

Dart  **180cc Ford Iron Cylinder Head**

Part#	13300080-13311112
Material:	Superior Iron Alloy
Comb Chambers:	58cc and 62cc
Intake Valve Dia:	1.940" and 2.020"
Intake Port volume:	180cc
Intake Port Dim:	2.040" x 1.150"
Int Port Location:	Stock location
Intake Gasket:	Fel Pro 1262
Exh Valve Dia.:	1.600"
Exh Port volume:	72cc
Exhaust Port Dim:	1.325"x 1.325"
Exh Port Location:	stock
Exhaust Gasket:	Fel Pro 1486
Flow, Intake:	262 CFM @ .700" lift
Flow, Exhaust:	204 CFM @ .700" lift
Head Bolts:	Dart PN# 66230010 (7/16" w/inserts) Dart PN# 66230011 (Std 1/2")
Head Studs:	Dart PN# 66130021
Manifold:	Conventional SBF
Milling:	Flat= .006" per cc / Angle milling= .0075 per cc
Pistons:	Most SBF 20° aftermarket pistons
Push Rod length:	Should always measure
Push Rod Guide Plate:	Dart Adjustable PN# 27001410
Retainers:	Chrome Moly Steel 7° on 1.250" spring and 10° on 1.437" spring
Spark Plug:	.460" reach tapered seat
Spring Cups:	N/A
Spring Pockets:	Cut to accept up to 1.550" springs, not recommended to cut deeper
Springs:	1.250" 120lbs @ 1.700" .510"Max, 1.437" 130lbs @ 1.800" .600"Max
Valve Length:	Std. = 4.890"
Valve Stem Dia:	11/32" .3415"
Valve Train:	Standard Stud mounted 3/8" rockers
Valve Guides:	.439" O.D. Mag-Bronze (.002" Press)
Valve Guide length:	2.00"
Valve Guide clearance:	.0014"-.002" with Dart .3415" diameter valve
Valve Guide Spacing:	1.890"
Valve Seats:	Powdered Metal (Exhaust only)
Valve Seat dim.	1.650" x 1.350" x .350"
Valve Seat angles:	Intake: 32° 45° 60° 70° 80° / Exhaust: 37°- 45° Radius
Stud Girdle:	Jomar Performance #1123
Torque:	Rocker Studs 45ft. lbs. Intake Manifold 35ft. lbs. 1/2"Head Bolts 105ft. lbs w/ CMD #3
Block Use:	Dart I.E, Sportsman or SHP
Weight:	49lbs bare – 56lbs assembled