

Plates are manufactured from the highest quality stress-relieved cast iron, which retains its flatness after repeated use. These Castings are surface-ground both top and bottom to precision, commercial tolerances. Central Clamping Studs are mounted in Eccentrics, which allow adjustment to the head bolt center distance to accommodate any head. This eliminates the need for having multiple holes drilled and tapped in the plate with the possibility of the threads stripping from constant use. Stainless steel Studs, Nuts and Washers are supplied for their superior heat resistance.



Cylinder Head Intake Drilling Fixtures



BHJ's Vortec and Magnum Cylinder Head Intake Drilling Fixtures allow quick and accurate drilling and tapping of Chevrolet Vortec and Mopar Magnum heads. Finished heads allow installation of a standard S.B. Chevrolet intake manifold onto Vortec heads, or the "LA" Mopar intake manifold to be installed onto Magnum heads. The

operation can be done on a bench top in 30 minutes or less using a hand-held drill.

Both Drilling Fixtures include one precision-manufactured Fixture Plate with interchangeable Drill and Tap Guide Bushings, a 5/16" Drill, a 3/8"-16 Tap and necessary Mounting Hardware. Only a 3/8" hand drill and a tap handle are necessary to complete the job.



Heads

Intake Angle Gauges



BHJ's Intake Angle Gauges help identify and resolve issues resulting from incorrectly machined engine components. Cylinder heads, blocks and intake manifolds, or any combination thereof, if not properly machined, can lead to intake leaks. These Gauges expose errors in these critical areas before further machining or assembly is conducted.

The precision-machined Gauges are designed to rest on an assembled block and heads (left), or the underside of an intake manifold (below). Checking for an air-gap either visually or

with a feeler gauge verifies the correct angles, leading to a proper seal.

Manufactured from aluminum alloy and hard anodized for durability, these Gauges are available individually or in Kit form for four different head/block applications: 80 degrees for 23-degree S.B. Chevy and B.B. Mopar, 85 degrees for 18-degree S.B. Chevy, 87 degrees for 48-degree S.B. Mopar and 90 degrees for B.B. Chevy and S.B. Ford.



Angle Milling Set-Up Blocks

BHJ's Angle Milling Set-Up Blocks will increase productivity for any machinist who uses a level to set up cylinder heads for angle milling. The four Blocks can be used with a dial indicator or precision level (not included) to simplify and improve accuracy in the set-up process.



The Kit includes four precision-machined, aluminum Set-Up Blocks. Each Block is numbered 1, 2, 3 and 4 to correspond with a stock removal value, which is designated in the Instruction Sheet supplied with the Kit. The Blocks can be used separately or stacked together, giving the ability to rapidly and accurately set-up any cylinder head for practically any desired cutting angle.