

**Dart**  **Platinum 200 SBC 23° Aluminum Cylinder Head**

<b>Part#</b>	11310000P thru 11420000P
<b>Material:</b>	355-T61 Aluminum
<b>Comb Chambers:</b>	64cc & 72cc
<b>Intake Valve Dia:</b>	2.02"
<b>Intake Port volume:</b>	200cc
<b>Intake Port Dim:</b>	1.195"w x 2.095"h
<b>Int Port Location:</b>	Stock
<b>Intake Gasket:</b>	Fel-Pro# 1205 Mr. Gasket 106
<b>Exh Valve Dia.:</b>	1.600"
<b>Exh Port volume:</b>	75cc
<b>Exhaust Port Dim:</b>	1.410"w x 1.350"t
<b>Exh Port Location:</b>	Stock location & bolt pattern
<b>Exhaust Gasket:</b>	Fel-Pro# 1404 Mr. Gasket 150c or Ultra Seal 5900
<b>Flow, Intake:</b>	264cfm @ .500" 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>	Dart dual plane 42811000 or Dart single plane 42411000 with 4150 carb
<b>Milling:</b>	Min. 58cc = .060" (.0065" = 1cc) Flat Mill 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 1.437D = 130# @ 1.800" / .620" max Comp 987 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 Rocker Studs = 45 ft/lb Manifold = 35 ft/lb
<b>Block Use:</b>	Any SBC Iron or Aluminum
<b>Weight:</b>	23 lbs