



Dart

Platinum 230 SBC 23° Iron Cylinder Head

Part#	10710040P – 10821143P
Material:	Superior iron alloy
Comb Chambers:	49cc, 64cc & 72cc
Intake Valve Dia:	2.08”
Intake Port volume:	230cc
Intake Port Dim:	2.230” x 1.260”
Int Port Location:	Stock
Intake Gasket:	Fel-Pro# 1206
Exh Valve Dia.:	1.600”
Exh Port volume:	82cc
Exhaust Port Dim:	1.380” x 1.400” w
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro # 1405
Flow, Intake:	308cfm @ .700” lift / 28”
Flow, Exhaust:	207cfm @ .700” lift / 28”
Head Bolts:	Dart bolt kit PN# 66220011
Head Studs:	Dart stud kit PN# 66120011
Manifold:	Alum Single Plane Dart PN# 42411000
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 adjustable guide Plate PN# 27001410
Retainers:	Steel 10°
Spark Plug:	Angle or straight, .460” reach, tapered seat
Spring Pockets:	1.550” OD (.030” deeper max)
Springs:	Our Assembly: 1.437D = 130# @ 1.800” / .620” max 1.550D = 215# @ 1.900” / .690” max
Valve Length:	5.015” (+.100”) (Std. = 4.915” w/1.437”)
Valve Stem Dia:	.3415” - 11/32”
Valve Train:	STD SBC 3/8” or 7/16” stud mount
Valve Guides:	.439” OD Int = Mag-bronze Exh = Mag-bronze (.002” press)
Valve Guide length:	1.950”
Valve Guide clearance:	.0014” - .002” (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.890” moved .030” from stock
Valve Seats:	Exh = Powdered Metal .006” Press
Valve Seat dim.	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 = 55 ft/lb Manifold = 35 ft/lb
Block Use:	Any SBC Iron or Aluminum
Weight:	52 lbs Bare – 58 lbs Assembled