14° Big Chief Oval Port (Program 385) CNC Aluminum Cylinder Head

Partri183/2000 - 183/2189Material:355-T61 alum alloyComb Chambers:86cc with Tit valvesIntake Valve Dia:2.500"Intake Port volume:FP CNC - 433ccIntake Port volume:Raised 1.500" Spread portsIntake Port volume:200ccExh Port volume:200ccExh Port volume:200ccExhaust Port Din:2.100" w 1.850"hExh Port volume:200ccExhaust Port Din:2.100" w 1.850"hExh Port volume:200ccExhaust Gasket:Mr. Gasket 5914Flow, Intake:525 cfm @ .900" lift/28"Lifter:Use 1.80" offset lifterMulling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spring Cups:1.625"660 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly: 1.625T = 330# @ 2.100" / .910" max P.S.IValve Ength:Int - 6.600" Exh - 6.450"Valve Guidee:1.72" OD Magbronze Cut for .500" PC seals (.002" press)Valve Guide3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:1.14°. Exh - 75' - 83" Exh: 45" - 55" - RadiusStude length:1.000 magbronze Cut for .500" PC seals (.002" press)Valve Guide le	D 4#	10777000 10777100
Comb Chambers:86cc with Tit valvesIntake Vave Dia:2.500"Intake Volume:FP CNC - 433ccIntake Port Join:1.835" x 2.650"Intake Port Dim:1.835" x 2.650"Intake Rott Dim:1.835" x 2.650"Intake Rott Dim:1.835" x 2.650"Intake Rott Dim:2.800"Exh Port Location:Raised 1.500" Spread portsExh Port Location:Raised .900" STD Chevy bolt patternExhaust Port Dim:2.100" w x 1.850"hExhaust Port Dim:2.100" w x 1.850"hExhaust Gasket:Mr. Gasket 5914Flow, Intake:525 cfm @ .900" lift/28"Lifter:Use 180" offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76cc /.020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers::Titanim 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSprings:Our Assembly: 1.625" = 330# @ 2.100" / .910" max P.S.IValve Angles:Int 1.4", Exh -7", 4" cantValve Guides:J.24" of Mag55" of 5".65".75" of S" of S" calusValve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000" <tr< td=""><td>Part#</td><td>18375080 – 18375189</td></tr<>	Part#	18375080 – 18375189
Intake Valve Dia:2.500"Intake Port volume:FP CNC - 433ccIntake Port Volume:L835" x 2.650"Int Port Location:Raised 1.500" Spread portsIntake Gasket:Dart# 65002155 or Fel-Pro# 1290 (trim to fit)Exh Valve Dia:1.800"Exh Valve Dia:1.800"Exh Valve Dia:200ceExhaust Port Dim:2.100" w x 1.850"hExh Port Location:Raised 900" STD Chevy bolt patternExhaust Gasket:Mr. Gasket 5914Flow, Intake:525 cfm @.900" lift/28"Ifter:Use .180" offset lifterManifold:Dart Big Chief OvalIx 4 bbl = 8" tallMilling, flat:Mir. Cocc / .02" max (.006" = 1 cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Posh Rod length:Should always measureRetainers:Titanium 10°Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly:Valve Angles:Int -14°, Exh -7°, 4° cantValve Stem Dia:.3415" - 11/32"Valve Guide length:.3000"Valve Guide length:.3000"Valve Guide learance:.0014"0021" (with our .3415 dia.valve stem)Valve Guide length:.3000"Valve Guide length:.3000"Valve Guide length:.3000"Valve Guide length:.3000"Valve Guide length:.3000"Valve Guide length:.3000"Valve Gui		
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Exh Port volume:200ccExhaust Port Dim:2.100" w x 1.850"hExh Port Location:Raised .900" STD Chevy bolt patternExhaust Gasket:Mr. Gasket 5914Flow, Intake: $525 cfm @.900" lift/28"$ Flow, Exhaust:349 $cfm @.900" lift/28"$ Lifter:Use .180" offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly:Valve Angles:Int - 14°, Exh - 7°, 4° cantValve Angles:Int - 14°, Exh - 7°, 4° cantValve Stem Dia:.3415" - 11/32"Valve Guide length:3000"Valve Guide length:.0001"Valve Guide length:.0001"Valve Guide length:.0001"Valve Guide length:.0001"Valve Guide length:.0001"Valve Guide length:.0014"0021" (with our .3415 dia. valve stem)Valve Seats:Copper-Beryllium, .006" pressValve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x .00" x .375" Exh - 2.000" x 1	Intake Gasket:	Dart# 65002155 or Fel-Pro# 1290 (trim to fit)
Exhaust Port Dim:2.100"w x 1.850"hExh Port Location:Raised .900" STD Chevy bolt patternExhaust Gasket:Mr. Gasket 5914Flow, Intake:525 Cfm @ .900" lift/28"Flow, Exhaust:349 cfm @ .900" lift/28"Lifter:Use .180" offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76c / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly: 1.625T = 330# @ 2.100" / .910" max P.S.IValve Length:Int - 14°, Exh - 7°, 4° cantValve Stem Dia:.3415" - 11/32"Valve Stem Dia:.3415" - 11/32"Valve Guides:1/2" OD Mag - bronzeValve Guide length:3.000"Valve Guide Length:Int - 6.600" ksh - 6.450"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide Spacing:Widened for use on min. 4.600" bore. Int. valve moved .020 from 3815program.Valve Seats:Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Reh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Fish - 2.000" x	Exh Valve Dia.:	1.800''
Exh Port Location:Raised 900"STD Chevy bolt patternExhaust Gasket:Mr. Gasket 5914Flow, Intake:525 cfm @ .900" lift/28"Flow, Exhaust:349 cfm @ .900" lift/28"Lifter:Use .180" offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly:Valve Length:Int - 16, 600"Valve Length:Int - 14% Exh - 7%, 4° cantValve Stem Dia:.3415" - 11/32"Valve Guides:1/2" OD Mag - bronzeValve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide Spacing:Widened for use on min. 4.600" bore. Int. valve moved .020 from 3815Valve Seat dimInt - 2.520" x .200" x .375"Valve Seat dimInt - 2.520" x .200" x .375"Valve Seat angles:Int: 4.5° - 55° - 65° - 75° - 83° Exh: 45° - 55° - RadiusStuds, head:Must use Big Chief stud kit #66120015Titanium ValvesMust use Big Chief stud kit #66120015Titanium ValvesMust use Big Chief stud kit #66120015Buddes:VofthDart's inner head studs 3/8-	Exh Port volume:	200cc
Exhaust Gasket:Mr. Gasket 5914Flow, Intake:525 cfm @ .900" lift/28"Flow, Exhaust:349 cfm @ .900" lift/28"Flow, Exhaust:349 cfm @ .900" lift/28"Lifter:Use .180" offste lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly: 1.625T = 330# @ 2.100" / .910" max P.S.IValve Angles:Int - 14°, Exh - 7°, 4° cantValve Length:Int - 6.600" Exh - 6.450"Valve Stem Dia:.3415" - 11/32"Valve Guides:1/2" OD Mag - bronzeValve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 5.50" x .375 " exh - 55" - 83" Exh: 45° - 55" - 8adiusStuds, head:Must use Big Chief stud kit #66120015Titanium ValvesMust use Big Chief stud kit #66120015Titanium ValvesMust use Big Chief stud kit #66120015Titanium ValvesMust use Bash capsTorque: w/oil	Exhaust Port Dim:	2.100''w x 1.850''h
Flow, Intake: $525 \text{ cfm} @.900^{\circ} \text{ lift}/28^{\circ\circ}$ Flow, Exhaust: $349 \text{ cfm} @.900^{\circ} \text{ lift}/28^{\circ\circ}$ Lifter:Use .180^{\circ\circ} offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8^{\circ\circ} tallMilling, flat:Min. 76cc / .020^{\circ\circ} max (.006^{\circ\circ} = 1cc)Milling, angle:76cc / 0^{\circ\circ}100^{\circ\circ}Pistons:Must use pistons for 14^{\circ} Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10^{\circ}Spark Plug:.750^{\circ\circ} reach, gasketed Autolite AR3932Spring Cups:1.625^{\circ\circ} .060 cupSpring Pockets1.740^{\circ\circ} OD for 1.625^{\circ\circ} cup (.030^{\circ\circ} deeper max)Springs:Our Assembly:Valve Angles:Int - 14^{\circ}, Exh - 7^{\circ}, 4^{\circ} cantValve Length:Int - 6.600^{\circ\circ} Exh - 6.450^{\circ\circ}Valve Euright:Int - 6.600^{\circ\circ} Exh - 6.450^{\circ\circ}Valve Guides:1/2^{\circ\circ} OD Mag - bronzeValve Guide length:3.000^{\circ\circ}Valve Guide clearance:.0014^{\circ\circ}0021^{\circ\circ} (with our .3415 dia. valve stem)Valve Guide length:3.000^{\circ\circ}Valve Seats:Copper-Beryllium, .006^{\circ\circ} pressValve Seat dimInt - 2.520^{\circ\circ} x.375^{\circ\circ} .83^{\circ\circ} .83^{\circ\circ} .83^{\circ\circ} .83^{\circ\circ} .750^{\circ\circ} .840^{\circ\circ} .840^{\circ\circ} .55^{\circ\circ} .780^{\circ\circ} .375^{\circ\circ} .840^{\circ\circ} .55^{\circ\circ} .780^{\circ\circ} .55^{\circ\circ} .780^{\circ\circ} .55^{\circ\circ}	Exh Port Location:	Raised .900'' STD Chevy bolt pattern
Flow, Exhaust:349 cfm $@.900"$ lift/28"Lifter:Use .180" offset lifterManifold:Dart Big Chief Oval1x4 bbl = 8" tallMilling, flat:Min. 76cc / 02" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:TitaniumTitanium10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly:Valve Angles:Int - 14°, Exh - 7°, 4° cantValve Angles:Int - 6.600"Exh - 6.450"Valve Guide length:Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:3.000"Valve Guide length:0.014"0021" (with our .3415 dia. valve stem)Valve Guide length:1.0021" (with our .3415 dia. valve stem)Valve Seats:Copper-Beryllium, .006" pressValve Seat dimInt - 2.520" x 2.00" x .375"Valve Seat di	Exhaust Gasket:	Mr. Gasket 5914
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Lifter:Use .180" offset lifterManifold:Dart Big Chief Oval 1x4 bbl = 8" tallMilling, flat:Min. 76cc / .020" max (.006" = 1cc)Milling, angle:76cc / 0"100"Pistons:Must use pistons for 14° Big Chief head.Push Rod length:Should always measureRetainers:Titanium 10°Spark Plug:.750" reach, gasketed Autolite AR3932Spring Cups:1.625"060 cupSpring Pockets1.740" OD for 1.625" cup (.030" deeper max)Springs:Our Assembly:Valve Angles:Int - 14°, Exh - 7°, 4° cantValve Length:Int - 6.600" Exh - 6.450"Valve Stem Dia:.3415" - 11/32" 5/16" optionalValve Guides:1/2" OD Mag - bronzeValve Guide length:.0001"Valve Guide clearance:.0014"0021" (with our .3415 dia. valve stem)Valve Guide Spacing:Widened for use on min. 4.600" bore. Int. valve moved .020 from 3815programValve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Exh - 2.000" x 1.560" x .375Valve Seat dimInt - 2.520" x 2.00" x .375" Fxh - 2.0	Flow, Exhaust:	349 cfm @.900" lift/28"
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