



LS1 CNC Cylinder Head Aluminum

Part Number:	11071040 - 11071143
Comb Chambers:	68cc (6.0 liter)
Intake Valve Dia:	2.08
Intake Port volume:	250cc
Intake Port Dim:	1.065 wide x 3.245 tall
Intake Port Location:	stock
Intake Gasket:	OE or Fel Pro
Exh Valve Dia.:	1.600
Exh Port volume:	94cc
Exhaust Port Dim:	1.710 wide x 1.430 tall
Exh Port Location:	stock
Exhaust Gasket:	OE or Fel Pro 1438
Flow, Intake:	322cfm @ .600 lift
Flow, Exhaust:	240cfm @ .600 lift
Manifold:	Any aftermarket LS
manifold Milling:	.005=1cc
Push Rod length:	standard
Push rod Guide Plate:	N/A
Retainers:	Titanium
Spark Plug:	Autolite AR3935
Spring Locators:	1.300 O.D.
Spring Pockets:	1.350 diameter
Springs:	1.290 Beehive 120@1.800 1.295 Dual 140@1.800
Valve Length:	Standard
Valve Stem Dia:	8mm
Valve Train:	OE (modification required, trim off tabs on stock rocker bar) or any aftermarket system
Valve Guides:	.439" O.D.
Valve Guide length:	2.100"
Valve Guide clearance:	.0015"-.002"
Valve Guide Spacing:	Standard
Valve Seats:	Powder metal
Valve Seat dim:	Intake 2.160 O.D. .350 deep Exhaust 1.650 O.D. .350 deep
Valve Seat angles:	Intake 32°-45°-60°-70°-80° Exhaust 37°-45°-radius
Stud Girdle:	N/A
Torque:	OE specs.
Weight:	23lbs. Bare 26lbs. Assembled
Block Use:	LS style

9/19/2007