



Dart S/S 165 SBC Iron Cylinder Head

Part#	10021010 – 10024370
Material:	Superior iron alloy
Comb Chambers:	67 or 76
Intake Valve Dia:	1.940" or 2.020"
Intake Port volume:	165cc
Intake Port Dim:	1.100"w x 1.925"t
Int Port Location:	Stock
Intake Gasket:	Fel-Pro# 1204 or OEM type
Exh Valve Dia.:	1.500" or 1.600"
Exh Port volume:	65cc
Exhaust Port Dim:	1.340"w x 1.300"t
Exh Port Location:	Stock location & bolt pattern
Exhaust Gasket:	Fel-Pro# 1404
Flow, Intake:	210 cfm @ .500" lift / 28"
Flow, Exhaust:	138 cfm @ .500" lift / 28"
Head bolts:	Stock bolts can be used. Or Dart 66422200 bolt kit.
Manifold:	Dart PN# 42811000 dual plane
Milling:	Min. 62cc = .060" (.0065" = 1cc) Flat Mill
Pistons:	Most 23° aftermarket pistons.
Push Rod length:	Stock (Stock length = 7.800") * Must measure *
Push Rod Guide:	Stock type, integral
Retainers:	Steel 1.250" = (7°) 1.437" = (10°)
Rocker Arm stud:	Use screw-in stud w/integral nut
Spark Plug:	Straight, .460" reach, tapered seat
Spring Cups:	N/A, Use hardened shim or locator
Spring Pockets:	Cut for 1.250" & 1.550" OD (.030" deeper max)
Springs:	Our Assembly: 1.250S = 110# @ 1.700" / .520" max 1.437D = 130# @ 1.800" / .620" max
Valve Angles:	23°
Valve Length:	STD = 4.890"
Valve Stem Dia:	.3415" - 11/32"
Valve Guides:	Integral cast into head
Valve Guide clearance:	.002" - .0025" (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.890" moved .030" from stock
Valve Seals:	Cut for umbrella seals
Valve Seats:	Exh = Powdered Metal, .006" press
Valve Seat dim:	Exh - 1.650" x 1.280" x .350"
Valve Seat angles:	Int = 32° - 45° - 60° - 70° - 80° Exh = 37° - 45° - radius
Stud Girdle:	Dart PN# 64110002
Torque: w/oil	Head Bolts = 70 ft/lb Rocker Studs = 55 ft/lb Manifold = 35 ft/lb
Block Use:	Any SBC Iron or Aluminum
Weight:	52lbs Bare – 58lbs Assembled