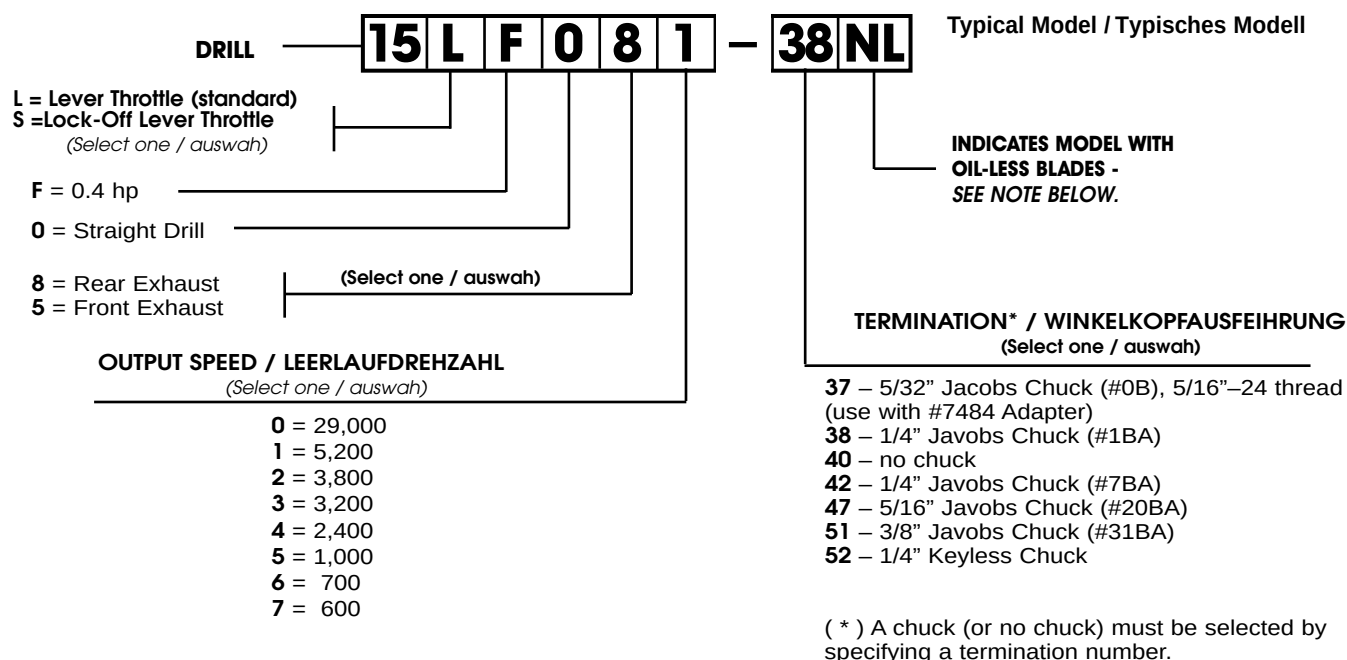


DOTCO®

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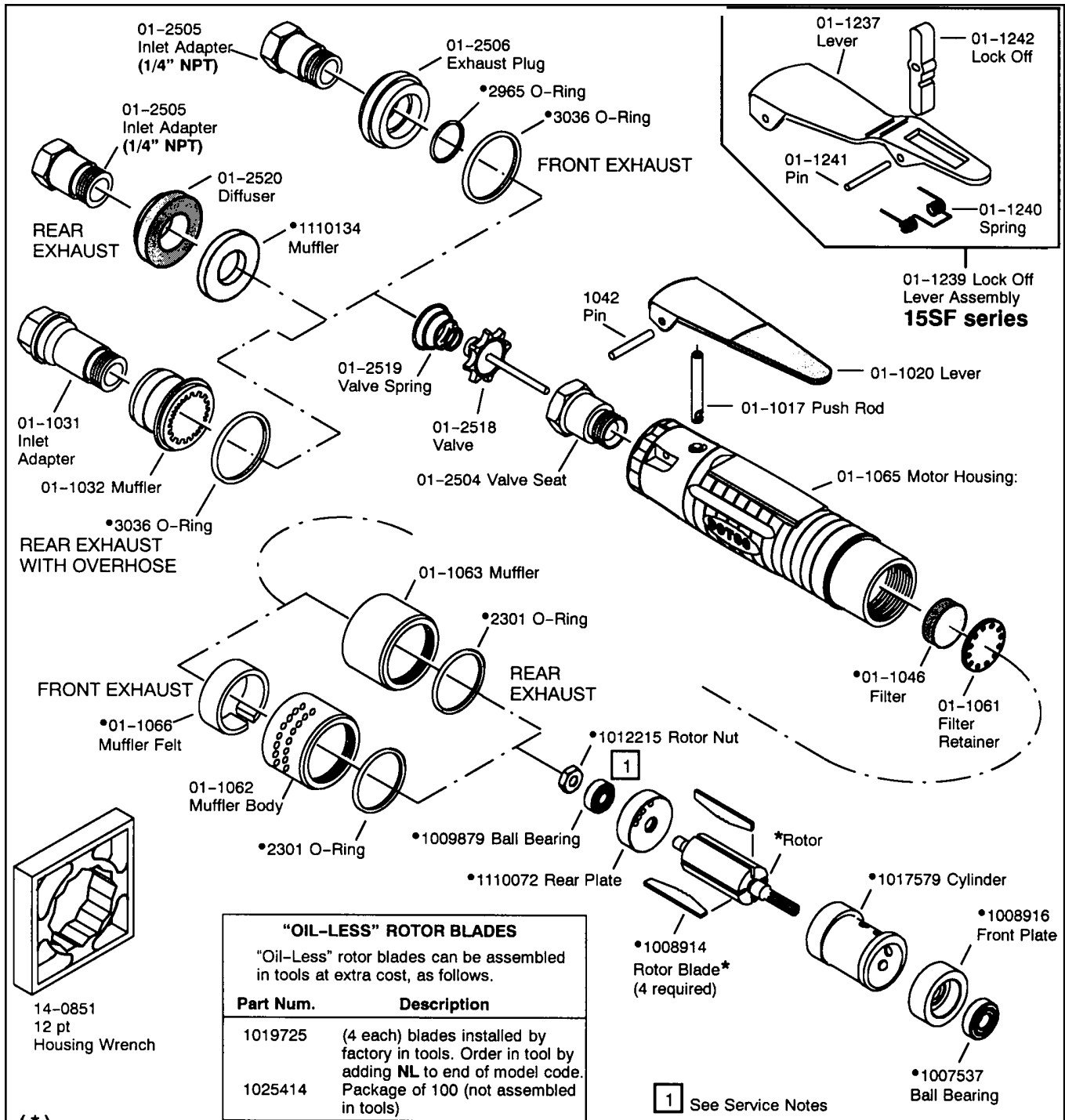
Model: **15LF0..**

0.4 hp ERGO Straight Drills



For additional product information visit our web site at <http://www.coopertools.com>

DOTCO **15LF0.. & 15SF0.. Series Straight Drills**



PART NAME	15LF050 15LF080	15LF051 15LF081	15LF052 15LF082	15LF053 15LF083	15LF054 15LF084	15LF055 15LF085	15LF056 15LF086	15LF057 15LF087
Rotor (num. teeth)	1110122 (9T)	1015872 (9T)	1017518 (7T)	1017517 (6T)	1017516 (5T)	1015872 (9T)	1017518 (7T)	1017517 (6T)
Motor Assembly (complete)	1025618	1025550	1025554	1025552	1025556	1025550	1025554	1025552

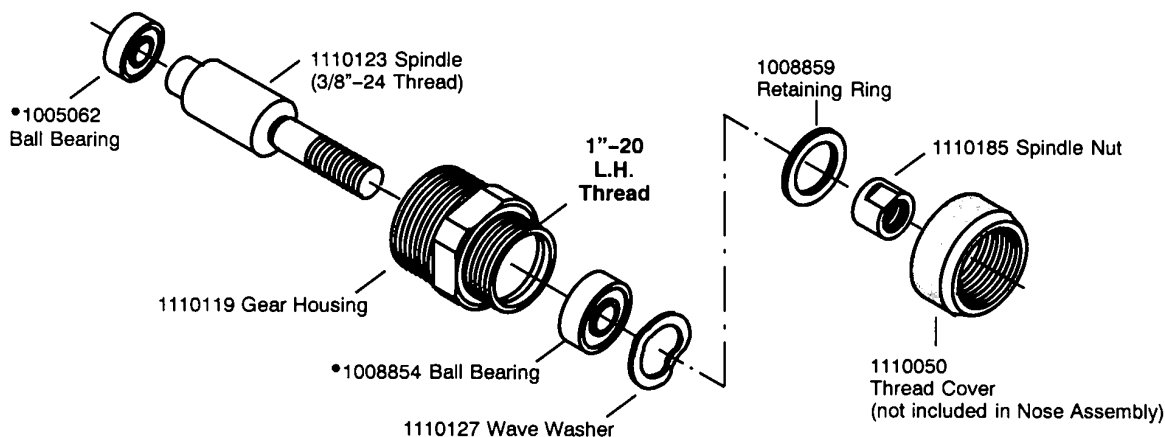
(T) Teeth • Zähne • Dents • Dientes • Denti

(*) Indicates recommended spare part. Order one (1) or one set for every 6-10 tools. Small, easily lost or low cost parts should also be ordered on the basis of 3-4 per 10 tools.

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Speed Code "0" (29,000 rpm)

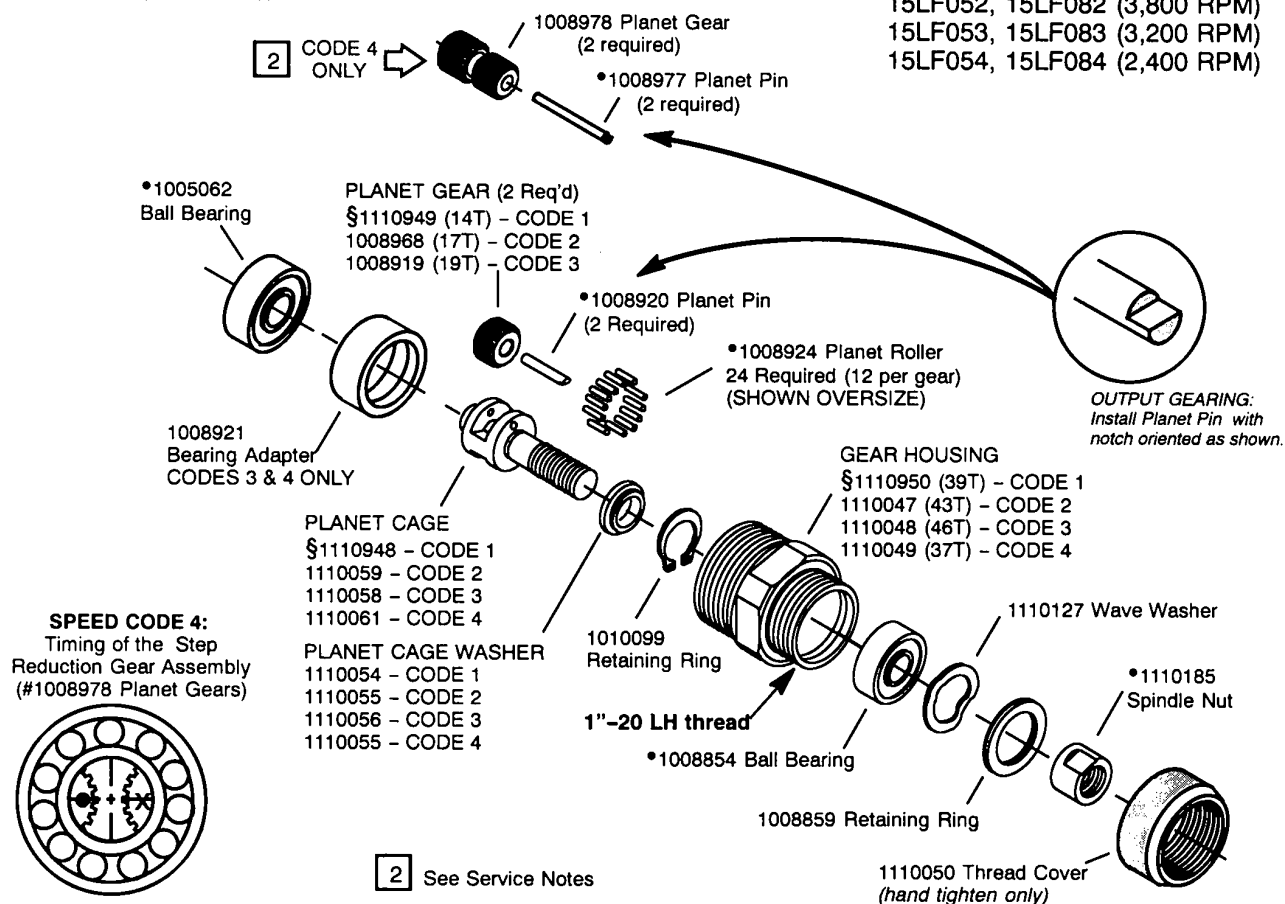
**Models: 15LF050-xx
15LF080-xx**



(§) 15CF(L/S)91 Revision "B" change: parts are interchangeable in sets only. Requires (2) planet gears, (1) planet cage & (1) gear housing as marked by (§) to update Model 15CF()91 to 15CF()91 Revision "B".

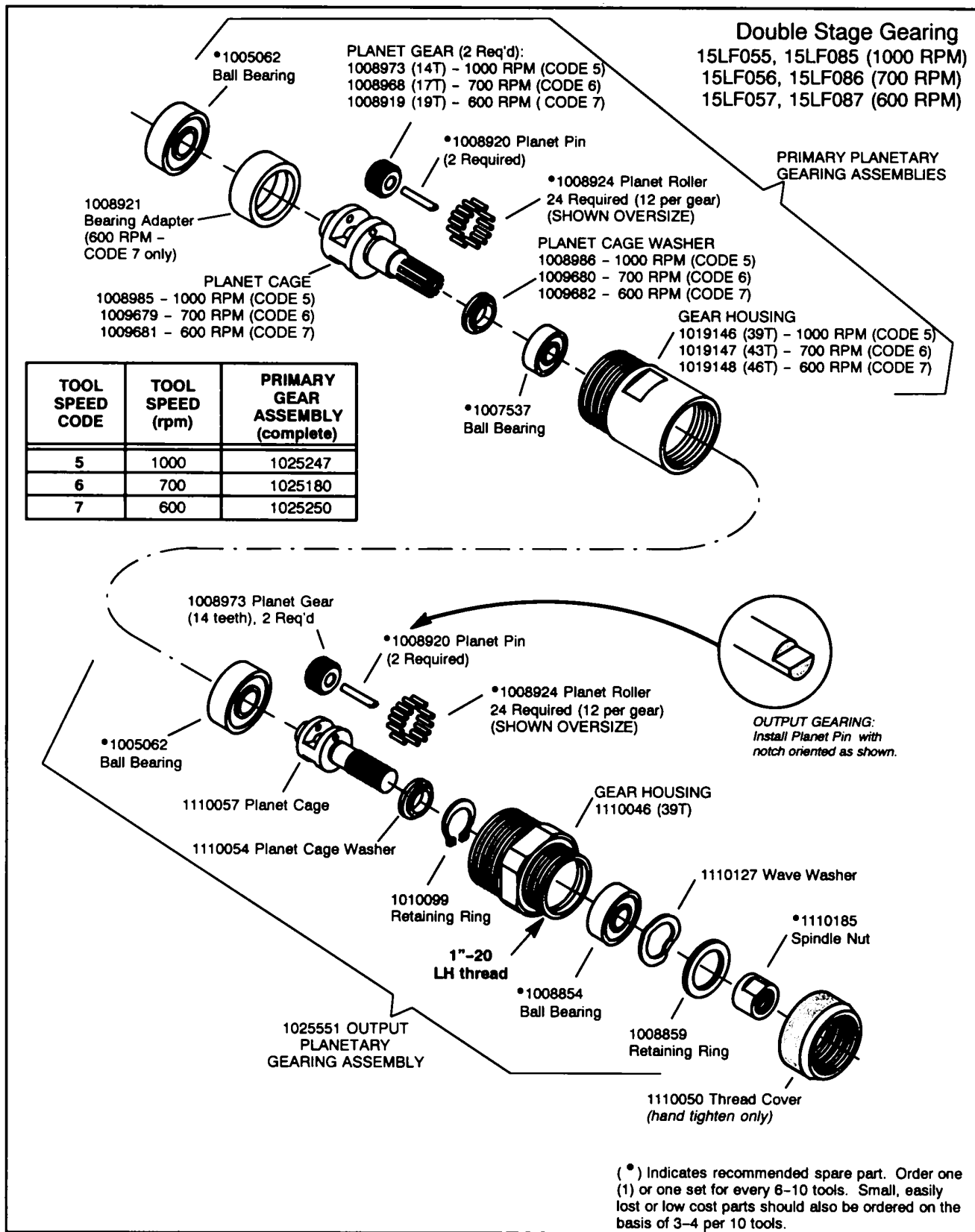
Output Planetary Gearing SINGLE STAGE:

\$15LF051, 15LF081 (5,200 RPM)
15LF052, 15LF082 (3,800 RPM)
15LF053, 15LF083 (3,200 RPM)
15LF054, 15LF084 (2,400 RPM)



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15LF0.. & 15SF0.. Series Straight Drills

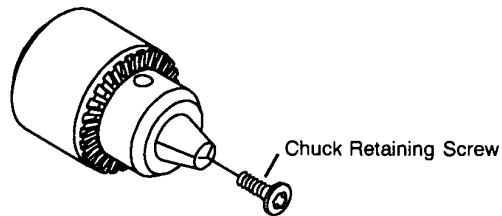


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15LF0.. & 15SF0.. Series Straight Drills

Drill Chuck Options

Terminations 37, 38, 42, 47, 51

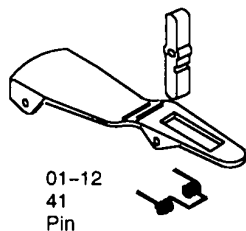
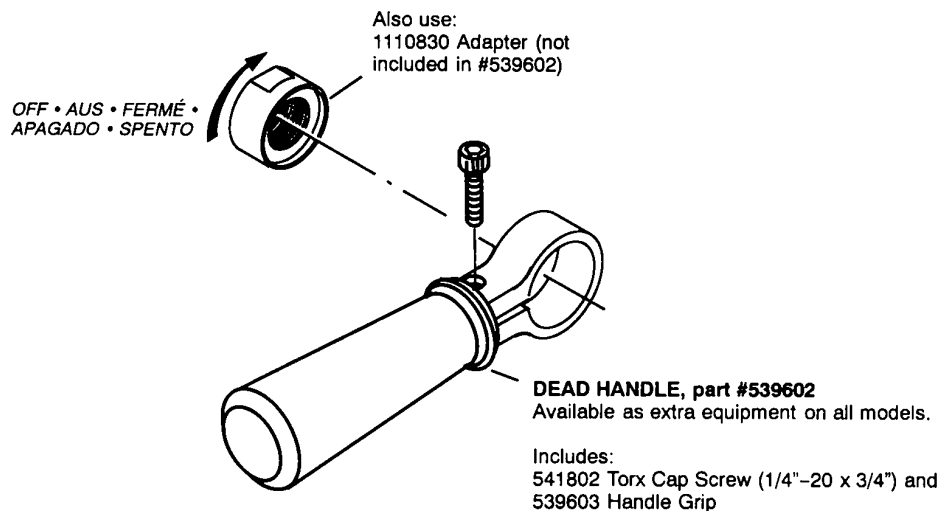


Drill Chuck Options, includes:

Termination Number	Chuck Part Number	Chuck Capacity	Thread Mount	Spindle Wrench	Chuck Retaining Screw (special)	Jacobs Description
-37*	#1011504 (w/1006319 Chuck Key)	0 - 5/32"	5/16"-24	#1014471	—	#0B (smooth sleeve)
-38	#1005078 (w/1005079 Chuck Key)	0 - 1/4"	3/8"-24	#1014471	#7095	#1BA (smooth sleeve)
-42	#1001505 (w/1005023 Chuck Key)	0 - 1/4"	3/8"-24	#1014471	#7095	#7BA (fluted sleeve)
-47	#863420 (w/Jacobs #KG Chuck Key)	0 - 5/16"	3/8"-24	#1014471	#7095	#20BA (fluted sleeve)
-51	#1001252 (w/1006375 Chuck Key)	0 - 3/8"	3/8"-24	#1014471	#1110366	#41BA (smooth sleeve)

(*) Use with #7484 Adapter (5/16" to 3/8" thread)

Optional #530602 Dead Handle (extra cost):

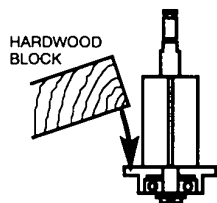


15LF SERVICE NOTICE

1

Begin tightening rotor nut without over-tightening to avoid damaging the ball bearing. Alternately spin the rotor while tightening until clearance is judged to be proper—**about 0.001" clearance.**

Hold the rotor/rear plate assembly vertically (plate downward) and strike the edge of the plate with a wood block.



2

SPEED CODE "4" ONLY: Timing of the Step Reduction Gear Assembly:

Assemble the planet gears into the planet cage, making sure the notched planet pins fit over the planet cage washer. Rotate each gear until the aligning hole — on the end of one gear — is diametrically opposite the "X" mark of the other gear. Hold the gears in this position and slip the planet cage into the internal gear. It's important to avoid "wiping out" the gear teeth.

This is the only position where the gear teeth are lined up.

