Ratcheting 7 in 1 Screw Driver Kit

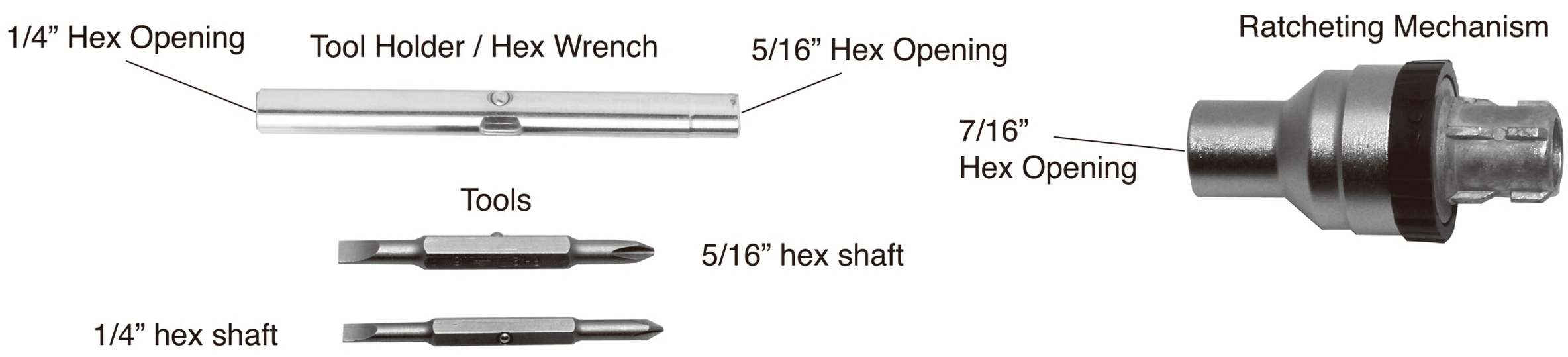
KIT Includes:

- Reversible ratcheting mechanism
- 2 sided tool holder w/ hex drives 1/4” & 5/16
- Additional 7/16” hex drive
- 1 each flat head and philips head drives 5/16” & 1/4”

Required Accessories:

- 4 Prong or Super Drive Center
- 60º Heavy Duty Live Center
- 7/16” Drill Bit
- 3/4” Forstner Bit
- 2 Part epoxy glue
- Wood Required: 1-1/2” sq x 5-1/2” Long

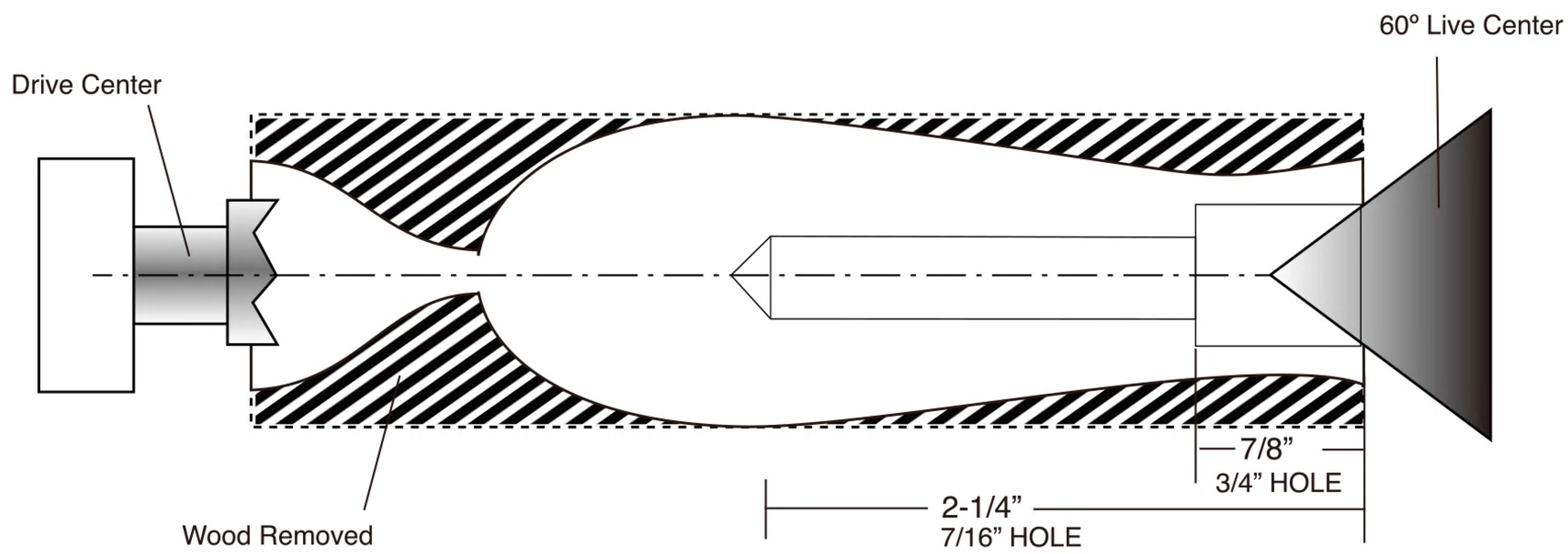
DIAGRAM A / PARTS LAYOUT



Preparing the Blank: (see diagram B)

- Mark the center of each blank on both ends.
- Drill a 3/4” hole in one side. 7/8” Deep.
- Continue with a 7/16” hole for a total depth of 2-1/4”. See diagram A
- Drill a pilot hole at the opposite side of the blank.

DIAGRAM B / TURNING THE BLANKS



Turning the Blank

- Mount the blank between a drive center and a 60º live center. Lock in place.
- Turn to the handle profile of your choice.
- Leave a small bridge to keep the wood together for finishing.
- Sand and finish the wood with industrial finishing oil.
- Part the wood, sand and finish the space manually.

Assembly

- Mix epoxy glue. Apply glue liberally into the opening of the 3/4” hole. Carefull, avoid glue from getting in the smaller inside hole and on the black ratchet rim.
- Insert the base of the mechanism into the hole to bottom and let dry.

Operating the screw driver

- Follow the arrow marks on the outter ratchet. Turn the arrow counter clockwise to drive a screw in. Turn the arrow clockwise to drive a screw out with ratchet engaged. Set in the middle to disengage the ratchet completely.
- To change to another driver style of the same size, pull and reverse the driver. To change to another size, pull the tool holder out, reverse and select the required driver style.