



## Platinum 215 SBC 23° Aluminum Cylinder Head

|                               |                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part#</b>                  | 11510010P thru 11620040P                                                                                                                                |
| <b>Material:</b>              | 355T6 alum alloy                                                                                                                                        |
| <b>Comb Chambers:</b>         | 64cc & 72cc                                                                                                                                             |
| <b>Intake Valve Dia:</b>      | 2.05"                                                                                                                                                   |
| <b>Intake Port volume:</b>    | 215cc                                                                                                                                                   |
| <b>Intake Port Dim:</b>       | 2.150" x 1.190"                                                                                                                                         |
| <b>Int Port Location:</b>     | Stock                                                                                                                                                   |
| <b>Intake Gasket:</b>         | Fel-Pro# 1206                                                                                                                                           |
| <b>Exh Valve Dia.:</b>        | 1.600"                                                                                                                                                  |
| <b>Exh Port volume:</b>       | 75cc                                                                                                                                                    |
| <b>Exhaust Port Dim:</b>      | 1.375" x 1.325" w                                                                                                                                       |
| <b>Exh Port Location:</b>     | Stock location & bolt pattern                                                                                                                           |
| <b>Exhaust Gasket:</b>        | Fel-Pro# 1404 or 1405                                                                                                                                   |
| <b>Flow, Intake:</b>          | 276cfm @ .600" lift / 28"                                                                                                                               |
| <b>Flow, Exhaust:</b>         | 180cfm @ .600" lift / 28"                                                                                                                               |
| <b>Head Bolts:</b>            | Stock bolts can be used. We recommend ARP# 134-3601                                                                                                     |
| <b>Head Studs:</b>            | ARP# 134-4001 or 234-4301 (12pt)                                                                                                                        |
| <b>Manifold:</b>              | Alum Single Plane Dart (opening - 1.100"x 2.000") 5.500" tall                                                                                           |
| <b>Milling:</b>               | Min. 58cc = .060" (.0065" = 1cc) Flat Mill<br>Angle mill .125" safely / .200" = 49cc 1.5° (carefully)                                                   |
| <b>Pistons:</b>               | Most 23° aftermarket pistons.                                                                                                                           |
| <b>Push Rod length:</b>       | Stock thru +.100" Should always measure (Stock length = 7.800")                                                                                         |
| <b>Push rod Guide Plate:</b>  | Dart guide plate 27001110                                                                                                                               |
| <b>Retainers:</b>             | Steel (10°) / 1.250" (7°)                                                                                                                               |
| <b>Spark Plug:</b>            | Angle or straight, .750" reach, gasketed, Autolite AR3933                                                                                               |
| <b>Spring Pockets:</b>        | 1.550" OD (.030" deeper max)                                                                                                                            |
| <b>Springs:</b>               | Our Assembly: 1.250S = 110# @ 1.700" / .520" max Comp 981<br>1.437D = 130# @ 1.800" / .620" max Comp 987<br>1.550D = 195# @ 1.900" / .690" max Comp 954 |
| <b>Valve Length:</b>          | Std 4.935" w/ 1.250 & 1.437 / 5.035" (+.100) w/ 1.550                                                                                                   |
| <b>Valve Stem Dia:</b>        | .3415" - 11/32"                                                                                                                                         |
| <b>Valve Train:</b>           | Std SBC 3/8" or 7/16" stud mount                                                                                                                        |
| <b>Valve Guides:</b>          | 1/2" OD Int = Mag-bronze Exh = Mag-bronze (.002" press)                                                                                                 |
| <b>Valve Guide length:</b>    | 2.100"                                                                                                                                                  |
| <b>Valve Guide clearance:</b> | .0014" - .002" (with our .3415 dia. valve stem)                                                                                                         |
| <b>Valve Guide Spacing:</b>   | 1.890" exhaust moved .030" from intake                                                                                                                  |
| <b>Valve Seats:</b>           | Powder metal, .006" press                                                                                                                               |
| <b>Valve Seat dim.</b>        | Int - 2.160"x 1.810" x .350" Exh - 1.650"x 1.350" x .350"                                                                                               |
| <b>Valve Seat angles:</b>     | Int = 32° - 45° - 60° - 70°-80° Exh = 37° - 45° - radius                                                                                                |
| <b>Stud Girdle:</b>           | Retains standard SBC stud location. Recommended Dart PN # 64110002                                                                                      |
| <b>Torque:</b>                | Head Bolts = 70 ft/lb<br>Rocker Studs = 45 ft/lb<br>Manifold = 35 ft/lb                                                                                 |
| <b>Block Use:</b>             | Any SBC Iron or Aluminum                                                                                                                                |
| <b>Weight:</b>                | 23 lbs                                                                                                                                                  |