

Dart FORD  195cc 20° Aluminum Cylinder Head

Part#	13200010 – 13211113
Material:	355-T61 alum alloy
Comb Chambers:	62cc
Intake Valve Dia:	2.020"
Intake Port volume:	195cc
Intake Port Dim:	2.000"x 1.125"w
Int Port Location:	Stock
Intake Gasket:	Fel-Pro # 1262
Exh Valve Dia.:	1.600"
Exh Port volume:	65cc
Exhaust Port Dim:	1.350" x 1.350" w
Exh Port Location:	Raised .135" Standard Ford pattern (2.00" bolt centers)
Exhaust Gasket:	Fel-Pro # 1487
Flow, Intake:	288cfm @ .700" / 285 @ .600" lift / 28"
Flow, Exhaust:	185cfm @ .600" & .700" lift / 28"
Head Bolts:	Dart PN# 66230010 (7/16 w/ inserts) Dart PN# 66230011 (Std. 1/2")
Head Studs:	Dart PN# 66130021 302 block 1/2"-7/16" stepped washer ARP# 154-4005
Manifold:	Most with standard port location
Milling:	Min. 50cc (.0065" = 1cc) Flat Mill
Pistons:	Most 20° aftermarket pistons.
Push Rod length:	Should always measure
Push rod Guide Plate:	Dart adjustable PN# 27001410
Retainers:	Steel (10°)
Spark Plug:	.750" reach, gasketed
Spring Pockets:	1.550" OD (.050" deeper max)
Springs:	Our Assembly: 1.437D = 130# 1.800" 1.550D = 215# 1.900"
Valve Length:	STD 4.890" / 5.015" (+.100) roller
Valve Stem Dia:	.3415" - 11/32"
Valve Train:	Uses roller rockers 3/8" or 7/16" stud mount
Valve Guides:	1/2" OD Mag-bronze (.002" press)
Valve Guide length:	2.250"
Valve Guide clearance:	.0014" - .002" (with our .3415 dia. valve stem)
Valve Guide Spacing:	1.876" moved .050" from stock
Valve Seats:	Powdered metal, .006" press
Valve Seat dim.	Int - 2.160x 1.810 x .350 ex - 1.650x 1.350x .350
Valve Seat angles:	Int = 32°- 45°- 60°- 70°- 80° Ex = 37°- 45°- radius
Stud Girdle:	Jomar Performance #1123
Torque:	1/2" = 100 ft/lb Rocker Studs = 45 ft/lb Manifold = 18 ft /lb
Block Use:	Dart Iron or Aluminum & any Ford
Weight:	23 lbs bare – 26 lbs assembled