



11 degree Little Chief SBC Aluminum Cylinder Head

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| Part# | 14672050 – 14873176 |
| Material: | 355-T61 alum alloy |
| Comb Chambers: | 34cc thru 50cc |
| Intake Valve Dia: | Sm port - 2.180” Lg & X-large port – 2.230” |
| Intake Port volume: | 275cc - Small 315cc – Large 330cc – X-large |
| Intake Port Dim: | 275cc=2.200”x 1.310” / 315cc=2.270”x 1.410” / 330cc=2.350”x 1.500” |
| Int Port Location: | Raised, 2.000” from deck (asymmetrical) |
| Intake Gasket: | Dart# 65127101 - .060” 65127201 - .120” |
| Exh Valve Dia.: | 1.550” X-large – 1.575” |
| Exh Port volume: | 111cc X-large – 115cc |
| Exhaust Port Dim: | 1.740”w x 1.490”h X-large = 1.850” x 1.560”h |
| Exh Port Location: | Raised, 2.900” from deck (symmetrical) |
| Exhaust Gasket: | Dart# 65226000 - 1.750” 65226100 - 2.125” |
| Flow, Intake: | 275cc = 388 cfm 315cc = 411 cfm @ .900 lift / 28” (Super Flow 1020) Note: Flow numbers will be 15-20cfm higher on Super Flow 600) |
| Flow, Exhaust: | 276 cfm @ .900 lift / 28” |
| Fuel Injection: | Can be ordered with nozzle bosses |
| Manifold: | Dart Alum, individual runners 4150 or 4500 8 ½” tall (STD deck) |
| Milling: | 34cc = .095” |
| Pistons: | Custom aftermarket pistons. |
| Push Rod: | Clearance for 3/8 dia. |
| Retainers: | Titanium (10 deg) |
| Spark Plug: | .750” reach, gasketed. Autolite AR3932 |
| Spring Cups: | 1.625 x .035 |
| Spring Pockets | 1.740” OD” |
| Springs: | 1.625 Triple w/cup max installed ht = 2.150+ (.950” lift) |
| Studs, head: | Dart # (Iron block) 66110013 Dart PN# (Alum Block) 66110023 |
| Valve Angles: | Int = 11° x 4° Exh = 6° x 4° |
| Valve Length: | Int – 6.000” Exh – 5.750” .250” tip |
| Valve Stem Dia: | .3110 “- 5/16” or 11/32” |
| Valve Train: | Jesel with individual stands |
| Valve Guides: | 1/2” OD Mag - bronze Cut for 530” PC seals (.002” press) |
| Valve Guide length: | 2.450” |
| Valve Guide clearance: | .0014” - .0020” (with our .3110” dia. valve stem) |
| Valve Seats: | Copper-beryllium .006” press |
| Valve Seat dim. | Int. – 2.300” x 2.150” x .400” Exh – 1.650” x 1.400” x .400” |
| Valve Seat angles: | 275cc = 50° 315cc = 55° Ex = 55° |
| Valve Cover Gasket | Dart# 65326000 |
| Torque: | Head Studs = 70 ft/lb (3/8”= 55 ft/lb) Manifold = 35 ft/lb |
| Block Use: | Special Dart Iron Eagle or Aluminum w/relocated lifter bores. Lifter angles, Int - 43° Exh - 46° |
| Weight: | 28 lbs bare – 35 lbs assembled |