Shaft Bushing	2191	Countersink Stop Screw
1970	Driving Shaft Washer	2192	Clamp Screw Shoe
1971	Oil Wiper, Side	2193	Countersink Stop Screw Clamp Screw
1972	Nut Guide Holder	2194	Nut Retainer Spring
1973	Nut Guide Plate	2195	Tap Guide Clamp Bolt
1974	Nut Guide Holder Washer	2196	Tap Guide Clamp Bushing
1975	Nut Guide Holder Nut	2197	Nut Chute Support
1976	Countersinking Guide Adjusting Screw, Upper	2198	Nut Tapping Case Bolt
1977	Countersinking Guide	2199	Nut Tapping Case Bolt Washer
1978	Countersinking Guide Adjusting Screw, Lower	2200	Work Holder Bushing Blank
1979	Oil Drip Washer	2201	Bushing Blank Spring
1980	Nut Tapping Case, Upper	2202	Spring Retainer, Large
1981	Countersinking Spindle	2203	Work Holder Plunger
1982	Countersinking Spindle Bushing	2204	Work Holder Plunger Spring
1983	Countersinking Spindle Gear Lockwasher	2205	Spring Retainer, Small
1984	Countersinking Spindle Gear	2206	Flexible Tube
1985	Countersinking Spindle Nut	2207	Oil Wiper, Top
1986	Bushing Blank	2208	Oil Guard, Front
1987	Countersinking Spindle Oil Guard	2209	Nut Guide, Upper
1988	Spindle Bushing, Front	2231	Nut Guide, Lower
1989	Spindle Oil Guard	5301	Swing Pendant
		5302	Oil Distributor
		5313	Straight Cock

For Transferring Mechanism parts see pages 20-23.



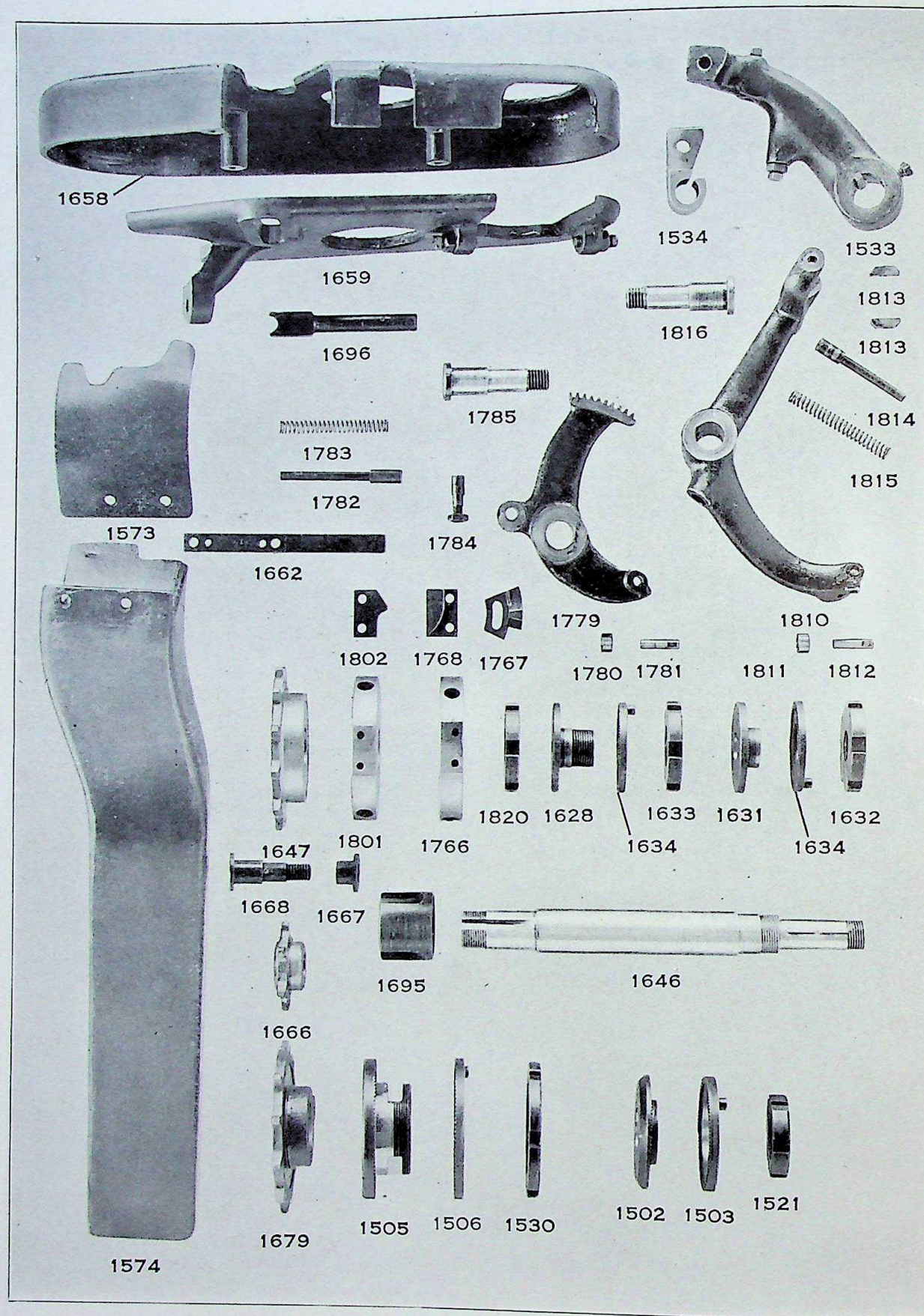
Index Drilling Attachment
Nos. 00 and 0 Size Machines

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

1533	Work Holder Arm	1768	Chuck Closing Cam
1534	Work Holder	1769	Chuck Adjusting Nut, Square Corners
1574	Chute	1770	Index Plate
1628	Index Cam Holder	1771	Index Pin
1631	Feed Cam Holder	1772	Index Pin Bushing
1632	Index Cam Nut	1773	Index Pin Spring
1633	Feed Cam Nut	1774	Index Ratchet
1634	Cam Driving Disk	1775	Index Pawl Disk
1646	Cam Shaft	1776	Index Pawl
1647	Cam Shaft Sprocket	1777	Index Pawl Spring
1658	Chain Guard	1778	Index Pawl Spring Pin
*1661	Frame	1779	Index Lever
1662	Work Holder Arm Stop	1780	Index Lever Roll
1666	Chain Tightener Sprocket	1781	Index Lever Roll Pin
1667	Chain Tightener Sprocket Bushing	1782	Index Lever Plunger
1668	Chain Tightener Sprocket Stud	1783	Index Lever Plunger Spring
1679	Driving Sprocket	1785	Index Lever Stud
1692	Chain	1786	Index Lever Spring Bushing
1693	Chain Offset Link	1787	Chuck Adjusting Nut, Round Corner
1694	Cam Blank	1788	Index Pawl Fulcrum
1695	Cam Shaft Nut	1789	Ejector Sleeve Nut Wrench
1730	Drill Spindle	1790	Ejector
1731	Drill Spindle Bearing Sleeve	1791	Ejector Sleeve
1732	Drill Spindle Gear Bearing Sleeve	1792	Ejector Sleeve Nut
1733	Drill Spindle Gear	1793	Ejector Bushing
1734	Spindle Gear Bearing Sleeve Nut	1794	Ejector Tube
1737	Drill Spindle Nut	1795	Ejector Operating Sleeve
1738	Drill Chuck Nut	1796	Ejector Lever
1739	Drill Collet Blank	1797	Ejector Lever Roll
1740	Drill Spindle Bearing, Upper	1798	Ejector Lever Fulcrum
1741	Drill Spindle Gear Nut	1799	Ejector Spring
1742	Spindle Gear Bearing Retainer	1800	Ejector Adjusting Screw
1743	Frame Drill Spindle Cover	1801	Ejector Cam Disk
1744	Drill Spindle Bearing Sleeve Stop	1802	Ejector Cam
1745	Drill Spindle Bearing, Lower	1803	Pulley Shaft Bearing Retainer, Outer
1746	Drill Spindle Bearing Retainer	1804	Pulley Shaft Bearing Retainer, Inner
1747	Frame Clamp Screw	1805	Drill Spindle Pulley
1748	Oil Piping Arrangement	1806	Pulley Shaft Bearing
1749	Oil Piping Guard	1807	Drill Spindle Pulley Shaft
1750	Work Spindle	1808	Pulley Shaft Bearing Spacer, Large
1751	Work Spindle Sleeve	1809	Pulley Shaft Bearing Spacer, Small
1752	Work Spindle Thrust Washer	1810	Feed Lever
1753	Index Plate Nut	1811	Feed Lever Roll
1754	Collet Wrench	1812	Feed Lever Roll Pin
1755	Chuck Sleeve	1813	Feed Lever Shoe
1756	Chuck Blank	1814	Feed Lever Plunger
1757	Chuck Closing Tube	1815	Feed Lever Spring
1758	Chuck Lever Fulcrum	1816	Feed Lever Stud
1759	Chuck Lever	1817	Feed Yoke Lever
1760	Chuck Operating Sleeve	1818	Shearing Pin
1761	Chuck Cam Lever	1819	Shearing Pin Bushing
1762	Chuck Cam Lever Roll	1820	Chuck Cam Disk Thrust Nut
1763	Chuck Cam Lever Roll Stud	1821	Feed Lever Shoe Fulcrum
1764	Chuck Cam Lever Fulcrum	1822	Work Spindle Plug
1765	Chuck Cam Lever Shoe	3345	Pulley Shaft Gear Collar
1766	Chuck Cam Disk	3346	Drill Spindle Pulley Shaft Gear
1767	Chuck Opening Cam	3347	Ejector Lever Roll Pin

For Transferring Mechanism parts see pages 20-23.

* Serial number of attachment stamped on this part.



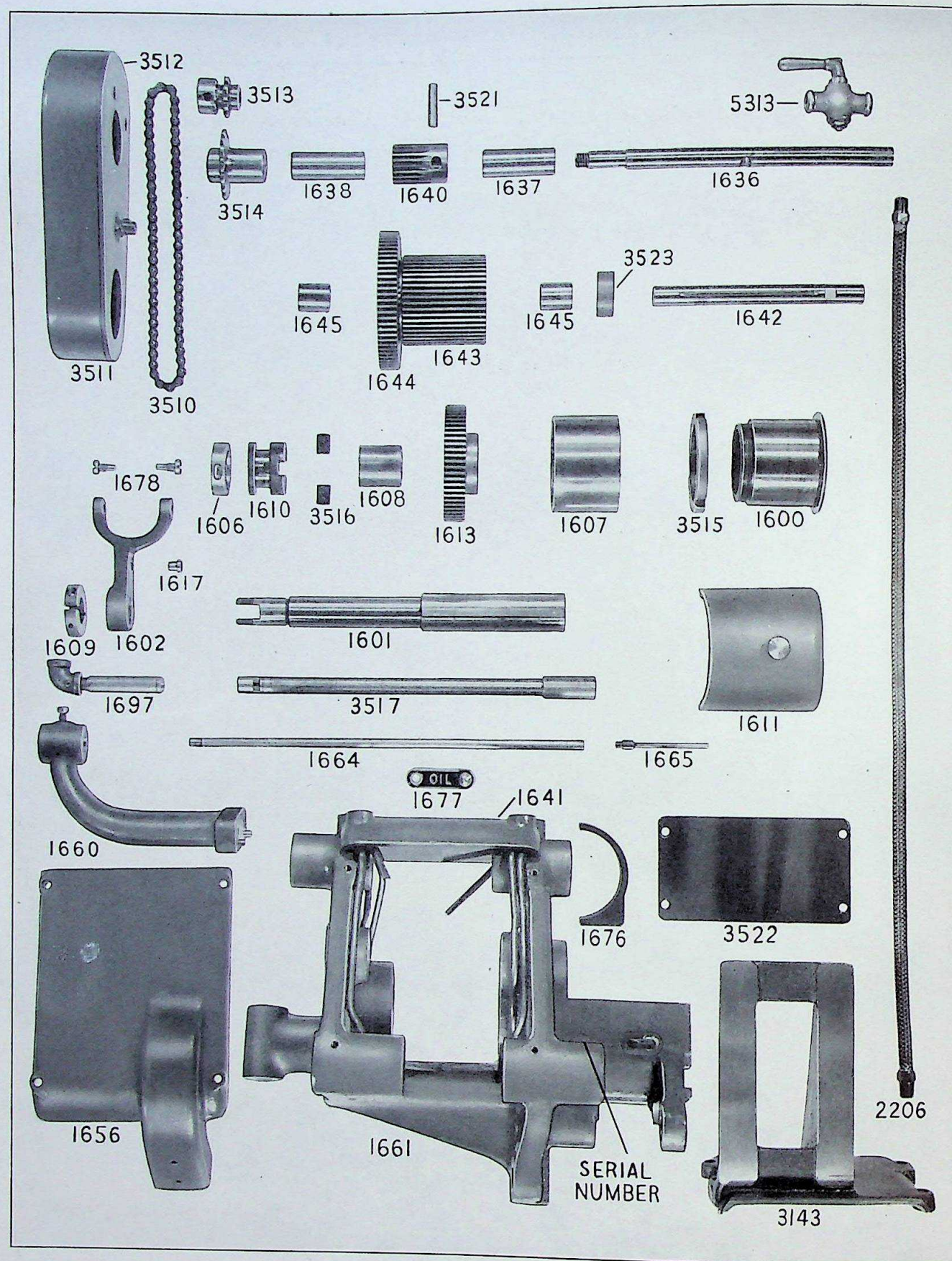
Index Drilling Attachment (continued)
No. 2 Size Machines

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Index Drilling Attachment (continued)
No. 2 Size Machines

1502	Slotting Cam Holder	1679	Driving Sprocket
1503	Slotting Cam Driving Disk	1695	Cam Shaft Nut
1505	Rotating Cam Holder	1696	Cross Slide Spring Plunger
1506	Rotating Cam Driving Disk	1766	Chuck Cam Disk
1521	Slotting Cam Shaft Nut	1767	Chuck Opening Cam
1530	Rotating Cam Holder Nut	1768	Chuck Closing Cam
1533	Work Holder Arm	1779	Index Lever
1534	Work Holder	1780	Index Lever Roll
1573	Oil Guard	1781	Index Lever Roll Pin
1574	Chute	1782	Index Lever Plunger
1628	Index Cam Holder	1783	Index Lever Spring
1631	Feed Cam Holder	1784	Index Lever Spring Stud
1632	Index Cam Carrier Nut	1785	Index Lever Stud
1633	Feed Cam Carrier Nut	1801	Ejector Cam Disk
1634	Cam Driving Disk	1802	Ejector Cam
1646	Cam Shaft	1810	Feed Lever
1647	Cam Shaft Sprocket	1811	Feed Lever Roll
1658	Chain Guard	1812	Feed Lever Roll Pin
1659	Chain Roll Bracket	1813	Feed Lever Shoe
1662	Work Holder Arm Stop	1814	Feed Lever Plunger
1666	Chain Idler	1815	Feed Lever Spring
1667	Chain Idler Stud Collar	1816	Feed Lever Stud
1668	Chain Idler Stud	1820	Chuck Cam Disk Thrust Nut

For Transferring Mechanism parts see pages 20-23.



Rear End Threading Attachment

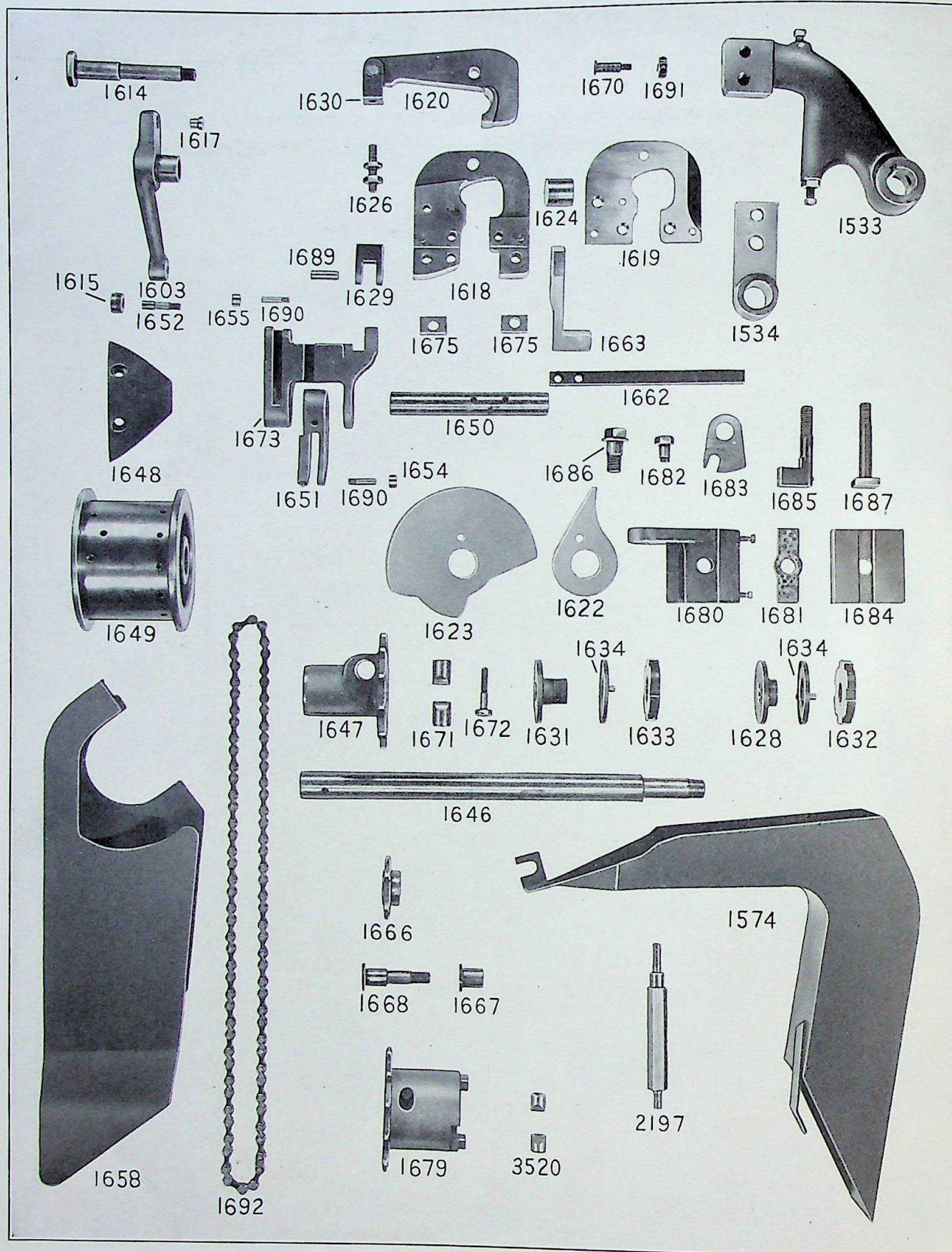
When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Rear End Threading Attachment

- 1600 Die Closing Sleeve
- 1601 Die Spindle
- 1602 Spindle Lever
- 1606 Die Spindle Ring
- 1607 Die Spindle Bushing, Right
- 1608 Die Spindle Bushing, Left
- 1609 Die Spindle Nut
- 1610 Die Spindle Collar
- 1611 Die Holder Guard
- 1613 Spindle Gear
- 1617 Shearing Pin Bushing
- 1636 Driving Pulley Shaft
- 1637 Pulley Shaft Bushing, Right
- 1638 Pulley Shaft Bushing, Left
- 1640 Pulley Shaft Gear
- 1641 Oil Well
- 1642 Spindle Driving Gear Shaft
- 1643 Spindle Driving Gear
- 1644 Intermediate Driving Gear
- 1645 Spindle Driving Gear Bushing
- 1656 Front Guard
- 1660 Stop Bracket
- 1661 Frame
- 1664 Work Stop
- 1665 Work Stop Head
- 1676 Die Holder Stop
- 1677 Oil Well Cover
- 1678 Die Spindle Ring Screw
- 1697 Oil Pipe, Short
- 2206 Flexible Tube
- 3143 Motor Bracket
- 3510 Motor Chain (State No. of Links)
- 3511 Motor Chain Guard
- 3512 Motor Chain Guard Cover
- 3513 Motor Sprocket (State No. of Teeth)
- 3514 Attachment Driven Sprocket (State No. of Teeth)
- 3515 Die Closing Sleeve Nut
- 3516 Die Spindle Collar Key
- 3517 Die Holder Pipe
- 3521 Pulley Shaft Gear Pin
- 3522 Back Guard, Lower
- 3523 Quill Shaft Collar
- 5313 Straight Cock, Lever Handle

(Continued on next page)

For Transferring Mechanism parts see pages 20-23.



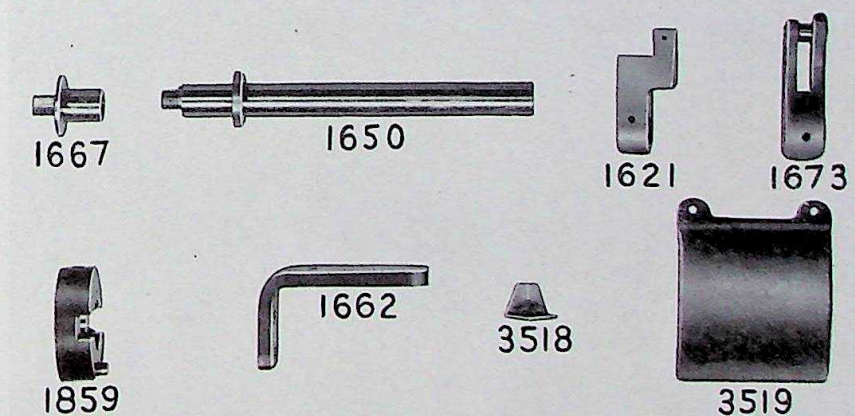
Rear End Threading Attachment (continued)

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

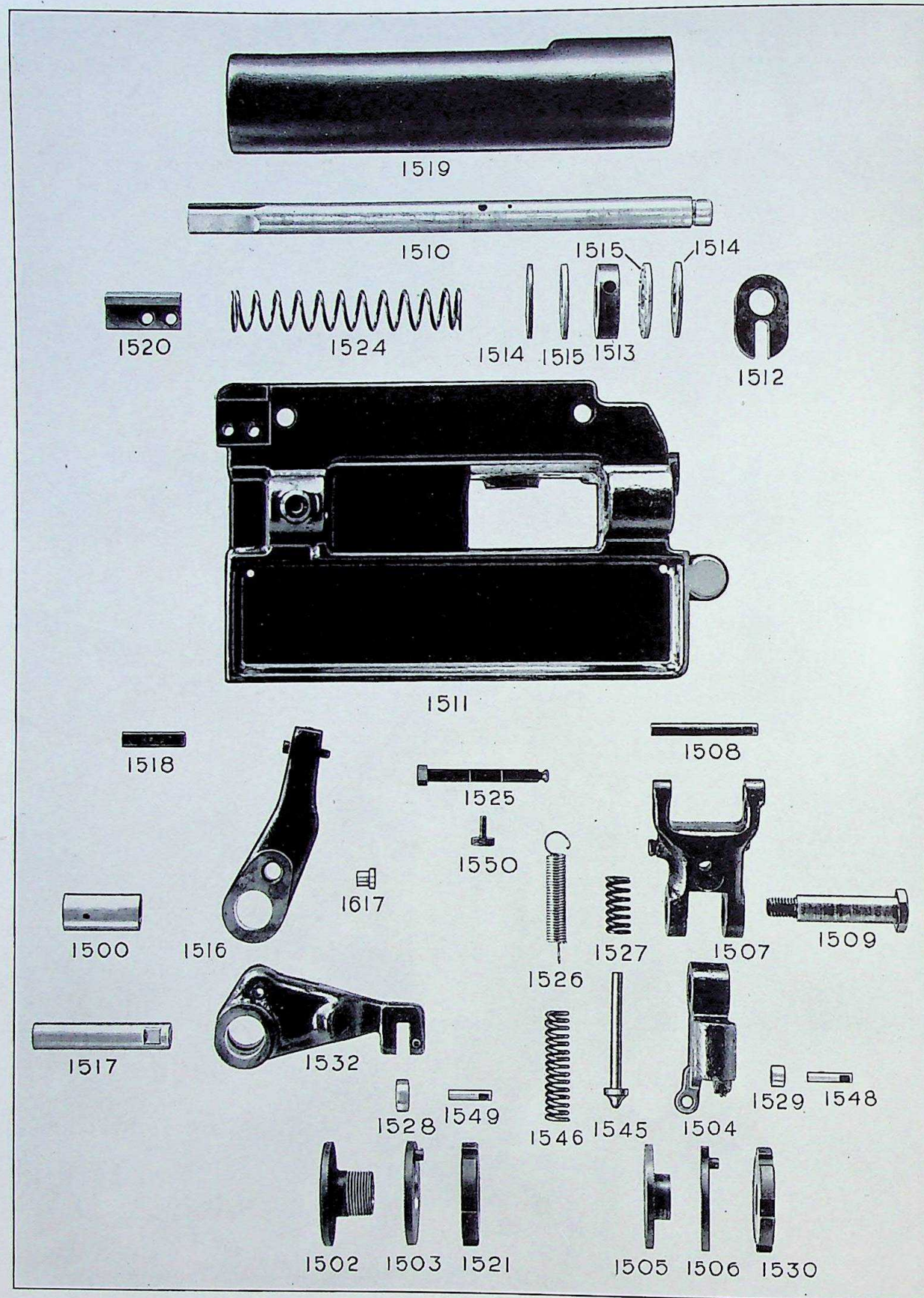
Rear End Threading Attachment (continued)

1533	Work Holder Arm	1655	Closing Cam Lever Roll
1534	Work Holder	1658	Chain Guard
1574	Chute	1662	Work Holder Arm Stop
1603	Spindle Cam Lever	1663	Work Stop Bracket
1614	Spindle Lever Stud	1666	Chain Idler Sprocket
1615	Spindle Cam Lever Roll	1667	Chain Idler Stud Collar
1617	Shearing Pin Bushing	1668	Chain Idler Stud
1618	Clamping Plate	1670	Clamp Fulcrum Screw
1619	Clamping Plate Front	1671	Sprocket Clamp Bushing
1620	Clamp	1672	Sprocket Clamp Screw
1621	Clamp Lever	1673	Clamp Closing Cam Lever
1622	Clamp Opening Cam	1675	Clamp Key
1623	Clamp Closing Cam	1679	Driving Sprocket
1624	Clamp Bushing Blank	1680	Tool Post, Front
1626	Adjusting Screw	1681	Tool Post Swivel
1628	Opening Cam Holder	1682	Tool Post Eccentric
1629	Swivel, Right Hand	1683	Tool Adjusting Block
1630	Swivel, Left Hand	1684	Tool Post Raising Block
1631	Closing Cam Holder	1685	Tool Clamp Bolt (State Length)
1632	Opening Cam Carrier Nut	1686	Tool Post Tool Clamp Screw
1633	Closing Cam Carrier Nut	1687	Tool Post Clamp Bolt
1634	Cam Driving Disk	1689	Swivel Pin
1646	Cam Shaft	1690	Cam Lever Roll Pin
1647	Cam Shaft Sprocket	1691	Clamp Fulcrum Screw Nut
1648	Return Cam	1692	Chain
1649	Cam Drum	1859	Cross Slide Cam Holder, Back
1650	Lever Fulcrum	2197	Chute Support
1651	Opening Cam Lever	3518	Cross Slide Adjusting Nut Pointer
1652	Spindle Cam Lever Roll Stud	3519	Back Guard Extension
1654	Opening Cam Lever Roll	3520	Driving Sprocket Clamp Bushing

Below, Parts for No. 0 Size Attachment only



For Transferring Mechanism parts see pages 20-23.



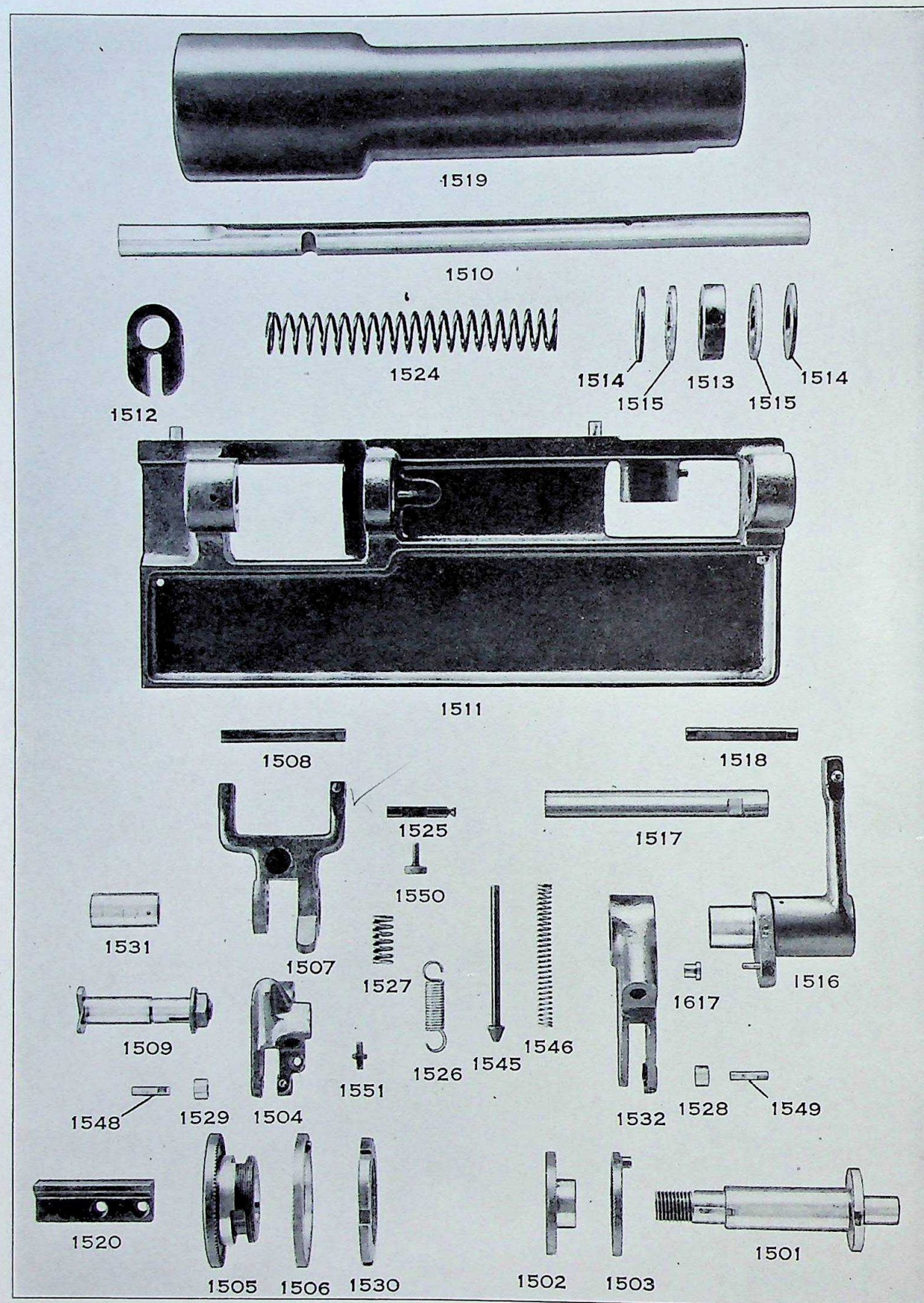
Screw Slotting, Burring, Nut Tapping and Index
Drilling Attachments Used on No. 00 Machines

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Transferring Mechanism

Screw Slotting, Burring, Nut Tapping and Index
Drilling Attachments Used on No. 00 Machines

1500	Slotting Cam Lever Bushing
1502	Slotting Cam Holder
1503	Slotting Cam Driving Disk
1504	Rotating Cam Lever
1505	Rotating Cam Holder
1506	Rotating Cam Driving Disk
1507	Rotating Lever
1508	Rotating Lever Rod
1509	Rotating Lever Fulcrum
1510	Slotting Shaft
1511	Slotting Shaft Bracket
1512	Slotting Shaft Lever
1513	Slotting Shaft Collar
1514	Slotting Shaft Washer
1515	Ball Retainer
1516	Slotting Lever
1517	Slotting Lever Fulcrum
1518	Slotting Lever Stop
1519	Spring Guard
1520	Screw Holder Arm Rest
1521	Slotting Cam Shaft Nut
1524	Slotting Shaft Spring
1525	Rotating Cam Lever Stop
1526	Rotating Cam Lever Spring
1527	Rotating Lever Spring
1528	Slotting Cam Lever Roll
1529	Rotating Cam Lever Roll
1530	Rotating Cam Holder Nut
1532	Slotting Cam Lever
1545	Rotating Lever Spring Plunger
1546	Rotating Spring
1548	Rotating Cam Lever Roll Pin
1549	Slotting Cam Lever Roll Pin
1550	Rotating Cam Lever Stop Screw
1617	Shearing Pin Bushing



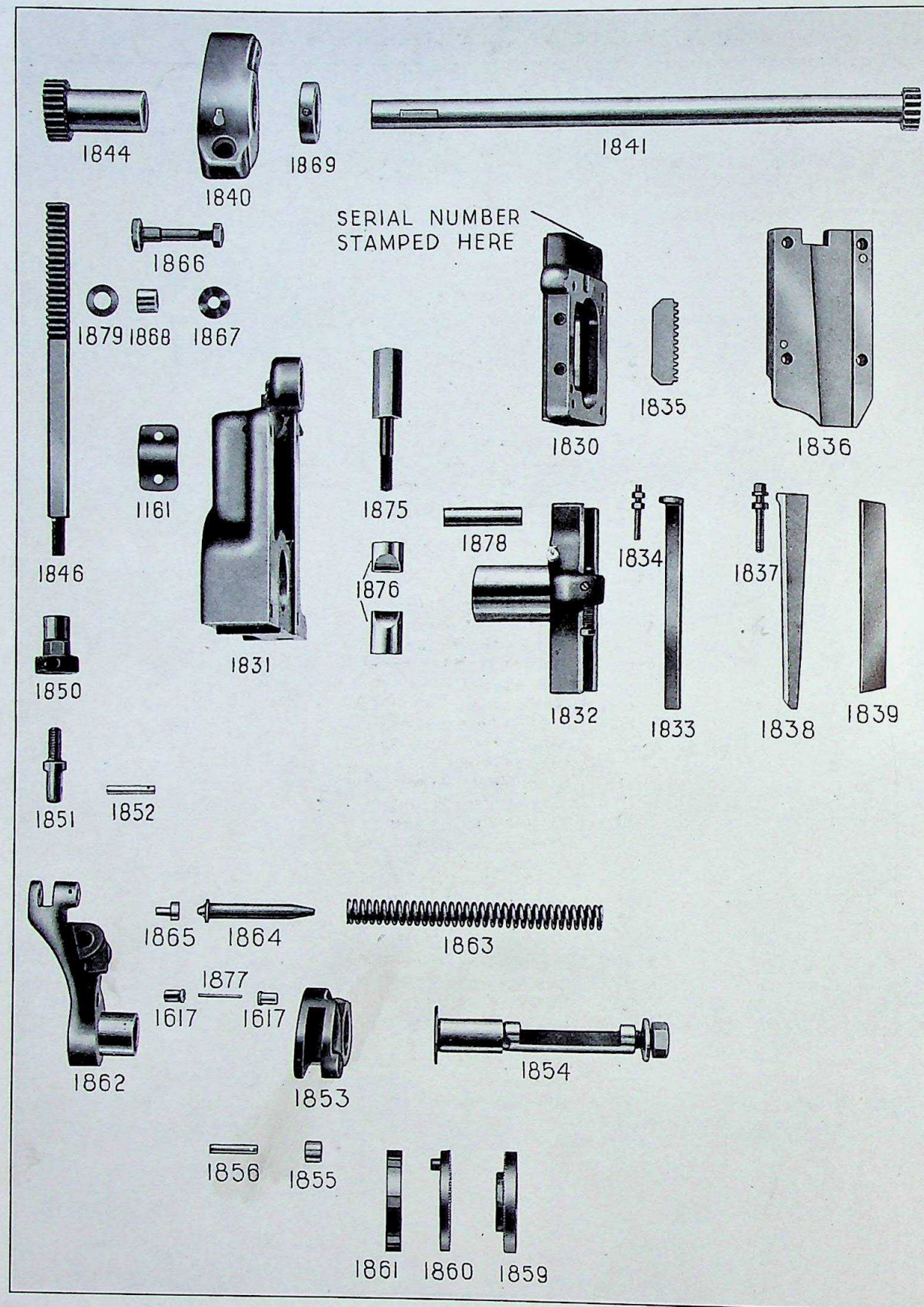
Transferring Mechanism
Screw Slotting, Burring, Nut Tapping, Index Drilling and
Rear End Threading Attachments Used on Nos. 0 and 2 Machines

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Transferring Mechanism

Screw Slotting, Burring, Nut Tapping, Index Drilling and
Rear End Threading Attachments Used on Nos. 0 and 2 Machines

1501	Slotting Cam Shaft
1502	Slotting Cam Holder
1503	Slotting Cam Driving Disk
1504	Rotating Cam Lever
1505	Rotating Cam Holder
1506	Rotating Cam Driving Disk
1507	Rotating Lever
1508	Rotating Lever Rod
1509	Rotating Lever Fulcrum
1510	Slotting Shaft
1511	Slotting Shaft Bracket
1512	Slotting Shaft Lever
1513	Slotting Shaft Collar
1514	Slotting Shaft Washer
1515	Ball Retainer
1516	Slotting Lever
1517	Slotting Lever Fulcrum
1518	Slotting Lever Stop
1519	Spring Guard
1520	Screw Holder Arm Rest
1524	Slotting Shaft Spring
1525	Rotating Cam Lever Stop
1526	Rotating Cam Lever Spring
1527	Rotating Lever Spring
1528	Slotting Cam Lever Roll
1529	Rotating Cam Lever Roll
1530	Rotating Cam Holder Nut
1531	Rotating Lever Bushing
1532	Slotting Cam Lever
1545	Rotating Lever Spring Plunger
1546	Rotating Spring
1548	Rotating Cam Lever Roll Pin
1549	Slotting Cam Lever Roll Pin
1550	Rotating Cam Lever Stop Screw
1551	Rotating Cam Lever Set Screw
1617	Shearing Pin Bushing

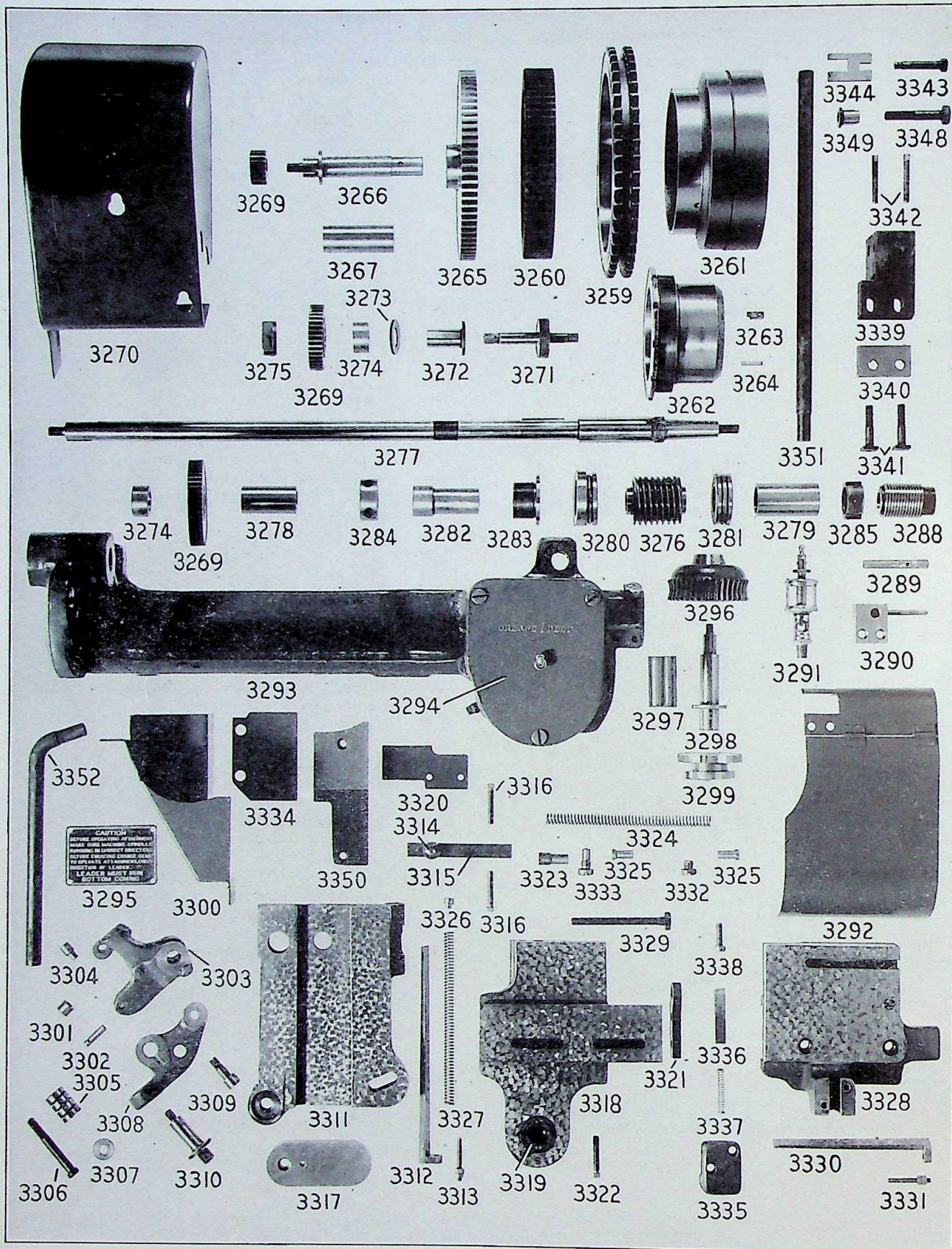


Vertical Slide Attachment

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Vertical Slide Attachment

- 1161 Oil Pipe Support Cap
- 1617 Shearing Pin Bushing
- 1830 Vertical Slide
- 1831 Vertical Slide Bracket
- 1832 Vertical Slide Way
- 1833 Vertical Slide Way Gib
- 1834 Vertical Slide Way Gib Adjusting Screw
- 1835 Vertical Slide Rack
- 1836 Vertical Tool Holder
- 1837 Vertical Tool Holder Screw
- 1838 Tool Wedge
- 1839 Cutting-off Blade
- 1840 Operating Rack Support
- 1841 Vertical Slide Pinion Shaft
- 1844 Pinion Shaft Driving Gear
- 1846 Driving Gear Operating Rack
- 1850 Operating Rack Adjusting Nut
- 1851 Operating Rack Adjusting Screw
- 1852 Operating Rack Screw Pin
- 1853 Vertical Slide Cam Lever
- 1854 Cam Lever Stud
- 1855 Vertical Slide Cam Lever Roll
- 1856 Vertical Slide Cam Lever Roll Pin
- 1859 Vertical Slide Cam Holder
- 1860 Vertical Slide Cam Driving Disk
- 1861 Vertical Slide Cam Holder Nut
- 1862 Operating Rack Lever
- 1863 Operating Rack Lever Spring
- 1864 Operating Rack Lever Spring Plunger
- 1865 Rack Lever Spring Plunger Button
- 1866 Operating Rack Support Stud
- 1867 Support Stud Washer, Right
- 1868 Operating Rack Support Roll
- 1869 Pinion Shaft Driving Gear Collar
- 1875 Vertical Slide Way Clamp Screw
- 1876 Vertical Slide Way Clamp, Complete
- 1877 Shearing Pin
- 1878 Vertical Slide Swivel Stop
- 1879 Support Stud Washer, Left



Thread Chasing Attachment

Nos. 00 and 0 Size Machines

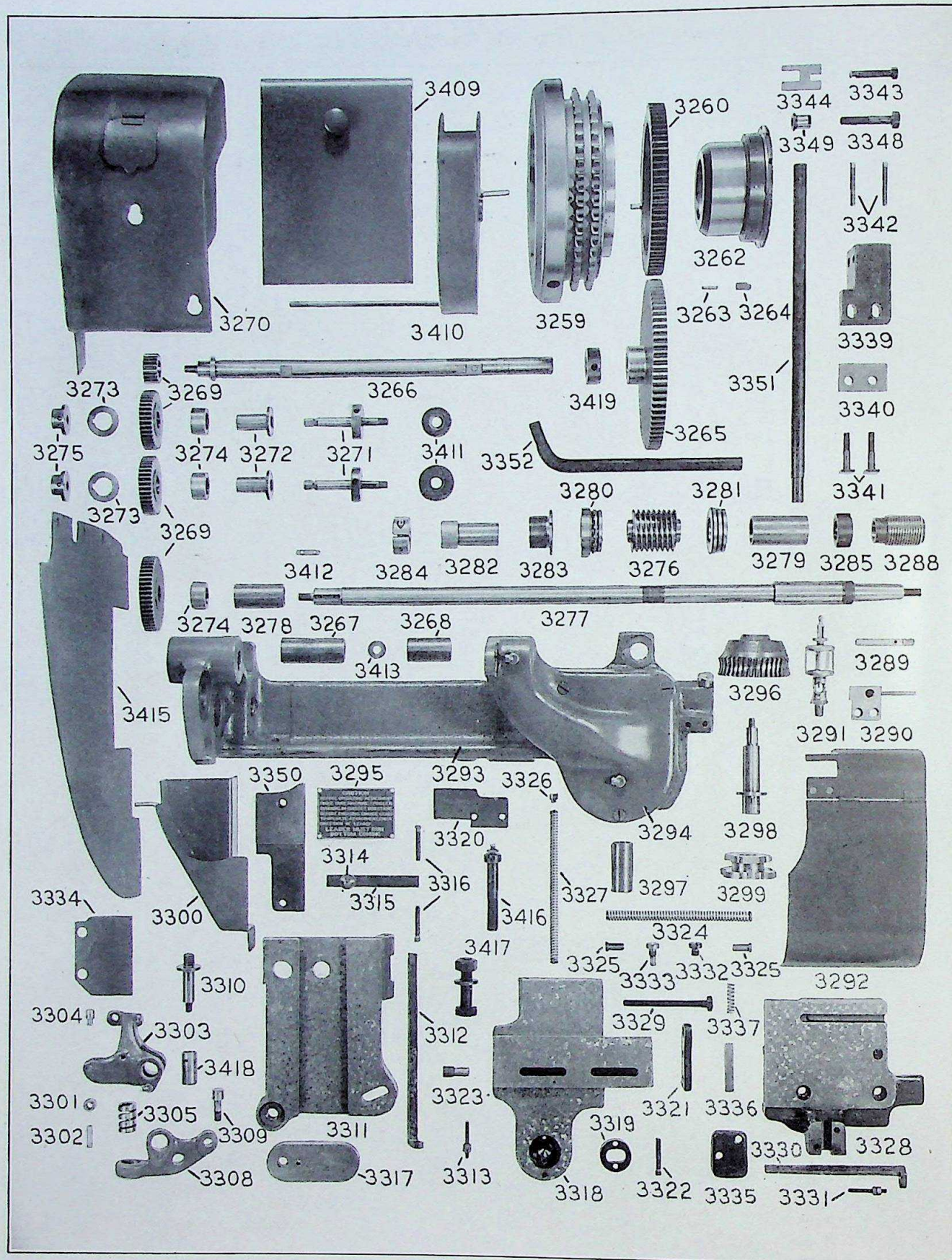
When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Thread Chasing Attachment

Nos. 00 and 0 Size Machines

3259	Spindle Sprocket	3306	Cam Lever Spring Screw
3260	Spindle Sprocket Gear	3307	Cam Lever Spring Washer
3261	Spindle Sprocket Friction Back	3308	Operating Lever
3262	Spindle Sprocket Bushing	3309	Operating Lever Stud
3263	Spindle Sprocket Plunger	3310	Operating Lever Fulcrum
3264	Spindle Sprocket Plunger Spring	3311	Bottom Slide
3265	Driven Gear	3312	Bottom Slide Gib
3266	Driven Gear Shaft	3313	Bottom Slide Gib Adjusting Screw
3267	Driven Gear Shaft Bushing	3314	Bottom Slide Fulcrum
3269	Change Gear (State Number of Teeth)	3315	Bottom Slide Fulcrum Bar
3270	Change Gear Guard	3316	Bottom Slide Adjusting Screw
3271	Change Gear Stud	3317	Cross Slide Insert
3272	Change Gear Stud Sleeve	3318	Intermediate Slide
3273	Change Gear Bushing Washer	3319	Intermediate Slide Insert
3274	Change Gear Spacer	3320	Intermediate Slide Plate
3275	Change Gear Stud Collar	3321	Intermediate Slide Stop
3276	Worm	3322	Intermediate Slide Stop Screw
3277	Worm Shaft	3323	Intermediate Slide Screw
3278	Worm Shaft Bushing, Left	3324	Top Slide Return Spring
3279	Worm Shaft Bushing, Right	3325	Top Slide Return Spring Button
3280	Worm Shaft Ball Bearing, Left	3326	Intermediate Slide Spring Button, Small
3281	Worm Shaft Ball Bearing, Right	3327	Intermediate Slide Spring
3282	Worm Shaft Sleeve	3328	Top Slide
3283	Worm Shaft Adjusting Bushing	3329	Top Slide Stop
3284	Worm Shaft Clamp Nut	3330	Top Slide Gib
3285	Worm Shaft Nut	3331	Top Slide Gib Adjusting Screw
3288	Leader (State Whether for Left or Right Hand and English or Metric Threads)	3332	Top Slide Screw
3289	Leader Oil Distributor	3333	Top Slide Spring Screw
3290	Leader Oil Distributor Block	3334	Top Slide Guard, Upper
3291	Leader Oiler	3335	Top Slide Cap
3292	Leader Guard	3336	Leader Shoe (State Whether for Left or Right Hand and English or Metric Threads)
*3293	Chasing Attachment Bracket	3337	Leader Shoe Spring
3294	Chasing Attachment Bracket Cover	3338	Leader Shoe Adjusting Screw
3295	Caution Plate	3339	Tool Post
3296	Worm Wheel	3340	Tool Post Raising Block
3297	Worm Wheel Shaft Bushing	3341	Tool Post Bolt
3298	Cam Shaft	3342	Tool Post Adjusting Screw
3299	Chasing Attachment Cam (State Number of Lobes)	3343	Tool Post Eccentric
3300	Chasing Attachment Cam Guard	3344	Tool Adjusting Block
3301	Cam Roll	3348	Tool Clamp Bolt
3302	Cam Roll Pin	3349	Tool Bushing
3303	Cam Roll Lever	3350	Cross Slide Chip Guard, Front
3304	Cam Roll Lever Pin	3351	Pin Wrench
3305	Cam Roll Lever Spring	3352	Vertical Slide Pin Wrench

* Serial number of attachment stamped on this part.



Thread Chasing Attachment
No. 2 Size Machine

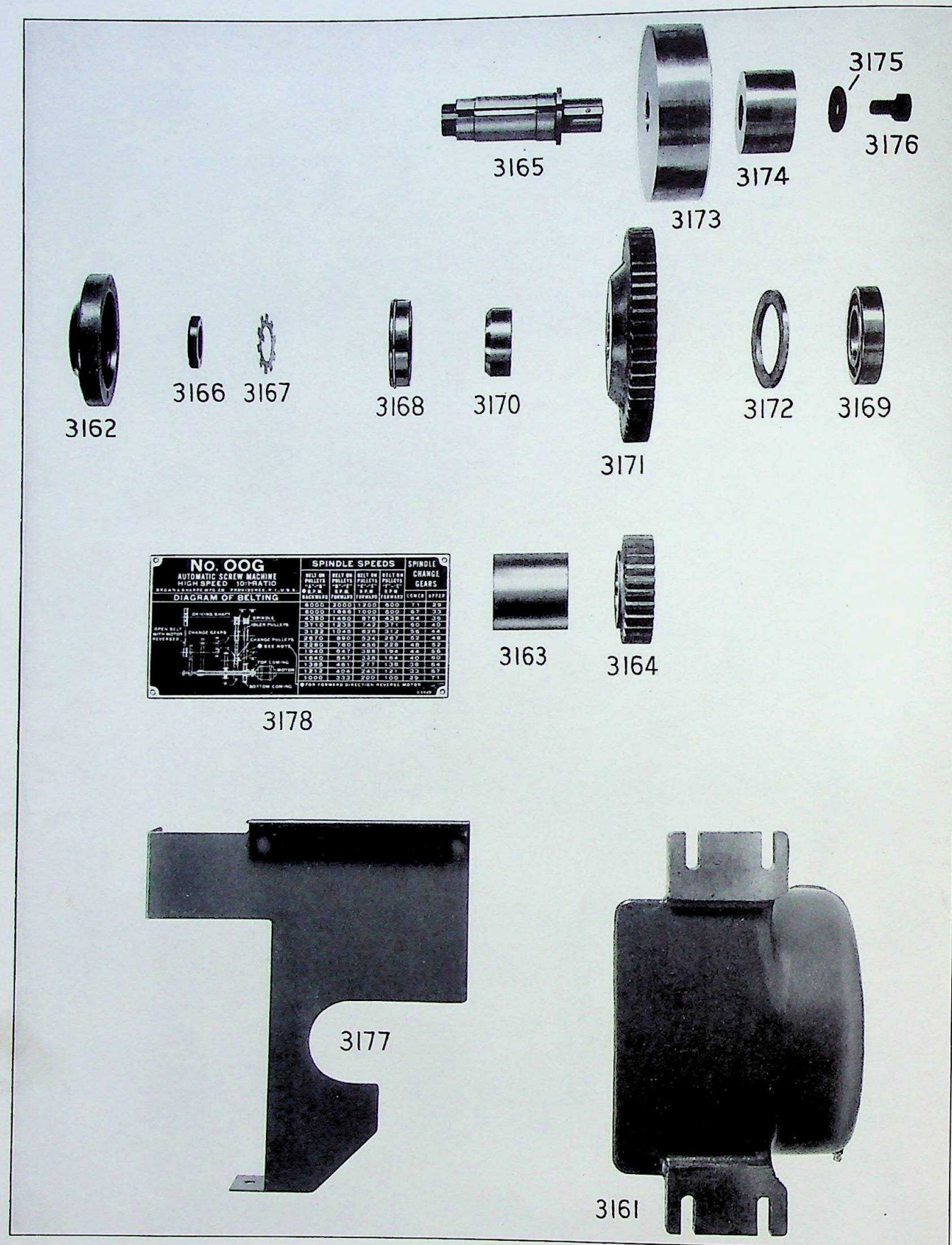
When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Thread Chasing Attachment

No. 2 Size Machine

3259	Spindle Sprocket	3312	Bottom Slide Gib
3260	Spindle Sprocket Gear	3313	Bottom Slide Gib Adjusting Screw
3262	Spindle Sprocket Bushing	3314	Bottom Slide Fulcrum
3263	Spindle Sprocket Plunger	3315	Bottom Slide Fulcrum Bar
3264	Spindle Sprocket Plunger Spring	3316	Bottom Slide Adjusting Screw
3265	Driven Gear	3317	Cross Slide Insert
3266	Driven Gear Shaft	3318	Intermediate Slide
3267	Driven Gear Shaft Bushing, Left	3319	Intermediate Slide Insert
3268	Driven Gear Shaft Bushing, Right	3320	Intermediate Slide Plate
3269	Change Gear (State Number of Teeth)	3321	Intermediate Slide Stop
3270	Change Gear Guard	3322	Intermediate Slide Stop Screw
3271	Change Gear Stud	3323	Intermediate Slide Screw
3272	Change Gear Stud Sleeve	3324	Top Slide Return Spring
3273	Change Gear Bushing Washer	3325	Top Slide Return Spring Button
3274	Change Gear Spacer	3326	Intermediate Slide Spring Button, Small
3275	Change Gear Stud Collar	3327	Intermediate Slide Spring
3276	Worm	3328	Top Slide
3277	Worm Shaft	3329	Top Slide Stop
3278	Worm Shaft Bushing, Left	3330	Top Slide Gib
3279	Worm Shaft Bushing, Right	3331	Top Slide Gib Adjusting Screw
3280	Worm Shaft Ball Bearing, Left	3332	Top Slide Screw
3281	Worm Shaft Ball Bearing, Right	3333	Top Slide Spring Screw
3282	Worm Shaft Sleeve	3334	Top Slide Guard, Upper
3283	Worm Shaft Adjusting Bushing	3335	Top Slide Cap
3284	Worm Shaft Clamp Nut	3336	Leader Shoe (State Whether for Left or Right Hand and English or Metric Threads)
3285	Worm Shaft Nut	3337	Leader Shoe Spring
3288	Leader (State Whether for Left or Right Hand and English or Metric Threads)	3339	Tool Post
3289	Leader Oil Distributor	3340	Tool Post Raising Block
3290	Leader Oil Distributor Block	3341	Tool Post Bolt
3291	Leader Oiler	3342	Tool Post Adjusting Screw
3292	Leader Guard	3343	Tool Post Eccentric
*3293	Chasing Attachment Bracket	3344	Tool Adjusting Block
3294	Chasing Attachment Bracket Cover	3348	Tool Clamp Bolt
3295	Caution Plate	3349	Tool Bushing
3296	Worm Wheel	3350	Cross Slide Chip Guard, Front
3297	Worm Wheel Shaft Bushing	3351	Pin Wrench
3298	Cam Shaft	3352	Vertical Slide Pin Wrench
3299	Chasing Attachment Cam (State Number of Lobes)	3409	Spindle Clutch Adjustment Cover
3300	Chasing Attachment Cam Guard	3410	Driven Gear Guard
3301	Cam Roll	3411	Change Gear Stud Washer (State Diameter)
3302	Cam Roll Pin	3412	Worm Shaft Key
3303	Cam Roll Lever	3413	Change Gear Guard Spacing Washer
3304	Cam Roll Lever Pin	3415	Forward Oil Guard Side
3305	Cam Roll Lever Spring	3416	Spindle Cover Support
3308	Operating Lever	3417	Chasing Attachment Clamp Bolt
3309	Operating Lever Stud	3418	Cam Roll Lever Bushing
3310	Operating Lever Fulcrum	3419	Driven Gear Shaft Collar
3311	Bottom Slide		

* Serial number of attachment stamped on this part.



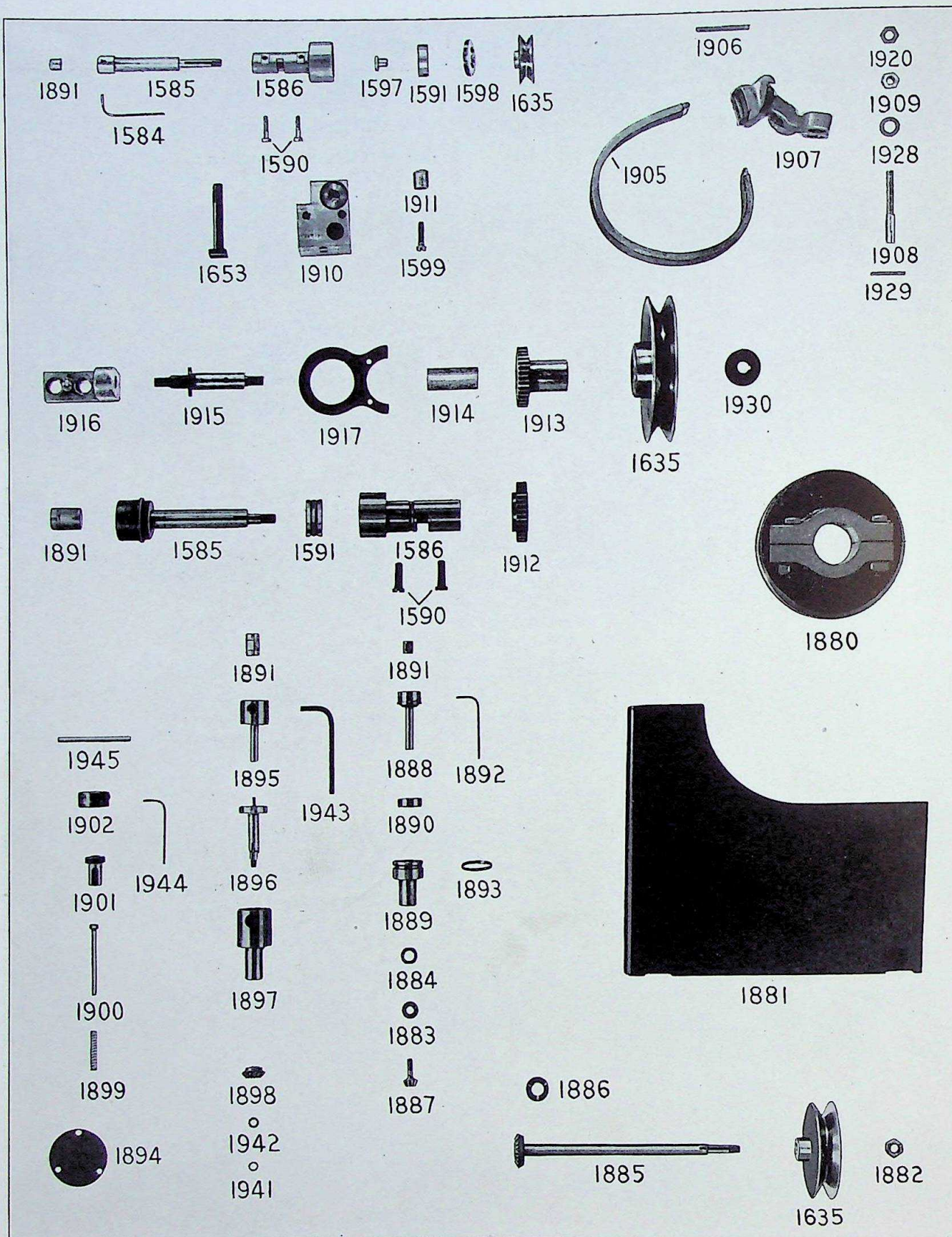
Low Threading Speed Attachment

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Low Threading Speed Attachment

- *3161 Spindle Intermediate Driving Bracket
- 3162 Spindle Intermediate Driving Bracket Cover
- 3163 Spindle Driving Sleeve Spacer, Short
- 3164 Spindle Driving Sleeve Pinion
- 3165 Spindle Intermediate Driving Shaft
- 3166 Intermediate Driving Shaft Nut
- 3167 Driving Shaft Lockwasher
- 3168 Intermediate Driving Shaft Bearing, Left
- 3169 Intermediate Driving Shaft Bearing, Right
- 3170 Spindle Intermediate Driving Shaft Collar
- 3171 Spindle Intermediate Driving Shaft Gear
- 3172 Intermediate Driving Bracket Grease Plate
- 3173 Spindle Intermediate Driving Pulley, Large
- 3174 Spindle Intermediate Driving Pulley, Small
- 3175 Intermediate Driving Shaft Washer
- 3176 Intermediate Driving Shaft Screw
- 3177 Chain Guard
- 3178 Spindle Speed Plate

* Serial number of attachment stamped on this part.



Cross Drilling, Turret Drilling, Tap or Die Revolving, and Combination Drilling & Tapping Attachments

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Cross Drilling Attachment
(Includes Spindle Brake)

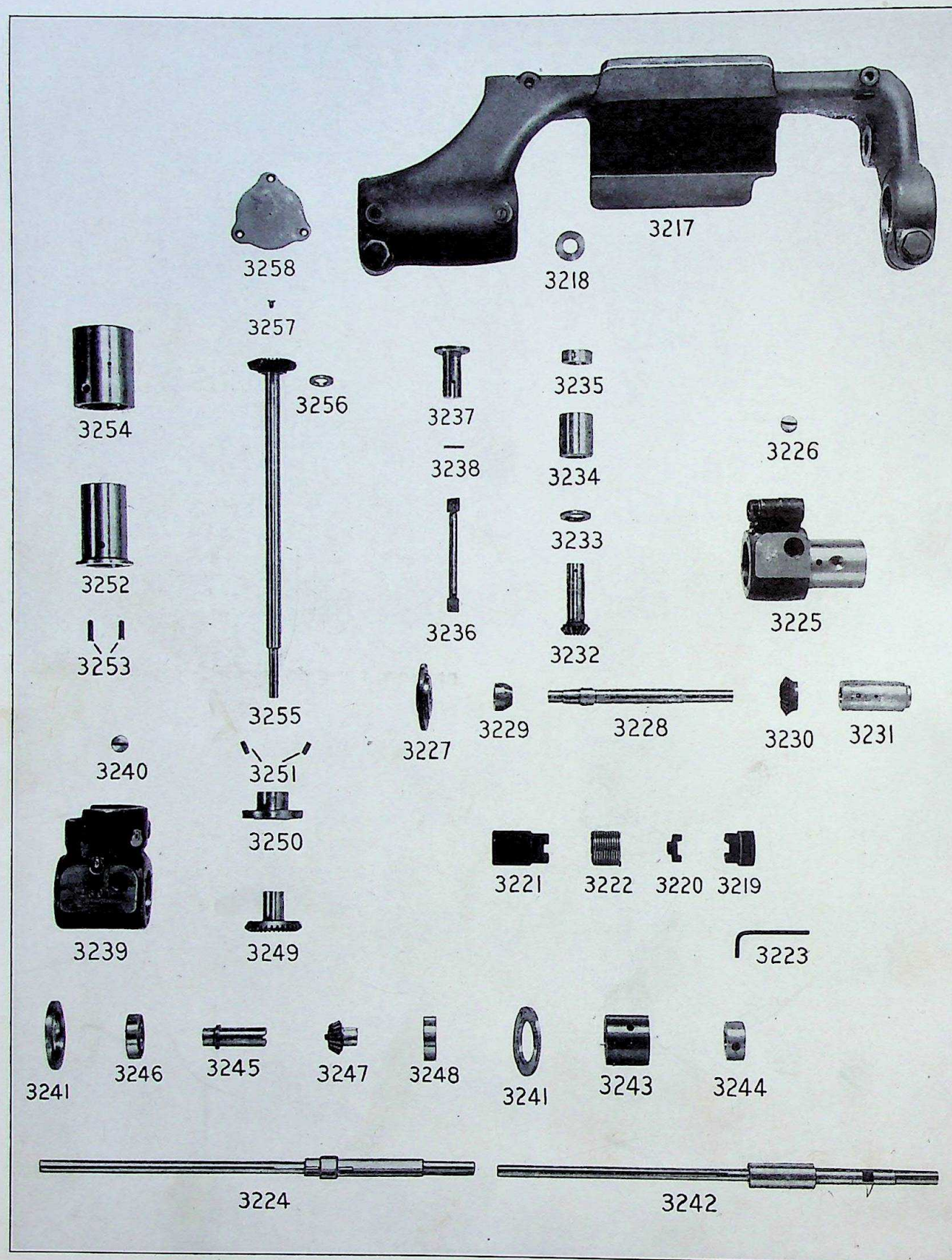
1584	Drill Spindle Wrench	*1907	Brake Clamp Bracket
1585	Drill Spindle	1908	Spindle Brake Adjusting Screw
1586	Drill Spindle Bushing	1909	Spindle Brake Adjusting Screw Nut
1590	Drill Height Adjusting Screw	*1910	Spindle Post
1591	Drill Spindle Bearing	1911	Spindle Bushing Clamp Bushing
1597	Drill Spindle Bearing Sleeve	1912	Spindle Gear
1598	Drill Spindle Bearing Retainer	1913	Pulley Gear
1599	Clamp Bushing Screw	1914	Driving Pulley Bushing
†1635	Spindle Driving Pulley	1915	Pulley Gear Stud
1653	Spindle Post Clamp Bolt	1916	Pulley Stud Bracket
†1880	Countershaft Pulley	1917	Gear Guard
†1881	Attachment Belt Oil Guard	1920	Brake Adjusting Screw Check Nut
1891	Bushing Blank	1928	Brake Adjusting Screw Washer
1905	Spindle Brake Band	1929	Brake Adjusting Screw Pin
1906	Spindle Brake Band Pin	†1930	Pulley Stud Washer

Turret Drilling, Tap or Die Revolving, and
Combination Drilling & Tapping Attachments

†1635	Driving Pulley	1894	Turret Tool Guard
†1880	Countershaft Pulley	1895	Tap Spindle
†1881	Attachment Belt Oil Guard	1896	Tap Spindle Driving Bushing
†1882	Driving Shaft Nut	*1897	Tap Spindle Holder
1883	Pinion Washer	1898	Tap Spindle Gear
1884	Drill Spindle Pin Washer	1899	Tap Spindle Spring
†1885	Driving Shaft	1900	Tap Spindle Pin
1886	Thrust Washer	1901	Die Adapter
1887	Pinion	1902	5/8 Die Cap
*1888	Drill Spindle	1941	Tap Spindle Nut
1889	Spindle Holder	1942	Tap Spindle Washer
1890	Drill Spindle Bearing	1943	Tap Spindle Wrench
1891	Bushing Blank	1944	Die Cap Wrench
1892	Drill Spindle Wrench	1945	Pin Wrench
1893	Oil Hole Cover		

* Size of attachment stamped on this part.

†Overhead driven only.



Motor Drives for Cross Drilling and Turret Drilling Attachments

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Motor Drives for Cross Drilling and Turret Drilling Attachments

3217	Attachment Driving Motor Stand Bracket	3221	Turret Driving Shaft Coupling
3218	Attachment Driving Motor Bracket Washer	3222	Turret Driving Shaft Coupling Spring
3219	Motor Shaft Coupling	3223	Set Screw Wrench
3220	Motor Shaft Intermediate Coupling	3224	Turret and Cross Drilling Driving Shaft

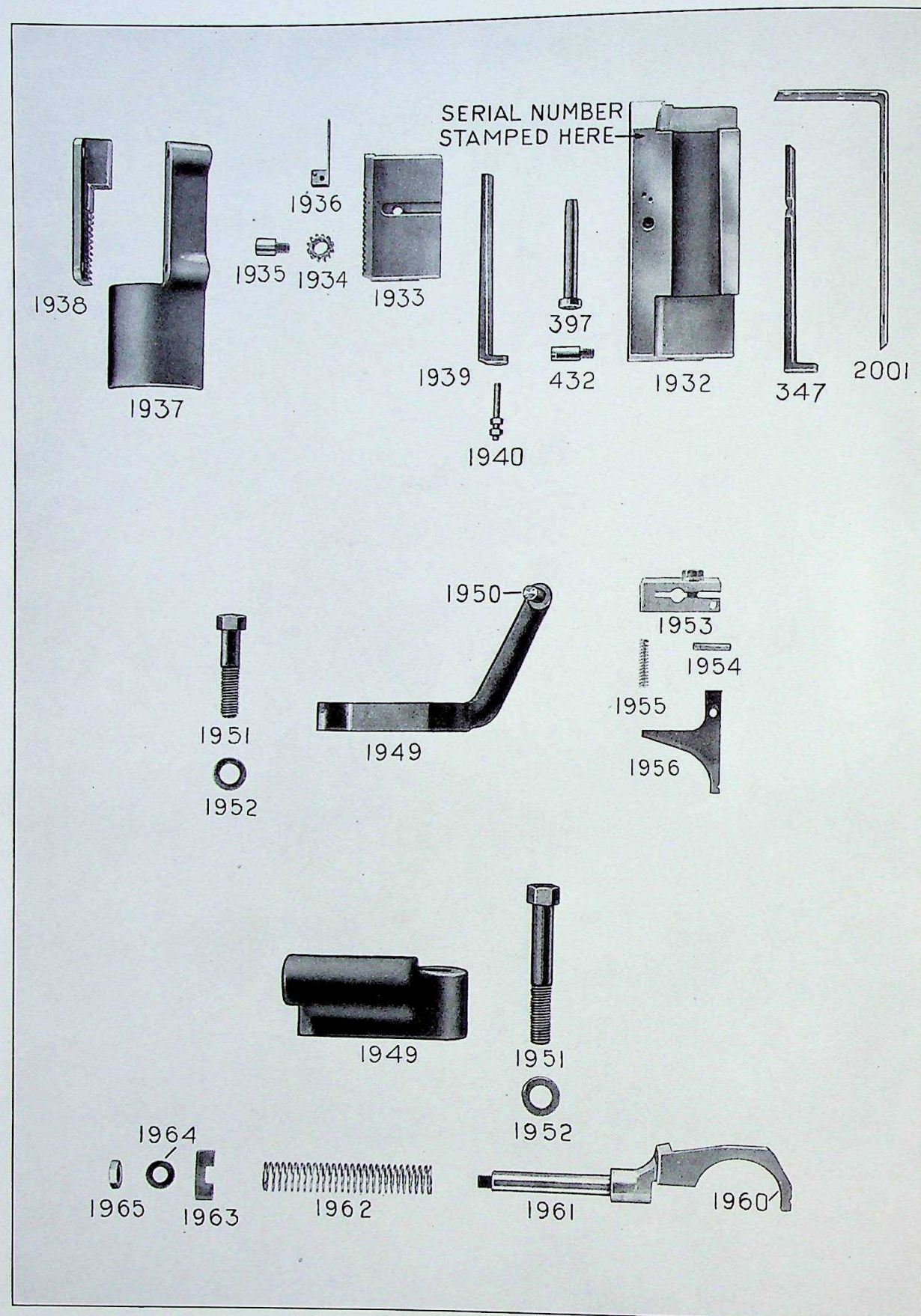
Motor Drive for Cross Drilling Attachment

*3225	Cross Drilling Motor Gear Case	3233	Cross Drilling Driven Gear Washer
3226	Cross Drilling Motor Gear Case Screw	3234	Cross Drilling Driven Gear Bushing
3227	Cross Drilling Gear Case Cap	3235	Cross Drilling Driven Gear Collar
3228	Cross Drilling Driving Shaft	3236	Cross Drilling Adapter Shaft
3229	Cross Drilling Driving Shaft Spacer	3237	Cross Drilling Adapter Shaft Extension
3230	Cross Drilling Driving Gear	3238	Cross Drilling Adapter Shaft Extension Rivet
3231	Cross Drilling Driving Gear Bushing		
3232	Cross Drilling Driven Gear		

Motor Drive for Turret Drilling Attachment

*3239	Turret Attachment Motor Gear Case	3249	Turret Drilling Driven Gear
3240	Turret Attachment Motor Gear Case Screw	3250	Turret Drilling Driven Gear Bushing
3241	Turret Drilling Bearing Retainer	3251	Turret Motor Gear Case Lock Screw
3242	Turret Drilling Driving Shaft	3252	Turret Drilling Gear Case Support
3243	Turret Driving Shaft Bushing	3253	Gear Case Support Screw
3244	Turret Driving Shaft Collar	3254	Turret Drilling Gear Case Sleeve
3245	Turret Drilling Bearing Sleeve	3255	Turret Drilling Driven Shaft
3246	Motor Gear Case Ball Bearing	3256	Turret Drilling Driving Shaft Washer
3247	Turret Drilling Driving Gear	3257	Turret Drilling Driving Shaft Screw
3248	Motor Gear Case Ball Bearing	3258	Bevel Gear Guard

* Serial number of attachment stamped on this part.



Double Movement Cross Slide and Slabbing Holders

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Double Movement Cross Slide

347	Cross Slide Gib, Front
397	Cross Slide Spring Plunger
432	Cross Slide Spring Plunger Screw
1932	Bottom Cross Slide, Front
1933	Top Cross Slide, Front
1934	Pinion
1935	Pinion Stud
1936	Pinion Guard, Lower
1937	Rack and Pinion Guard
1938	Ledge Rack
1939	Top Cross Slide Gib
1940	Top Gib Adjusting Screw
2001	Cross Slide Guard, Front

Slabbing Holder

Nos. 00 and 0 Machines

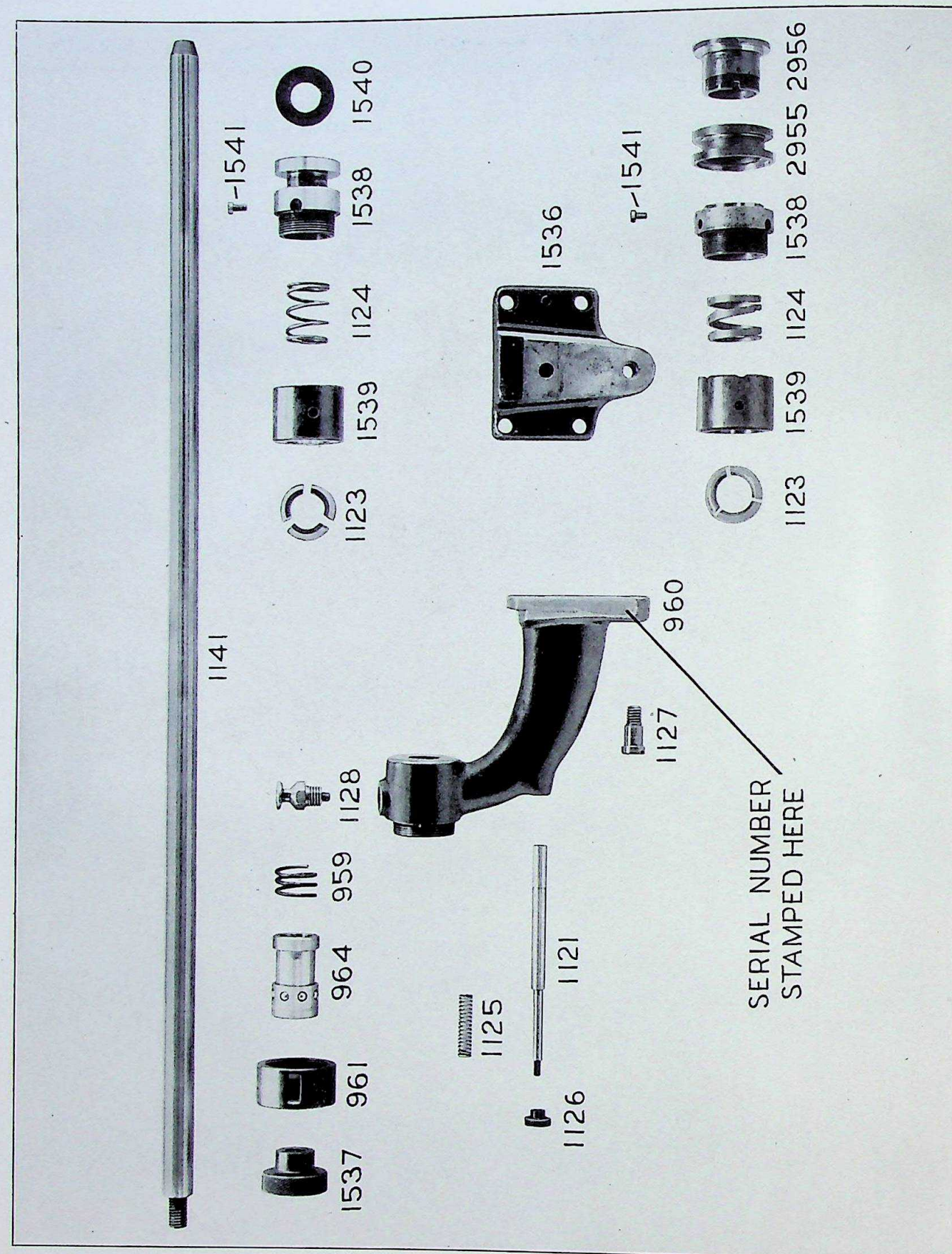
*1949	Bracket
1950	Head Pivot
1951	Bracket Bolt
1952	Bracket Bolt Washer
1953	Head
1954	Finger Blank Pivot
1955	Finger Blank Spring
1956	Finger Blank

Slabbing Holder

No. 2 Machines

*1949	Bracket
1951	Bracket Bolt
1952	Bracket Bolt Washer
1960	Work Support
1961	Plunger
1962	Plunger Spring
1963	Plunger Key
1964	Plunger Washer
1965	Plunger Nut

* Size of attachment stamped on this part.



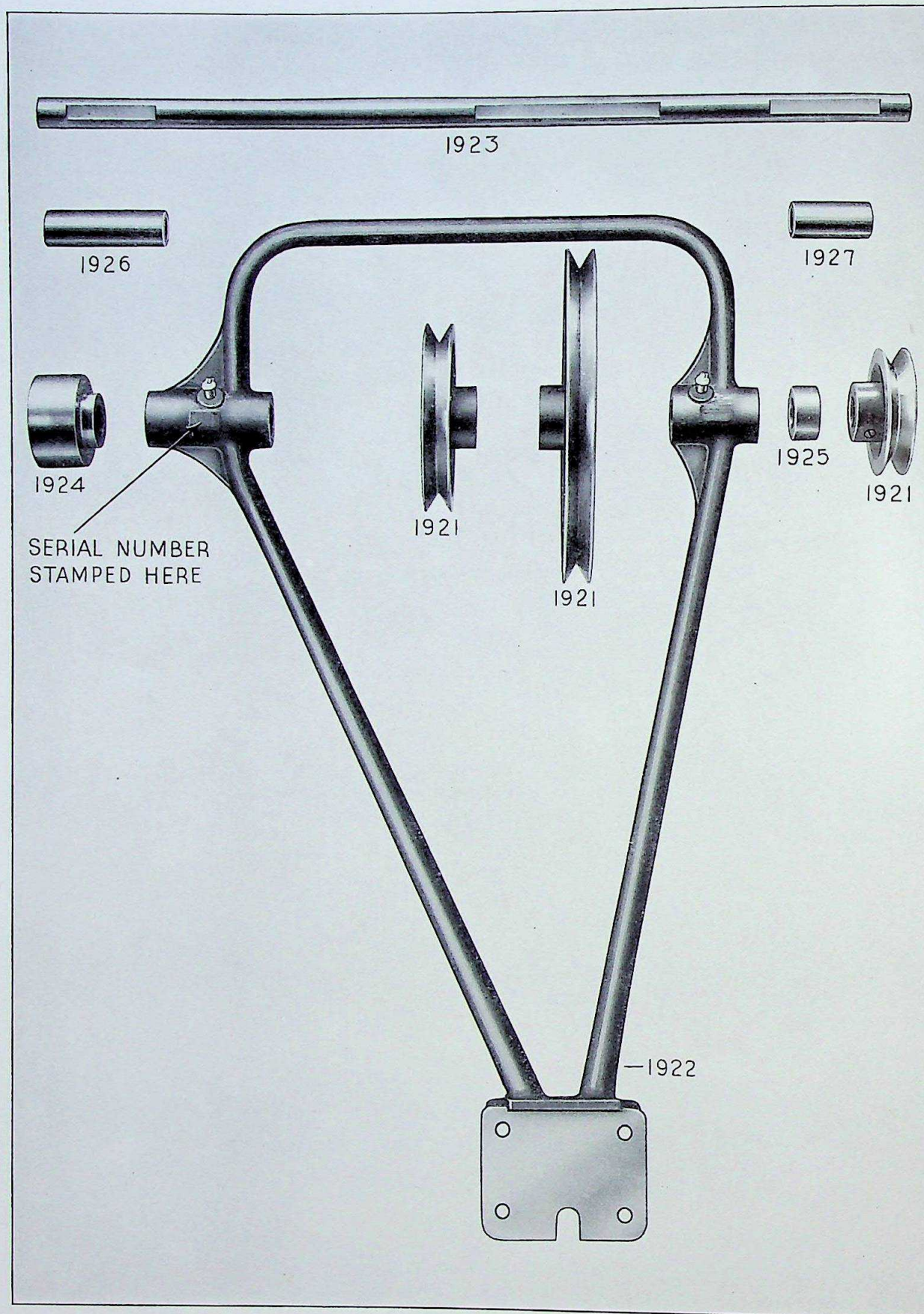
Outside Feeding Attachment

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Outside Feeding Attachment

- 959 Feed Bracket Spring
- 960 Feed Bracket
- 961 Ball Thrust Nut
- 964 Feed Ball Retainer
- 1121 Feed Bracket Locking Pin
- *1123 Master Feeding Finger Pads
- *1124 Master Feeding Finger Pads Spring
- 1125 Feed Bracket Locking Pin Spring
- 1126 Feed Bracket Locking Pin Knob
- 1127 Feed Bracket Pivot Screw
- 1128 Feed Bracket Plunger
- 1141 Feed Rod
- 1536 Feed Bracket Support
- 1537 Feed Rod Handle
- *1538 Master Feeding Finger Holder
- *1539 Master Feeding Finger Cap
- *1540 Master Feeding Finger Holder Washer
- *1541 Master Feeding Finger Lock Screw
- 2955 Master Feeding Finger Latch Sleeve
- 2956 Master Feeding Finger Collar

*State whether for Plain or Ball Bearing Type.



Attachment Driving Stand

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Attachment Driving Stand

- 1921 Attachment Driving Pulley (Specify Diameter)
- 1922 Attachment Driving Bracket
- 1923 Attachment Driving Shaft
- 1924 Attachment Driving Shaft Pulley
- 1925 Attachment Driving Shaft Collar
- 1926 Attachment Driving Bracket Bushing, Long
- 1927 Attachment Driving Bracket Bushing, Short



Silent Stock Supports

When ordering parts, state the size, style and serial number (if any) of the attachment in addition to the part number and name.

Silent Stock Supports

- 3477 Jacket Lining (Felt)
- 3488 Stock Pipe
- 3489 Stock Pipe Guide Cap
- 3490 Silent Stock Support
- 3491 Supporting Pipe
- *3492 Jacket
- 3497 Supporting Pipe Cap
- 3498 Stock Support Yoke, Left
- 3499 Stock Support Yoke, Right
- 3500 Stock Support Latch
- 3501 Stock Support Latch Holder
- 3502 Stock Support Yoke Stud
- 3503 Stock Support Yoke Rod
- †3504 Silent Stock Support
- †3505 Stock Support Yoke Bar
- †3506 Arm Clamp Lever
- †3507 Arm Clamp Lever Screw
- †3508 Stock Hook, Front
- †3509 Stock Hook, Front, Washer

†For No. 2G Machines with 1½" Capacity Spindle.

*Serial Number Stamped on This Part.

