



Platinum 180 SBC 23° Aluminum Cylinder Head

Part#	11110000P thru 11220000P
Material:	355T6 alum alloy
Comb Chambers:	64cc & 72cc
Intake Valve Dia:	2.02"
Intake Port volume:	180cc
Intake Port Dim:	1.190"w x 2.075"h
Int Port Location:	Stock
Intake Gasket:	Fel-Pro# 1205 Mr. Gasket 106
Exh Valve Dia.:	1.600"
Exh Port volume:	75cc
Exhaust Port Dim:	1.410"w x 1.350"t
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro# 1404 Mr. Gasket 150c or Ultra Seal 5900
Flow, Intake:	257 cfm @ .500" lift / 28"
Flow, Exhaust:	172 cfm @ .500" lift / 28"
Head Bolts:	ARP# 134-3601 or can also use o.e. style bolts.
Head Studs:	ARP# 134-4001 or 234-4301 (12pt)
Manifold:	Dart dual plane 42811000
Milling:	Min. 58cc = .060" (.0065" = 1cc) Flat Mill Angle mill .125" safely .200" = 49cc 1.5° (carefully)
Pistons:	Most 23° aftermarket pistons.
Push Rod length:	Stock thru +.100" Should always measure (Stock length = 7.800")
Push rod Guide Plate:	Dart guide plate 27001110
Retainers:	Steel 7° with 1.250" springs, and Steel 10° with 1.437" and 1.550"
Spark Plug:	Angle or straight, .750" reach, gasketed, Autolite AR3934
Spring Pockets:	Cut for up to 1.550" diameter springs. Can cut .030" deeper max
Springs:	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
Valve Length:	Std 4.890" w/ 1.250 & 1.437 / 5.035" (+.100) w/ 1.550
Valve Stem Dia:	.3415" - 11/32"
Valve Train:	Std SBC 3/8" or 7/16" stud mount
Valve Guides:	.439" Outside diameter Int. and Exh. Mag-bronze (.002" press)
Valve Guide length:	2.100"
Valve Guide clearance:	.0014" - .002" (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.890" moved .030" from stock
Valve Seats:	Hardened ductile iron, .006" press
Valve Seat dim.	Int - 2.160"x 1.810" x .350" Exh - 1.650"x 1.350" x .350"
Valve Seat angles:	Int = 32° - 45° - 60° - 70°-80° Exh = 37° - 45° - radius
Stud Girdle:	Use any standard girdle
Torque:	Head bolts = 70 ft/lb Rocker studs = 45 ft/lb Manifold = 35 ft/lb
Block Use:	Any SBC iron or aluminum
Weight:	23 lbs. bare