

# BRODIX<sup>COM</sup>

HEADS • BLOCKS • MANIFOLDS

## ALWAYS AT THE DRAWING BOARD

The new SR 20 from BRODIX is at the cutting edge of conventional big block Chevy compatible technology. This new offering raises the bar to a level that is unreachable by the competition! Inspired by TPSA technology, the SR 20 surpasses any other head in its class by leaps and bounds. Utilizing a .500" raised 440 cc intake port with a 2.400 intake valve, this head flows an unheard of 507 cfm. The exhaust port flows an amazing 335 cfm through only a 1.800 valve. To allow for the newly designed 95 cc combustion chamber, the intake valve angle of this head has been rolled to 20 degrees. This head requires pistons, valve covers, head studs, shaft rockers, and an intake manifold designed specifically for the SR 20. As always, these heads come standard with all the fine qualities that only BRODIX has to offer.

**NEW BP SR 20**



**NEW BM 1000™**

- BRODIX Plenum Design
- + 15 Horsepower
- New Lighter Weight Casting
- Nitrous Capable
- 4150 SeriesTop
- Fits 23° BRODIX Heads



**NEW LS COMPATIBLE**

**COMING SOON -  
1.550 BIG SPRING  
BR 7™ VERSIONS**

**NEW 410 SPRINT BLOCK**

- Flat Front and Rear Caps With Studs
- Side Water Reverse Cooling
- Front Priority Oil System
- Front Oil Scavenge
- Billet Splayed Main Caps
- Lightened, Machined Sides
- Solid Front Water Pump Housing
- Lifter Oil Galley Raised .100 in
- All O-Ring Fittings
- Moved Lifter Location
- Align Honed Mains
- Raised Cam Location
- Dry Sump Only
- Spark Plug Coolant Holes
- .904 Lifter Bores
- 55 mm Roller Cam Bearing Tunnel
- 9.020 Deck Height
- 4.125 Bore
- 400 Mains
- Open or Standard Bellhousing
- Reinforced Lifter Valley

**479-394-1075**

**CHECK US OUT AT WWW.BRODIX.COM**

- ORDER A CATALOG • SIGN UP FOR MAILING LIST

• ID HEADS

You **Tube**™



**301 MAPLE AVE.  
P.O. BOX 1347  
MENA, AR 71953**

**FAX (479) 394-1996**

# SMALL BLOCK CHEVY COMPATIBLE TOP END COMBOS



Hassle-Free

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Package Components

Cylinder Heads Complete  
Intake Manifold (4150 Series)  
Valve Covers  
Head Bolts & Washers  
Intake Bolts & Washers

Valve Cover Studs & Nuts  
Head Gaskets  
Intake Gaskets  
Exhaust Gaskets

Carburetor Gaskets  
Valve Cover Gaskets  
Spark Plugs  
BRODIX® Hat

## Available Upgrades for Small Block

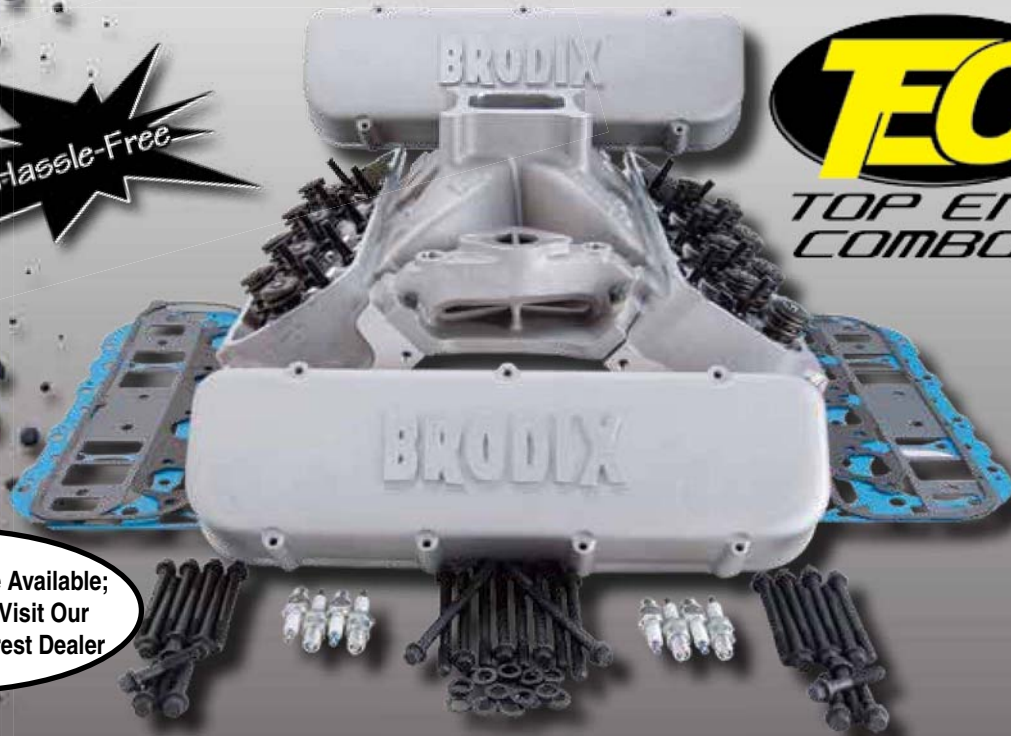
4500 Series Intake

ARP Head Studs

## Available Small Block Combos

IK® 180 350	Max .575 Lift	9991012	Page 6	\$ 2,110.57
IK® 180 400	Max .575 Lift	9991013	Page 6	\$ 2,110.57
IK® 200 350	Max .575 Lift	9991010	Page 6	\$ 2,110.57
IK® 200 400	Max .575 Lift	9991011	Page 6	\$ 2,110.57
KC IK 210 350	Max .575 Lift	9991014	Page 6	\$ 2,984.15
KC IK 210 400	Max .575 Lift	9991015	Page 6	\$ 2,984.15
Race-Rite® 180 Series	Max .525 Lift	9991007	Page 8	\$ 2,393.84
Race-Rite® 200 Series	Max .600 Lift	9991008	Page 8	\$ 2,393.84
Track 1 350	Max .700 Lift	9991000	Page 12	\$ 2,634.93
Track 1 400	Max .700 Lift	9991001	Page 12	\$ 2,634.93
STS Track 1 350 (215)	Max .700 Lift	9991003	Page 12	\$ 3,924.52
KC Track 1 400 (227)	Max .700 Lift	9991004	Page 12	\$ 3,924.52
STS Track 1 STD 233	Max .700 Lift	9991017	Page 12	\$ 3,924.52
BP HH SB O 350	Max .700 Lift	9991018	Page 14	\$ 3,924.52
BP HH SB O 400	Max .700 Lift	9991019	Page 14	\$ 3,924.52
KC 11 SP X	Max .700 Lift	9991016	Page 16	\$ 4,276.17
18 SP X With Head Studs	Max .700 Lift	9991002	Page 20	\$ 4,137.98
18 STD X With Head Studs	Max .700 Lift	9991009	Page 20	\$ 4,196.05
STS 18 SP X With Head Studs	Max .700 Lift	9991006	Page 20	\$ 5,251.53
STS 18 STD X With Head Studs	Max .700 Lift	9991005	Page 20	\$ 5,309.60

# BIG BLOCK CHEVY COMPATIBLE TOP END COMBOS



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Website for Your Nearest Dealer

## Package Components

Cylinder Heads Complete  
Intake Manifold (4150 Series)  
Valve Covers  
Head Bolts & Washers  
Intake Bolts & Washers

Valve Cover Studs & Nuts  
Head Gaskets  
Intake Gaskets  
Exhaust Gaskets

Carburetor Gaskets  
Valve Cover Gaskets  
Spark Plugs  
BRODIX® Hat

## Available Upgrades for Big Block

4500 Series Intake

ARP Head Studs

1.645 Triple Springs

## Available Big Block Combos

RR BB-R	Max .700 Lift	1.550 Springs	9992006-3	Page 40	\$ 2,906.69
RR BB-2 PLUS	Max .700 Lift	1.550 Springs	9992008-3	Page 40	\$ 2,906.69
BB-2 PLUS	Max .700 Lift	1.550 Springs	9992000-3	Page 42	\$ 2,906.69
BB-2 PLUS	Max .800 Lift	1.625 Springs	9992004-3	Page 42	\$ 3,350.09
STS RR BB-2 PLUS	Max .700 Lift	1.550 Springs	9992013-3	Page 40	\$ 4,595.72
STS BB-2 PLUS	Max .800 Lift	1.625 Springs	9992002-3	Page 42	\$ 4,843.71
BB-2 X	Max .800 Lift	1.625 Springs	9992005-3	Page 44	\$ 3,350.09
BB-2 XTRA	Max .800 Lift	1.625 Springs	9992001-3	Page 44	\$ 3,350.09
BP BB-2 XTRA	Max .800 Lift	1.625 Springs	9992003-3	Page 44	\$ 4,843.71
BP BB-3 XTRA*	Max .800 Lift	1.625 Springs	9992007-3	Page 46	\$ 4,843.71
BP BB-3 XTRA O*	Max .800 Lift	1.625 Springs	9992009-3	Page 46	\$ 5,098.39
BP HH BB 383	Max .800 Lift	1.625 Springs	9992010-3	Page 48	\$ 5,338.10
BP HH BB 383 MC	Max .800 Lift	1.625 Springs	9992011-3	Page 48	\$ 5,562.09
BP HH BB 395 MC	Max .800 Lift	1.625 Springs	9992012-3	Page 48	\$ 5,562.09

\* Please Specify Intake Port Volume

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORTS
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.204 X 5.200 o.a.l. X 8 mm STEM, BEAD LOCK - BR 70204 (BR 7, STS BR 7)  
2.250 X 5.200 o.a.l. X 8 mm STEM, BEAD LOCK - BR 70225 (STS BR 7 273)
- Exhaust Valves: 1.614 X 5.230 o.a.l. X 8 mm STEM, BEAD LOCK - BR 70614
- Valve Springs: 1.350 HYDRAULIC ROLLER SPRING - MA 221435, 180 lb CLOSED, 430 lb OPEN, 1.810 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.290 7° STEEL - MA 23610
- Valve Locks: 7° MACHINED BEAD LOCK - MA 13098
- Rocker Studs: NOT AVAILABLE
- Valve Seals: 8 mm - US VS31500 V

**NEW**

**BR™ SERIES**

**LS COMPATIBLE / 12°  
CYLINDER HEADS**

BRODIX delivers the industry's most durable replacement for the LS style cylinder heads with the introduction of the BR series. The BR 7 is an out-of-the-box version that comes standard with 72 cc combustion chambers, bowls blended, and intake ports matched. The STS BR 7 is a 100% CNC ported version that flows over 375 cfm. The BR 7 and the STS BR 7 both utilize a 12° valve angle and 2.204 / 1.614 valve combination. The STS BR 7 273 flows over 415 cfm with a 72 cc combustion chamber and 2.250 / 1.614 valves. The BR 7 series heads accept all standard LS components and share all of the legendary BRODIX features including: easily repairable A-356 virgin aluminum alloy and the strongest deck surface in the business.

**COMING SOON -  
1.550 BIG SPRING  
BR 7 VERSIONS**

## Facts and Related Components

- Torque Heads: 11 mm STUDS - 85 ft-lb WITH OIL  
8 mm STUDS - 26 ft-lb WITH OIL
- Torque Rocker Studs: 22 ft-lb
- Intake Gaskets: GM 19172113, FEL-PRO 1208-3 (.060) - (BR 7, STS BR 7)  
GM 19172113 TRIM TO FIT, FEL-PRO 1208-3 TRIM TO FIT - (STS BR 7 273)
- Head Gaskets: GM 12582179, FEL-PRO 1185-041 (4.175 BORE)
- Exhaust Gaskets: FEL-PRO 1440
- Head Studs: ARP 234-4317
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: 14mm 3/4 REACH SEALS WITH WASHER  
NGK R5671A-7 FOR PUMP GAS  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.350
- Valve Angle: 12°
- Flat Milling: .0060 in PER cc
- Dowel Shift: STANDARD
- Pushrod Slots: STANDARD
- Pistons: STANDARD
- Rocker Arms: STANDARD OR CROWER 74107 WITH MACHINING
- Lifters: STANDARD
- Pushrods: MEASURE FOR PROPER LENGTH
- Valve Centerline: STANDARD
- Intake Manifold: STANDARD

**SMALL BLOCK CHEVY COMPATIBLE HEADS**



### BR 7

- 100% LS Compatible
- 262 cc Rectangular Intake Port Flows Over 360 cfm
- Exhaust Port Flows 221 cfm
- 72 cc CNC Ported Combustion Chambers
- 2.204 / 1.614 Valve Sizes
- Most Powerful Out-of-the-Box Head in Its Class
- 4.125 Minimum Bore

### STS BR 7 273

- Flows Over 415 cfm
- 2.250 / 1.614 Valve Sizes
- 50° Valve Job (Intake)
- 45° Valve Job (Exhaust)
- 273 cc Intake Port
- Uses Standard LS 7 Components
- 12° Valve Angle

### STS BR 7

- 100% LS Compatible
- 264 cc Rectangular Intake Port Flows Over 375 cfm
- Exhaust Port Flows 240 cfm
- 72 cc Combustion Chambers
- 2.204 / 1.614 Valve Sizes
- 100% CNC Ported
- 4.125 Minimum Bore

# Flow Chart cfm @ 28" H<sub>2</sub>O

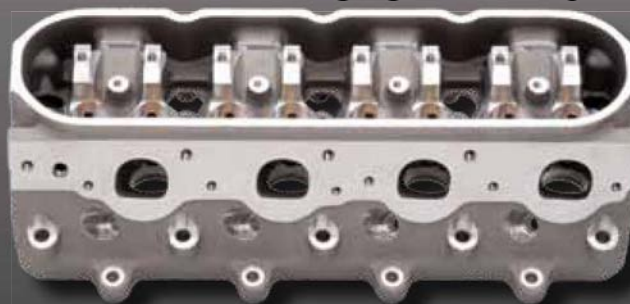
	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
BR 7	2.204 INTAKE	150	144	294	334	360	364	
	1.614 EXHAUST	113	158	188	208	216	221	
STS BR 7 (CNC Ported)	2.204 INTAKE	159	240	303	343	369	376	364
	1.614 EXHAUST	116	169	208	224	233	235	240
STS BR 7 273 (CNC Ported)	2.250 INTAKE	147	233	286	344	381	409	416
	1.614 EXHAUST	116	169	208	224	233	235	240

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BR 7 BARE	1170000	262	71					\$1,100.18	2
BR 7 PKG	1171000	262	71	2.204/1.614	180	1.350	ST	\$1,733.62	2
STS BR 7 BARE	1178000	264	71					\$2,363.18	2
STS BR 7 273 BARE	1178001	273	72					\$2,363.18	2
STS BR 7 PKG	1178100	264	71	2.204/1.614	180	1.350	ST	\$3,022.10	2
STS BR 7 273 PKG	1178101	273	72	2.250/1.614	180	1.350	ST	\$3,022.10	2



**STS BR 7 273**



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**JOON MAENG**

PRODUCTS: BRODIX STS BR 7 273 CYLINDER HEADS



**LUCAS OIL MAV TV**



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1204 (IK 180)  
MATCH INTAKE PORT TO FP 1206 (IK 200)  
MATCH INTAKE PORT TO FP 1205 (KC IK 210)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.020 X 4.920 o.a.l. - BR 6170DI (IK 180, IK 200)  
2.080 X 4.965 o.a.l. - BR 81019 (KC IK 210)
- Exhaust Valves: 1.600 X 4.920 o.a.l. - BR 6169DI (IK 180, IK 200)  
1.600 X 4.965 o.a.l. - BR 81021 (KC IK 210)
- Valve Springs: 1.250 HYDRAULIC VALVE SPRING - CC 981,  
100 lb CLOSED, 300 lb OPEN, 1.850  
INSTALLED HEIGHT, .525 MAXIMUM LIFT  
(IK 180, IK 200)  
1.470 HYDRAULIC ROLLER VALVE SPRING - CC 987,  
125 lb CLOSED, 325 lb OPEN, 1.900  
INSTALLED HEIGHT, .575 MAXIMUM LIFT  
(IK 180, IK 200)  
1.550 FLAT TAPPET VALVE SPRING - BT 120121,  
140 lb CLOSED, 400 lb OPEN, 1.950  
INSTALLED HEIGHT, .600 MAXIMUM LIFT  
(KC IK 210)
- Retainers: 1.250 7° STEEL - CC 742 (IK 180, IK 200)  
1.430 7° STEEL - CC 743 (IK 180, IK 200)  
1.550 10° STEEL - CC 752 (KC IK 210)
- Valve Locks: 7° - PI PF-555 (IK 180, IK 200)  
10° JUMBO - CC 611 (KC IK 210)
- Rocker Studs: 3/8 - BR 318S (IK 180, IK 200)  
7/16 - BR 716L, AR RRS-4I (KC IK 210)
- Guide Plates: 5/16 - CC 4808
- Valve Seals: 11/32 - US VS529V

# IK® SERIES

## 23° CYLINDER HEADS

You have spoken and we have listened... these small block Chevy compatible heads offer the only two things that matter... performance and price! The features for the IK® 180 / 200 include a revolutionary ultra casting, versatile 180 cc or 200 cc intake ports that are specifically designed for optimum versatility, and 64 cc or 70 cc combustion chambers that allow the use of several types of fuels.

The all new 100% CNC ported "Wild Thing"™ (KC IK 210) bridges the gap between our Pro Street heads and our complete line of race heads. These heads feature 210 cc intake ports and flow 287 cfm while utilizing all standard components. Standard features are A-356 virgin aluminum alloy, phosphorous bronze valve guides, valve seats for use with unleaded fuel, ends milled and drilled for accessories, and a straight spark plug angle. The combustion chambers are available as large as 74 cc. These are the most affordable high quality aluminum cylinder heads on the market.



- Standard Valve Cover Pattern
- 64 cc / 70 cc Combustion Chambers
- Straight Spark Plugs
- Ends Milled and Drilled for Accessories
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- CNC Ported Combustion Chambers Available as Large as 75 cc



WILD  
THING  
KC IK 210



## FACTS AND RELATED COMPONENTS

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1204, COMETIC C5416 (IK 180)  
FEL-PRO 1206, COMETIC C5414 (IK 200)  
FEL-PRO 1205 (KC IK 210)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1404, COMETIC C5415 (IK 180, IK 200)  
FEL-PRO 1406, COMETIC C5415 (KC IK 210)
- Head Bolts: ARP 134-3601, MANLEY 42313
- Head Bolt Washers: MANLEY 42102
- Head Studs: ARP 134-4001 (6 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION RN12YC OR AUTOLITE  
3924 FOR PUMP GAS  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: BR 6435
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Valve Centerline: STANDARD
- Intake Manifold: HP-1 / HV 1016 (IK 180)  
HV 1014 / HV 1016 (IK 200, IK 210)

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# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
IK 180	2.020 INTAKE	138	188	234	243	245		
	1.600 EXHAUST	112	149	167	175	178		
IK 200	2.020 INTAKE	123	181	230	253	261		
	1.600 EXHAUST	100	145	164	171	176		
KC IK 210 (CNC Ported)	2.080 INTAKE	148	217	260	278	284	285	287
	1.600 EXHAUST	110	166	200	214	219	222	224

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
IK 180 Bare	1020001	180	70					\$785.78	2
IK 180 Pkg	1021002	180	70	2.020/1.600	100	1.250	ST	\$1,232.68	2
IK 180 Pkg	1021003	180	70	2.020/1.600	125	1.470	ST	\$1,345.30	2
IK 180 Pkg	1021004	180	64	2.020/1.600	100	1.250	ST	\$1,295.98	2
IK 180 Pkg	1021005	180	64	2.020/1.600	125	1.470	ST	\$1,412.06	2
IK 180 350 Combo	9991012				125	1.470		\$2,110.57	1
IK 180 400 Combo	9991013				125	1.470		\$2,110.57	1
IK 200 Bare	1020000	200	64					\$846.48	2
IK 200 Bare	1020002	200	70					\$785.78	2
IK 200 Pkg	1021000	200	64	2.020/1.600	100	1.250	ST	\$1,295.98	2
IK 200 Pkg	1021001	200	64	2.020/1.600	125	1.470	ST	\$1,412.06	2
IK 200 Pkg	1021006	200	70	2.020/1.600	100	1.250	ST	\$1,232.68	2
IK 200 Pkg	1021007	200	70	2.020/1.600	125	1.470	ST	\$1,345.30	2
IK 200 350 Combo	9991010				125	1.470		\$2,110.57	1
IK 200 400 Combo	9991011				125	1.470		\$2,110.57	1
KC IK 210 Bare	1028000	210	75					\$1,759.66	2
KC IK 210 Pkg	1028100	210	75	2.080/1.600	125	1.470	ST	\$2,134.56	2
KC IK 210 Pkg	1028101	210	75	2.080/1.600	240	1.550	ST	\$2,134.56	2
KC IK 210 Pkg	1028102	210	75	2.080/1.600	240	1.550	TI	\$2,368.84	2
KC IK 210 Pkg	1028103	210	68	2.080/1.600	125	1.470	ST	\$2,351.80	2
KC IK 210 Pkg	1028104	210	68	2.080/1.600	240	1.550	ST	\$2,351.80	2
KC IK 210 Pkg	1028105	210	68	2.080/1.600	240	1.550	TI	\$2,586.08	2
KC IK 210 Pkg	1028106	210	64	2.080/1.600	125	1.470	ST	\$2,456.80	2
KC IK 210 Pkg	1028107	210	64	2.080/1.600	240	1.550	ST	\$2,456.80	2
KC IK 210 Pkg	1028108	210	64	2.080/1.600	240	1.550	TI	\$2,691.08	2
KC IK 210 350 Combo	9991014				125	1.470		\$2,984.15	1
KC IK 210 400 Combo	9991015				125	1.470		\$2,984.15	1

**ALSO AVAILABLE  
POLISHED**



**THE IK® 180, IK® 200, AND  
KC IK 210 ARE AVAILABLE IN A  
TOP END COMBO KIT  
(SEE PAGE 1).**





# RACE-RITE® SMALL BLOCK SERIES 23° CYLINDER HEADS

The Race-Rite® series is a line of heads designed by BRODIX for maximum out-of-the-box horsepower. The Race-Rite® series is another example of BRODIX's ability to utilize its in-house processes such as 100% CNC machining, foundry, and heat treater. BRODIX tests each shipment of A-356 virgin aluminum assuring the customer that they are receiving the best products for the money. BRODIX installs solid, phosphorous bronze guides and ductile iron valve seats reducing valve leakage and oil consumption.

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer



- 67 or 64 cc Combustion Chambers
- Optional LT1 Modifications Available
- Ends Milled and Drilled for Accessories
- Dual Valve Cover Pattern
- Available With Straight or Angled Plugs
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- CNC Ported Combustion Chambers Available as Large as 76 cc



THE RR 180™ AND RR 200™ ARE AVAILABLE IN  
A TOP END COMBO KIT (SEE PAGE 1).

[WWW.BRODIX.COM](http://WWW.BRODIX.COM)

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1204 (RR 180)  
MATCH INTAKE PORT TO FP 1206 (RR 200)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.020 X 4.920 o.a.l. - BR 6170DI (RR 180)  
2.055 X 4.920 o.a.l. - BR 60005 (RR 200)
- Exhaust Valves: 1.600 X 4.940 o.a.l. - BR 6169DI
- Valve Springs: 1.250 HYDRAULIC VALVE SPRING - CC 981,  
100 lb CLOSED, 300 lb OPEN,  
1.850 INSTALLED HEIGHT, .525 MAXIMUM  
LIFT (RR 180)  
1.470 HYDRAULIC ROLLER VALVE SPRING - CC 987,  
125 lb CLOSED, 325 lb OPEN,  
1.900 INSTALLED HEIGHT, .575 MAXIMUM  
LIFT (RR 180 & RR 200)  
1.550 FLAT TAPPET VALVE SPRING - BT 120121,  
140 lb CLOSED, 400 lb OPEN, 1.950  
INSTALLED HEIGHT, .600 MAXIMUM LIFT  
(RR 200)
- Retainers: 1.250 7° STEEL - CC 742 (RR 180)  
1.430 7° STEEL - CC 743 (RR 180 & RR 200)  
1.550 10° STEEL - CC 752 (RR 200)
- Valve Locks: 7° - PI PF-555 (RR 180 & RR 200)  
10° JUMBO - CC 611 (RR 200)
- Rocker Studs: 3/8 - BR 318S (RR 180 & RR 200)  
7/16 - BR 716L, AR RRS-4I (RR 200)
- Guide Plates: 5/16 - CC 4808
- Valve Seals: 11/32 - US VS529V

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1204, COMETIC C5416 (RR 180)  
FEL-PRO 1206, COMETIC C5414 (RR 200)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1404, COMETIC C5417
- Head Bolts: ARP 134-3601, MANLEY 42313
- Head Bolt Washers: MANLEY 42102
- Head Studs: ARP 134-4001 (6 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION RN12YC OR AUTOLITE  
3924 FOR PUMP GAS (RR 180 & RR 200)  
NGK R5671A-8 FOR RACING GAS (RR 200)
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: BR 6435
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Valve Centerline: STANDARD
- Intake Manifold: HP-1 / HV 1016 (RR 180)  
HV 1014 / HV 1016 (RR 200)



479-394-1075

SMALL BLOCK CHEVY COMPATIBLE HEADS



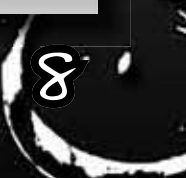
# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
RR 180	2.020 INTAKE	138	194	234	243	245		
	1.600 EXHAUST	97	129	155	171	179		
RR 200	2.055 INTAKE	125	182	227	260	266	269	
	1.600 EXHAUST	97	129	155	171	179	185	
RR 180 (CNC Combustion Chamber)	2.020 INTAKE	142	199	238	241	241		
	1.600 EXHAUST	113	153	171	179	184	185	187
RR 200 (CNC Combustion Chamber)	2.055 INTAKE	141	221	242	265	272	273	
	1.600 EXHAUST	113	153	171	179	183	185	

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
RR 180 BARE	1010000 A	180	67					\$1,078.60	2
RR 180 BARE	1010001 S	180	67					\$1,078.60	2
RR 200 BARE	1010002 A	200	67					\$1,078.60	2
RR 200 BARE	1010003 S	200	67					\$1,078.60	2
RR 180 PKG	1011000 A	180	67	2.020/1.600	100	1.250	ST	\$1,650.10	2
** RR 180 PKG **	1011001 A	180	67	2.020/1.600	125	1.470	ST	\$1,650.10	2
RR 180 PKG	1011002 A	180	67	2.020/1.600	125	1.470	TI	\$1,891.76	2
RR 180 PKG	1011003 S	180	67	2.020/1.600	100	1.250	ST	\$1,650.10	2
** RR 180 PKG **	1011004 S	180	67	2.020/1.600	125	1.470	ST	\$1,650.10	2
RR 180 PKG	1011005 S	180	67	2.020/1.600	125	1.470	TI	\$1,891.76	2
RR 200 PKG	1011006 A	200	67	2.055/1.600	140	1.550	ST	\$1,650.10	2
RR 200 PKG	1011007 A	200	67	2.055/1.600	140	1.550	TI	\$1,891.76	2
** RR 200 PKG **	1011008 A	200	67	2.055/1.600	240	1.550	ST	\$1,650.10	2
RR 200 PKG	1011009 A	200	67	2.055/1.600	240	1.550	TI	\$1,891.76	2
RR 200 PKG	1011010 A	200	67	2.080/1.600	240	1.550	ST	\$1,650.10	2
RR 200 PKG	1011011 A	200	67	2.080/1.600	240	1.550	TI	\$1,891.76	2
RR 200 PKG	1011012 S	200	67	2.055/1.600	140	1.550	ST	\$1,650.10	2
RR 200 PKG	1011013 S	200	67	2.055/1.600	140	1.550	TI	\$1,891.76	2
** RR 200 PKG **	1011014 S	200	67	2.055/1.600	240	1.550	ST	\$1,650.10	2
RR 200 PKG	1011015 S	200	67	2.055/1.600	240	1.550	TI	\$1,891.76	2
RR 200 PKG	1011016 S	200	67	2.080/1.600	240	1.550	ST	\$1,650.10	2
RR 200 PKG	1011017 S	200	67	2.080/1.600	240	1.550	TI	\$1,891.76	2
** RR 180 PKG **	1011018 A	180	64	2.020/1.600	100	1.250	ST	\$1,982.70	2
RR 180 PKG	1011019 A	180	64	2.020/1.600	125	1.470	ST	\$1,982.70	2
RR 180 PKG	1011020 A	180	64	2.020/1.600	125	1.470	TI	\$2,224.32	2
RR 180 PKG	1011021 S	180	64	2.020/1.600	100	1.250	ST	\$1,982.70	2
** RR 180 PKG **	1011022 S	180	64	2.020/1.600	125	1.470	ST	\$1,982.70	2
RR 180 PKG	1011023 S	180	64	2.020/1.600	125	1.470	TI	\$2,224.32	2
RR 200 PKG	1011024 A	200	64	2.055/1.600	140	1.550	ST	\$1,982.70	2
RR 200 PKG	1011025 A	200	64	2.055/1.600	140	1.550	TI	\$2,224.32	2
** RR 200 PKG **	1011026 A	200	64	2.055/1.600	240	1.550	ST	\$1,982.70	2
RR 200 PKG	1011027 A	200	64	2.055/1.600	240	1.550	TI	\$2,224.32	2
RR 200 PKG	1011028 A	200	64	2.080/1.600	240	1.550	ST	\$1,982.70	2
RR 200 PKG	1011029 A	200	64	2.080/1.600	240	1.550	TI	\$2,224.32	2
RR 200 PKG	1011030 S	200	64	2.055/1.600	140	1.550	ST	\$1,982.70	2
RR 200 PKG	1011031 S	200	64	2.055/1.600	140	1.550	TI	\$2,224.32	2
** RR 200 PKG **	1011032 S	200	64	2.055/1.600	240	1.550	ST	\$1,982.70	2
RR 200 PKG	1011033 S	200	64	2.055/1.600	240	1.550	TI	\$2,224.32	2
RR 200 PKG	1011034 S	200	64	2.080/1.600	240	1.550	ST	\$1,982.70	2
RR 200 PKG	1011035 S	200	64	2.080/1.600	240	1.550	TI	\$2,224.32	2
RR 180 COMBO	9991007				100	1.250		\$2,393.84	1
RR 200 COMBO	9991008				140	1.470		\$2,393.84	1

\*\* Indicates most popular packages sold. \*\*, A = Angled, S = Straight



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1206
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 4.965 o.a.l. - BR 81019
- Exhaust Valves: 1.600 X 4.965 o.a.l. - BR 81021
- Valve Springs: 1.550 FLAT TAPPET VALVE SPRING - BT 120121, 140 lb CLOSED, 400 lb OPEN, 1.950 INSTALLED HEIGHT, .600 MAXIMUM LIFT  
1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° STEEL - CC 752
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 5/16 - CC 4808
- Valve Seals: 11/32 - US VS529V

## DRAGON SLAYER™ SERIES

### 23° CYLINDER HEADS

Economical out-of-the-box horsepower is what comes to mind with this new series of Dragon Slayer heads from BRODIX. The new Dragon Slayer 225 comes standard with CNC ported 68 cc combustion chambers allowing this port to flow over 300 cfm @ .600 cam lift. The best thing about this head is that all standard components such as rockers, lifters, and intake manifold may be used.

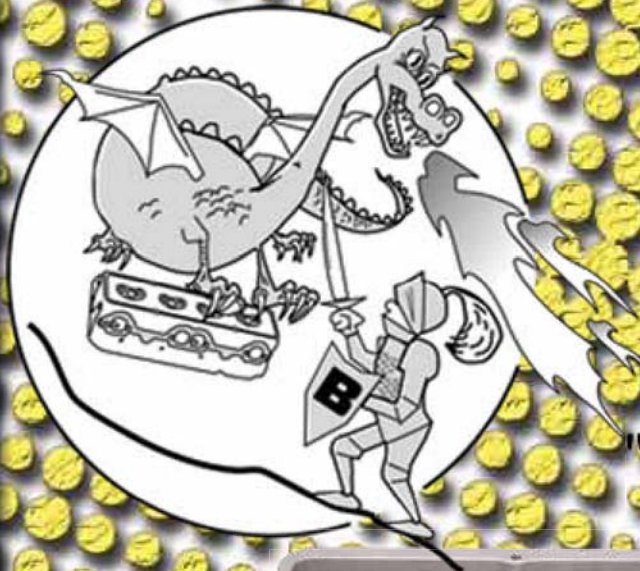
### DS 225™

- "As Cast" 225 cc Intake Port
- 2.080 / 1.600 Valve Sizes
- CNC Ported Chambers
- Uses Standard Rockers and Components
- Flows Over 300 cfm at .600 Lift
- Best "As Cast" Head in Its League
- 23° Small Block Chevy Compatible

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1206, COMETIC C5414
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1406, COMETIC C5415
- Head Bolts: ARP 134-3601, MANLEY 42313
- Head Bolt Washers: MANLEY 42102
- Head Studs: ARP 234-4301(12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: BR 6435
- Rocker Arms: STANDARD  
T&D ECONOMY OR JESEL SHAFT SYSTEM -  
T&D 2256, JESEL KPS 01001
- Lifters: STANDARD
- Valve Centerline: STANDARD
- Intake Manifold: BM 1000 / HV 1000 / HV 1002 / SE 100 / SE 102

SMALL BLOCK CHEVY COMPATIBLE HEADS



# "Dragon Slayer"™



# Flow Chart cfm @ 28" H<sub>2</sub>O

VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
DS 225 2.080 INTAKE	142	212	260	287	302	302	304
1.600 EXHAUST	115	154	183	199	204	207	210

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
DS 225 BARE	1320000	225	68					\$1,243.16	2
DS 225 PKG	1321000	225	68	2.080/1.600	140	1.550	ST	\$1,826.12	2
DS 225 PKG	1321001	225	68	2.080/1.600	240	1.550	ST	\$1,826.12	2
DS 225 PKG	1321002	225	64	2.080/1.600	140	1.550	ST	\$1,933.36	2
DS 225 PKG	1321003	225	64	2.080/1.600	240	1.550	ST	\$1,933.36	2

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## LUKE BOGACKI

**NHRA SUPER COMP AND SUPER GAS TOP 10 FINISHER**

- **11-TIME NATIONAL EVENT WINNER**
- **6-TIME DIVISION CHAMPION**
- **MULTI-TIME BIG BUCKS BRACKET WINNER**



The Dragster has a 632 engine, with a BRODIX 8B 2000 A block, BRODIX BP PB 1200 heads, and a BRODIX PM 1917 intake manifold.



The Corvette has a 582 engine with a BRODIX 8B 2000 A block, BRODIX BP BB-2 Xtra heads, and a BRODIX BM 2017-R intake manifold.

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1206
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 4.965 o.a.l. - BR 81019 (TRACK 1, STS T1 215, KC T1 227)  
2.100 X 4.965 o.a.l. - BR 81011 (TRACK 1X)  
2.125 X 5.065 o.a.l. - BR 60025 (STS T1 233)  
2.150 X 5.065 o.a.l. - (STS T1 245)
- Exhaust Valves: 1.600 X 4.965 o.a.l. - BR 81021 (TRACK 1, TRACK 1X, STS T1 215, KC T1 227)  
1.600 X 5.065 o.a.l. - BR 60030 (STS T1 233, STS T1 245)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° STEEL - CC 752 (TRACK 1)  
1.550 10° TITANIUM - MA 2398BR (TRACK 1X, CNC TRACK 1)
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-41
- Guide Plates: 5/16 - CC 4808 (TRACK 1, STS T1 215, KC T1 227)  
5/16 - BR 5160 (STS T1 233)
- Valve Seals: 11/32 - US VS529V

## TRACK 1™ SERIES 23° CYLINDER HEADS

The BRODIX Track 1® has a 221 cc intake port and a 67 cc combustion chamber. This head was designed for the drag or oval track racer who wants a lighter weight cylinder head that can make a significant difference in horsepower. The BRODIX Track 1® has a very thick deck that is compatible with nitrous, and comes with phosphorous bronze valve guides and hardened valve seats installed for unleaded fuel. **\*The spring pockets must not be cut any larger or deeper than 1.550.**

The BRODIX Track 1X was designed as the next step above the Track 1. An additional 20 to 25 horsepower may be gained with this head out of the box over the traditional Track 1. BRODIX has incorporated improvements such as a 40/60 valve spacing, CNC machined combustion chambers, 2.100 intake valves, and new intake and exhaust ports. The 222 cc intake port flows over 285 cfm at 700 lift. The exhaust port flows over 195 cfm at 700 lift. **\*Track 1X requires a T&D Economy or Jesel shaft system.**

The BRODIX Track 1® is also available completely CNC ported at an economical price. CNC porting ensures maximum consistency between each intake and exhaust port. No special components are required with the CNC ported BRODIX Track 1® head. This head is available in four intake port volumes. Exhaust ports accommodate a standard Chevy pattern only. The industry standard has been taken to the next level with modernized CNC porting.



- Ductile Iron Valve Seats for Use With Unleaded Fuel
- Combustion Chambers Available in a Variety of Sizes (Available CNC Ported as Large as 76 cc)
- Ends Milled and Drilled for Accessories
- Optional LT1 Modifications Available
- Nitrous-Friendly Deck Surface

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1206, COMETIC C5414  
FEL-PRO 1206 TRIM TO FIT - (STS T1 245)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1406, COMETIC C5415
- Head Bolts: ARP 134-3601, MANLEY 42313
- Head Bolt Washers: MANLEY 42102
- Head Studs: ARP 234-4301(12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD (TRACK 1, STS T1 215, KC T1 227)  
40/60 (TRACK 1X, STS T1 233, STS T1 245)
- Stud Girdle: BR 6435 (TRACK 1, STS T1 215, KC T1 227)  
NOT AVAILABLE (TRACK 1X, STS T1 245)  
BR 6440 (STS T1 233)
- Rocker Arms: STANDARD (TRACK 1, STS T1 215, STS T1 227, STS T1 233)  
T&D ECONOMY OR JESEL SHAFT SYSTEM (TRACK 1,  
STS T1 215, KC T1 227) - T&D 2256, JESEL KPS 01001  
T&D ECONOMY 40/60 OR JESEL 40/60 SHAFT SYSTEM  
(TRACK 1X, STS T1 233, STS T1 245) - T&D 2256, JESEL  
KPS 01302
- Lifters: STANDARD
- Valve Centerline: STANDARD (TRACK 1, STS T1 215, KC T1 227)  
40/60 (TRACK 1X, STS T1 233, STS T1 245)
- Intake Manifold: BM 1000 / HV 1000 / HV 1002 / SE 100 / SE 102 (TRACK 1,  
STS T1 215, KC T1 227, STS T1 233, STS T1 245)  
BM 1000 / HV 1000 SERIES (TRACK 1X)

SMALL BLOCK CHEVY COMPATIBLE HEADS

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700	0.800
<b>TRACK 1</b>	2.080 INTAKE	124	179	228	264	276	278	279	
	1.600 EXHAUST	103	138	164	178	186	188	190	
<b>TRACK 1X</b>	2.100 INTAKE	152	213	262	285	287	290	292	
	1.600 EXHAUST	113	152	173	185	192	194	195	
<b>STS T1 215 (CNC Ported)</b>	2.080 INTAKE	150	213	258	285	303	305	305	
	1.600 EXHAUST	116	150	185	208	219	224	227	
<b>KC T1 227 (CNC Ported)</b>	2.080 INTAKE	154	223	270	303	312	314	316	
	1.600 EXHAUST	116	150	185	208	219	224	227	
<b>STS T1 233 (CNC Ported)</b>	2.125 INTAKE (50° Valve Job)	139	200	254	296	319	325	326	
	1.600 EXHAUST (45° Valve Job)	106	145	181	209	224	228	233	
<b>STS T1 245 (CNC Ported)</b>	2.150 INTAKE (50° Valve Job)	135	197	255	300	328	338	341	342
	1.600 EXHAUST (45° Valve Job)	106	145	180	209	224	228	233	235

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
T1 STD BARE	1000000 A	221	67					\$1,100.16	2
T1 STD BARE	1000001 S	221	67					\$1,100.16	2
T1 STD PKG	1001000 A	221	67	2.055/1.600	140	1.550	ST	\$1,683.12	2
** T1 STD PKG **	1001001 A	221	67	2.080/1.600	240	1.550	ST	\$1,683.12	2
T1 STD PKG	1001002 A	221	67	2.080/1.600	240	1.550	TI	\$1,929.58	2
T1 STD PKG	1001003 S	221	67	2.055/1.600	140	1.550	ST	\$1,683.12	2
T1 STD PKG	1001004 S	221	67	2.080/1.600	240	1.550	ST	\$1,683.12	2
T1 STD PKG	1001005 S	221	67	2.080/1.600	240	1.550	TI	\$1,929.58	2
T1 STD PKG	1001006 A	221	64	2.055/1.600	140	1.550	ST	\$1,912.98	2
** T1 STD PKG **	1001007 A	221	64	2.080/1.600	240	1.550	ST	\$1,912.98	2
T1 STD PKG	1001008 A	221	64	2.080/1.600	240	1.550	TI	\$2,159.42	2
T1 STD PKG	1001009 S	221	64	2.055/1.600	140	1.550	ST	\$1,912.98	2
T1 STD PKG	1001010 S	221	64	2.080/1.600	240	1.550	ST	\$1,912.98	2
T1 STD PKG	1001011 S	221	64	2.080/1.600	240	1.550	TI	\$2,159.42	2
T1 STD SPECIAL	1009000	CUSTOM ORDER					CALL FOR PRICING		2
T1 STD X BARE	1000002	222	68					\$1,284.06	2
T1 STD X PKG	1001012	222	68	2.100/1.600	240	1.550	ST	\$2,118.20	2
T1 STD X PKG	1001013	222	68	2.100/1.600	240	1.550	TI	\$2,364.68	2
T1 STD X PKG	1001014	222	64	2.100/1.600	240	1.550	ST	\$2,364.68	2
T1 STD X PKG	1001015	222	64	2.100/1.600	240	1.550	TI	\$2,594.56	2
T1 STD X SPECIAL	1009001	CUSTOM ORDER					CALL FOR PRICING		2
STS T1 STD BARE	1008000	215	68					\$2,363.18	2
KC T1 STD 227 BARE	1008002	227	68					\$2,363.18	2
** STS T1 STD PKG **	1008100	215	68	2.080/1.600	240	1.550	TI	\$2,934.06	2
STS T1 STD PKG	1008101	215	64	2.080/1.600	240	1.550	TI	\$3,039.06	2
KC T1 STD 227 PKG	1008104	227	68	2.080/1.600	240	1.550	TI	\$2,934.06	2
** KC T1 STD 227 PKG **	1008105	227	64	2.080/1.600	240	1.550	TI	\$3,039.06	2
STS T1 STD SPECIAL	1009002	CUSTOM ORDER					CALL FOR PRICING		2
KC T1 STD 227 SPECIAL	1009003	CUSTOM ORDER					CALL FOR PRICING		2
STS T1 STD 233 BARE	1008003	233	68					\$2,363.18	2
STS T1 STD 233 PKG	1008106	233	68	2.125/1.600	240	1.550	TI	\$2,934.06	2
STS T1 STD 233 PKG	1008107	233	64	2.125/1.600	240	1.550	TI	\$3,039.06	2
STS T1 STD 233 SPECIAL	1009004	CUSTOM ORDER					CALL FOR PRICING		2
STS T1 STD 245 BARE	1008004	245	68					\$2,363.18	2
STS T1 STD 245 PKG	1008108	245	68	2.150/1.600	240	1.550	TI	\$2,934.06	2
STS T1 STD 245 PKG	1008109	245	64	2.150/1.600	240	1.550	TI	\$3,039.06	2
TRACK 1 350 COMBO	9991000				240	1.550		\$2,634.93	1
TRACK 1 400 COMBO	9991001				240	1.550		\$2,634.93	1
STS TRACK 1 350 COMBO	9991003				240	1.550		\$3,924.52	1
KC TRACK 1 400 COMBO	9991004				240	1.550		\$3,924.52	1
STS TRACK 1 STD 233 COMBO	9991017				240	1.550		\$3,924.52	1

\*\* Indicates most popular packages sold. \*\*, A = Angled, S = Straight

THE TRACK 1™ AND CNC PORTED T1  
ARE AVAILABLE  
IN A TOP END COMBO KIT  
(SEE PAGE 1).



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO MG 1229 (229)  
MATCH INTAKE PORT TO MG 1234 (225)  
MATCH INTAKE PORT TO MG 1234, TRIM TO FIT (234)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.125 X 5.065 o.a.l. - BR 60025 (229)  
2.150 X 5.250 o.a.l. - BR 60250D (225, 234)
- Exhaust Valves: 1.600 X 5.065 o.a.l. - BR 60030 (229)  
1.570 X 5.250 o.a.l. - BR 60570D (225, 234)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT,  
.700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I (229)
- Guide Plates: 5/16 - BR 5160 (229)
- Valve Seals: 11/32 - US VS529V

## HEAD HUNTER™ SERIES

### 23° CYLINDER HEADS

The BRODIX Head Hunter Series is only getting better. The three oval-shaped heads in this arsenal include a 229 cc intake port flowing 325 cfm, a 225 cc raised intake port flowing over 335 cfm, and a 234 cc raised intake port flowing over 345 cfm. Top in the 23° class, these heads come standard with all the finest qualities BRODIX has to offer: the toughest castings in the business, ductile iron valve seats, phosphorous bronze valve guides, and 100% CNC machining.



**HEAD**™  
**HUNTER**  
series



- Ductile Iron Valve Seats for Use With Unleaded Fuel
- 100% CNC Ported
- A-356 Virgin Aluminum; Easily Repaired
- Combustion Chambers Available in a Variety of Sizes (Available CNC Ported as Large as 76 cc)
- Ends Milled and Drilled for Accessories
- Nitrous-Friendly Deck Surface
- .400 Raised Oval Intake Ports (225, 234)
- Requires Offset Rockers (225, 234)
- Newest Breakthrough in 23° Technology
- Ampco 45 Exhaust Seats (225, 234)

**SPECIAL INTAKE GASKETS ARE AVAILABLE  
EXCLUSIVELY FROM BRODIX®.**

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1229 (229)  
BRODIX MG 1234 (225)  
BRODIX MG 1234, TRIM TO FIT (234)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1406, COMETIC C5415
- Head Bolts: ARP 134-3601, MANLEY 42313 (229)
- Head Bolt Washers: MANLEY 42102 (229)
- Head Studs: ARP 234-4301 (12 pt) (229)  
SK HSSB HH RO (225, 234)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD (229)  
.450 OFFSET ROCKER SYSTEM TD 2216 WILL CLEAR  
3/8 PUSHROD WITH .180 OFFSET LIFTER (225, 234)
- Stud Girdle: BR 6440 (229)  
NOT AVAILABLE (225,234)
- Rocker Arms: STANDARD (229)  
T&D ECONOMY 40/60 OR JESEL 40/60 SHAFT SYSTEM  
(229) - T&D 2256, JESEL KPS-01302  
T&D OR JESEL SHAFT SYSTEM (225, 234) - T&D 2216  
(NO SHIM UNDER BAR), JESEL KRA-013020  
(.450 OFFSET)
- Lifters: STANDARD (229)  
.180 OFFSET INTAKE (225, 234)
- Valve Centerline: 40/60
- Intake Manifold: HV 1017 / HV 1018 (BP HH SB O 229)  
MS 90 / MS 91 (BP HH SB O 225, BP HH SB O 234)

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
BP HH SB O 229 (CNC Ported)	2.125 INTAKE (50° Valve Job)	139	205	257	300	319	322	325
	1.600 EXHAUST (45° Valve Job)	122	166	200	219	227	233	236
BP HH SB RO 225 (CNC Ported)	2.150 INTAKE (52° Valve Job)	142	205	259	303	327	332	335
	1.570 EXHAUST (55° Valve Job)	103	143	182	206	222	233	238
BP HH SB RO 234 (CNC Ported)	2.150 INTAKE (52° Valve Job)	130	199	258	305	332	344	345
	1.570 EXHAUST (55° Valve Job)	103	143	182	206	222	233	238

## Basic Easy Order Numbers and More

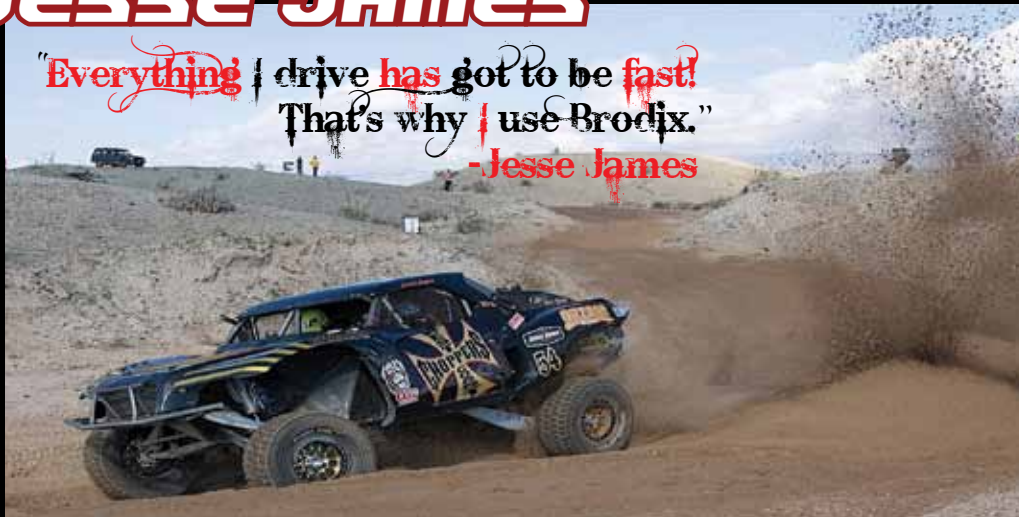
PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BP HH SB O 229 BARE	1098000	229	68					\$2,316.84	2
BP HH SB RO 225 BARE	1098001	225	68					\$2,490.74	2
BP HH SB RO 234 BARE	1098002	234	68					\$2,490.74	2
BP HH SB O 229 PKG	1098100	229	68	2.125/1.600	240	1.550	TI	\$2,876.52	2
BP HH SB O 229 PKG	1098101	229	64	2.125/1.600	240	1.550	TI	\$2,981.52	2
BP HH SB RO 225 PKG	1098102	225	68	2.150/1.570	240	1.550	TI	\$3,042.44	2
BP HH SB RO 225 PKG	1098103	225	64	2.150/1.570	240	1.550	TI	\$3,145.94	2
BP HH SB RO 234 PKG	1098104	234	68	2.150/1.570	240	1.550	TI	\$3,042.44	2
BP HH SB RO 234 PKG	1098105	234	64	2.150/1.570	240	1.550	TI	\$3,145.94	2
BP HH SB O 350 COMBO	9991018				240	1.550		\$3,924.52	1
BP HH SB O 400 COMBO	9991019				240	1.550		\$3,924.52	1



THE BP HH SB O 229™ IS AVAILABLE  
IN A TOP END COMBO KIT (SEE PAGE 1).

## JESSE JAMES

"Everything I drive has got to be fast!  
That's why I use Brodix."  
-Jesse James



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1206
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 5.065 o.a.l. - BR 60029  
2.100 X 5.065 o.a.l. - BR 60028 (KC 11 SP X)
- Exhaust Valves: 1.600 X 5.065 o.a.l. - BR 60030
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-41
- Guide Plates: 5/16 - BR 5160
- Valve Seals: 11/32 - US VS529V

## -11 X™ SERIES 23° CYLINDER HEADS

The -11X may be purchased with a standard or spread exhaust port. This head is a great flowing 23° head out of the box that BRODIX offers. BRODIX recommends this head be installed on a 400 cu in or larger engine. The -11X requires a special stud girdle and longer pushrods. Piston valve notches must be checked for clearance. A valve length of .150 longer than stock is required. The BRODIX deck surface is the strongest in the industry allowing use of nitrous and blowers. Hardened valve seats are standard allowing use with unleaded fuels. Phosphorous bronze valve guides assure proper valve guide wear. When thinking of small block Chevy compatible heads - think BRODIX. **The -11X may not have the spring pockets cut any larger or deeper than 1.550.**

# 11X



- A-356 Virgin Aluminum; Easily Repaired
- Standard or Spread Port Exhaust
- Ends Milled and Drilled for Accessories
- 40/60 Valve Spacing
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- 67 cc Combustion Chambers

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1206, COMETIC C5414
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: STANDARD - FEL-PRO 1406, COMETIC C5415  
SPREAD PORT - BRODIX MG 1500
- Head Bolts: ARP 134-3601, MANLEY 42313
- Head Bolt Washers: MANLEY 42102
- Head Studs: ARP 234-4301(12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: 40/60
- Stud Girdle: 40/60 - BR 6440
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Valve Centerline: 40/60
- Intake Manifold: BM 1000 / HV 1000 / HV 1002 / SE 100 / SE 102

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

**SPECIAL SPREAD PORT EXHAUST  
GASKETS ARE AVAILABLE  
EXCLUSIVELY FROM BRODIX®.**



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
11 STD X	2.080 INTAKE	133	191	235	272	283	284	285
	1.600 EXHAUST	90	126	158	184	200	204	208
11 SP X	2.080 INTAKE	133	191	235	272	283	284	285
	1.600 EXHAUST	103	137	166	188	201	206	211
KC 11 SP X (CNC Ported)	2.100 INTAKE	146	203	253	293	314	314	316
	1.600 EXHAUST	113	149	177	198	228	233	236

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
11 SP X BARE	1110001	225	67					\$1,583.72	2
11 SP X PKG	1111002	225	67	2.080/1.600	240	1.550	TI	\$2,748.22	2
11 SP X PKG	1111003	225	64	2.080/1.600	240	1.550	TI	\$2,851.72	2
11 SP X SPECIAL	1119001	CUSTOM ORDER						CALL FOR PRICING	2
11 STD X BARE	1110005	225	67					\$1,583.72	2
11 STD X PKG	1111010	225	67	2.080/1.600	240	1.550	TI	\$2,748.22	2
11 STD X PKG	1111011	225	64	2.080/1.600	240	1.550	TI	\$2,851.72	2
11 STD X SPECIAL	1119005	CUSTOM ORDER						CALL FOR PRICING	2
KC 11 SP X BARE	1118000	231	67					\$2,649.28	2
KC 11 SP X PKG	1118100	231	67	2.100/1.600	240	1.550	TI	\$3,215.24	2
KC 11 SP X PKG	1118101	231	64	2.100/1.600	240	1.550	TI	\$3,475.70	2
KC 11 SP X COMBO	9991016				240	1.550		\$4,276.17	1

- CNC Ported Combustion Chambers Available as Large as 76 cc



THE KC 11 SP X IS AVAILABLE IN A TOP END COMBO KIT (SEE PAGE 1).

## CRAIG ANDERSON



### PRODUCTS:

- 12° BRODIX CYLINDER HEADS
- BRODIX ALUMINUM BLOCK
- BRODIX INTAKE MANIFOLD

ENGINE BUILDER: SUNSET RACECRAFT RACING ENGINES



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: CALL FOR OPTIONS
- Exhaust Valves: CALL FOR OPTIONS
- Valve Springs: 1.550 ROLLER VALVE SPRING - IS 9985,  
260 lb CLOSED, 600 lb OPEN, 1.950  
INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## 4.500 BORE SPACING SERIES 10°, 12°, AND 13° CYLINDER HEADS

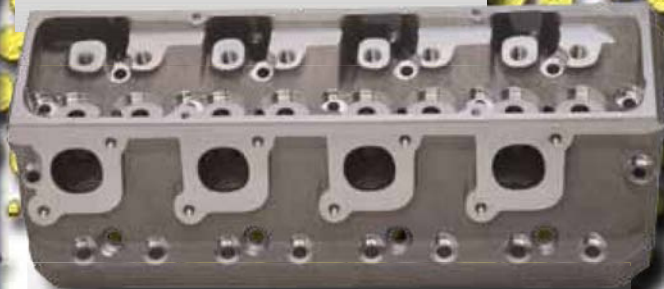
The BRODIX 4.500 bore spacing series opens a whole new world of development for the small block Chevrolet compatible engine. This 4.500 bore spacing feature allows for a cylinder bore of 4.250 to be utilized which greatly enhances durability and airflow. This new series offers a variety of different valve angles, port locations, and port sizes. Special components needed for proper installation include: headers, shaft rocker system, sheet metal valve covers, head stud kit, and cam core.

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: CUSTOM - HAND FABRICATED
- Head Gaskets: FEL-PRO 26476
- Exhaust Gaskets: CUSTOM - HAND FABRICATED
- Head Studs: SK HS BD 45 (WP BD 4510), SK HSSB 13/45 (WP FF 13 STD)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 12° (WP BD 4510), 13° (WP FF 13 STD)
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: PORTED ARE CUT, UNPORTED ARE LEFT UNCUT
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: JESEL OR T&D SHAFT SYSTEM - T&D 22202 (WP BD 4510),  
T&D 2291 (WP FF 13 STD)
- Lifters: .180 ALL TO THE LEFT (WP BD 4510), .180 (WP FF 13 STD)
- Pistons: SPECIAL 12° (WP BD 4510), SPECIAL 13° (WP FF 13 STD)
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: BRODIX 5°
- Valve Centerline: 88/184
- Intake Manifold: Sheet Metal (WP BD 4510)  
TBA (WP FF 13 STD)

### 4.500 Series WP BD 4510

- Symmetrical Port 12° Head
- Best Late Model Head Available
- +30 hp Over Wedge Heads



**SPECIAL INTAKE GASKETS AND SPREAD  
PORT EXHAUST GASKETS ARE AVAILABLE  
EXCLUSIVELY FROM BRODIX®.**



### 4.500 Series WP FF 13 STD

- 13° Wedge Design
- Proven Performance
- Industry Leading Reliability

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

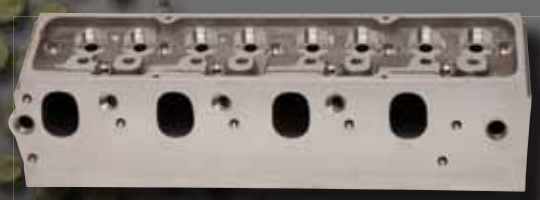
# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
WP BD 4510 (CNC Ported)	2.200 INTAKE	159	243	307	356	378	390	402
	1.600 EXHAUST	114	155	196	229	251	258	263
WP FF 13 STD (CNC Ported)	2.200 INTAKE	159	238	304	356	377	386	389
	1.600 EXHAUST	114	155	194	237	253	260	265

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
FF 10 STD CNC BARE	1450002							\$1,986.38	2
FF 13 STD CNC BARE	1450001	290	49					\$1,986.38	2
WP FF 13 STD BARE	1458001	290	49					\$4,853.87	2
WP BD 4510 BARE	1458000	292	50					\$2,904.52	2

FF 10 STD CNC BARE



WP BD 4510



WP FF 13 STD

### DON O'NEAL

ENGINE BUILDER: JAY DICKENS RACING ENGINES



PHOTO BY MIKE RUEFER

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## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 1800
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.140 X 5.290 o.a.l. - BR 81050
- Exhaust Valves: 1.600 X 5.300 o.a.l. - BR 81051
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000,  
240 lb CLOSED, 550 lb OPEN, 1.950  
INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 5/16 - BR 5160
- Valve Seals: 11/32 - US VS529V

## **-18 X™ SERIES** **18° CYLINDER HEADS**

The BRODIX 18X offers the best of both worlds, 18° horsepower without using expensive shaft rockers or offset lifters. This head offers a dramatic horsepower increase over the previous 23° cylinder head. Several advantages of the 18X are intake ports that flow over 320 cfm out of the box, an intake valve size of 2.140, raised intake ports, and shallow combustion chambers. The 18X is an excellent choice for the budget-minded racer who wants to go fast.



- Uses Existing 23° Rocker Arms
- Dowel Moved for Maximum Flow
- Standard Exhaust (Dual Exhaust Bolt Pattern)
- 40/60 Valve Spacing
- 68 cc Combustion Chambers

**SPECIAL INTAKE GASKETS AND  
SPREAD PORT EXHAUST GASKETS  
ARE AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1800, COMETIC C3250
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: STANDARD - FEL-PRO 1406, COMETIC C5415  
SPREAD PORT - BRODIX MG 52464 (TRIM TO  
FIT), COMETIC C5424
- Head Studs: ARP 234-4727 (12 pt WITH 3/8 CENTER STUDS)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 18°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 40/60
- Stud Girdle: 40/60 - BR 6440
- Rocker Arms: STANDARD 7/16 ROLLER ROCKERS  
OR SHAFT SYSTEM WITH 40/60 SPACING
- Lifters: STANDARD
- Pistons: SPECIAL 18°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: BRODIX 10° STANDARD
- Valve Centerline: 40/60
- Intake Manifold: HV 1800 / HV 1801



- Spread Port Exhaust

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
<b>18 STD X</b>	2.140 INTAKE	157	212	260	303	319	321	325
	1.600 EXHAUST	106	145	179	195	205	209	211
<b>18 SP X</b>	2.140 INTAKE	157	212	260	303	319	321	325
	1.600 EXHAUST	122	164	200	217	226	230	233
<b>STS 18 STD X (CNC Ported)</b>	2.140 INTAKE	145	214	261	303	328	331	336
	1.600 EXHAUST	110	154	206	224	231	234	237
<b>STS 18 SP X (CNC Ported)</b>	2.140 INTAKE	145	214	261	303	328	331	336
	1.600 EXHAUST	119	158	196	232	243	247	250

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
18 SP X BARE	1180000	244	68					\$1,684.42	2
** 18 SP X PKG **	1181000	244	68	2.140/1.600	240	1.550	TI	\$2,840.44	2
18 SP X PKG	1181001	244	58	2.140/1.600	240	1.550	TI	\$3,149.80	2
18 SP X SPECIAL	1189000	CUSTOM ORDER					CALL FOR PRICING		2
STS 18 SP X BARE	1188000	254	68					\$2,957.04	2
STS 18 SP X PKG	1188100	254	68	2.140/1.600	240	1.550	TI	\$3,777.70	2
STS 18 SP X PKG	1188101	254	60	2.140/1.600	240	1.550	TI	\$4,087.04	2
STS 18 SP X SPECIAL	1189001	CUSTOM ORDER					CALL FOR PRICING		2
18 STD X BARE	1180001	245	68					\$1,751.78	2
** 18 STD X PKG **	1181002	245	68	2.140/1.600	240	1.550	TI	\$2,892.84	2
18 STD X PKG	1181003	245	58	2.140/1.600	240	1.550	TI	\$3,202.20	2
18 STD X SPECIAL	1189002	CUSTOM ORDER					CALL FOR PRICING		2
STS 18 STD X BARE	1188002	254	68					\$3,009.46	2
STS 18 STD X PKG	1188103	254	68	2.140/1.600	240	1.550	TI	\$3,830.08	2
STS 18 STD X PKG	1188104	254	60	2.140/1.600	240	1.550	TI	\$4,139.48	2
STS 18 STD X SPECIAL	1189003	CUSTOM ORDER					CALL FOR PRICING		2
18 SP X COMBO	9991002				240	1.550		\$4,137.98	1
18 STD X COMBO	9991009				240	1.550		\$4,196.05	1
STS 18 STD X COMBO	9991005				240	1.550		\$5,309.60	1
STS 18 SP X COMBO	9991006				240	1.550		\$5,251.53	1

\*\* Indicates most popular packages sold. \*\*

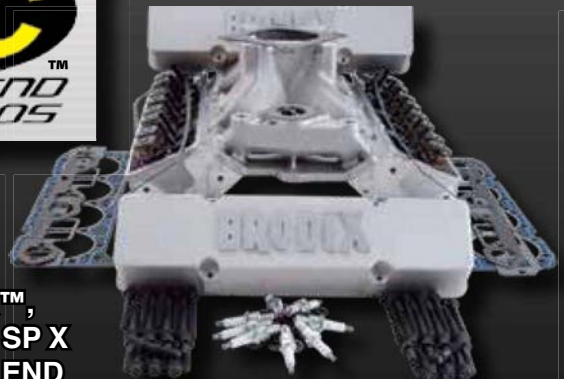
### • Raised Intake Ports



### • 10° Intake Face Angle

### • Uses 23° Lifters

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer



THE 18 STD X™, 18 SP X™,  
STS 18 STD X, AND STS 18 SP X  
ARE AVAILABLE IN A TOP END  
COMBO KIT (SEE PAGE 1).

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1282
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.180 X 5.540 o.a.l. - BR 60518D
- Exhaust Valves: 1.625 X 5.540 o.a.l. - BR 60154
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## **-18 C™ SERIES** **18° CYLINDER HEADS**

The BRODIX 18 C cylinder head has an 18° valve angle that works well on dirt late model or serious drag racing applications. This head has special valve centerlines and dowel location requiring special components. Interlocking valve seats are installed along with replaceable phosphorous bronze guides. The combustion chambers may be angle machined down to the mid 40 cc range without weakening the deck surface. The 18 C has two exhaust bolt patterns available and a 5° intake face requiring a special intake manifold and components.



- 5° Intake Flange
- 18° Standard or Spread Port Exhaust
- Flows Over 390 cfm CNC Ported
- 58/107 Valve Spacing
- Available CNC Ported
- A-356 Virgin Aluminum; Easily Repaired

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: MODIFIED FEL-PRO 1282
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464 (TRIM TO FIT), COMETIC C5424
- Head Studs: ARP 234-4727 (12 pt WITH 3/8 CENTER STUDS)  
ARP 234-4728 (12 pt FOR 18 C AP HEADS)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 - NO LARGER OR DEEPER
- Valve Angle: 18°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 58/107
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 58/107 SPACING, CHECK HEADS FOR INTAKE OFFSET - T&D 2229, JESEL KPS 15409
- Lifters: .180 OFFSET
- Pistons: SPECIAL 18°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: 5°
- Valve Centerline: 58/107
- Intake Manifold: HV 1813 / HV 1814



**SPECIAL SPREAD PORT EXHAUST GASKETS ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700
WP 18 SP C HUT 921.4 A (CNC Ported)	2.180 INTAKE	157	230	280	329	360	367
	1.625 EXHAUST	112	167	209	227	238	245
KC 18 SP C (CNC Ported)	2.180 INTAKE	163	232	288	335	351	360
	1.625 EXHAUST	119	172	214	233	242	250
WP 18 SP C AP (CNC Ported)	2.180 INTAKE	154	224	278	328	369	395
	1.625 EXHAUST	134	175	241	261	270	274

The WP 18 SP C is available in several intake port sizes. Ask a BRODIX representative which size would best fit your application.

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER	
18 SP C BARE	1180003	185	40					\$1,853.38	2	
18 STD C BARE	1180005	185	40					\$1,853.38	2	
WP 18 SP C BARE	1188001	SPECIFY PORT PROGRAM AND CHAMBER VOLUME DESIRED						\$4,252.60	2	
WP 18 SP C PKG	1188102	SPECIFY PORT PROGRAM AND CHAMBER VOLUME DESIRED				240	1.550	TI	\$5,224.00	2
WP 18 SP C AP BARE	1188003	266	57					\$5,144.28	2	
WP 18 SP C AP PKG	1188105	266	57	2.180/1.625	240	1.550	TI	\$6,115.66	2	
KC 18 SP C BARE	1188004	254	56					\$2,653.00	2	
KC 18 SP C PKG	1188106	254	56	2.180/1.625	240	1.550	TI	\$3,195.46	2	

## DARRELL LANIGAN



PHOTO BY MIKE RUEFER

### ACCOMPLISHMENTS:

- 2008 WOO CHAMPION
  - 2003 DTWC WINNER
  - 2003 DREAM WINNER
  - WORLD OF OUTLAWS LATE MODEL SERIES ALL-TIME WINNINGEST DRIVER
- ENGINE BUILDER: CORNETT RACING ENGINES



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 1600 (TRIM TO FIT), MR. GASKET 143
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.180 X 5.550 o.a.l. (50° SEAT ANGLE)
- Exhaust Valves: 1.625 X 5.550 o.a.l. (45° SEAT ANGLE)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## **-13™ SERIES** **13° CYLINDER HEADS**

With the introduction of the new KC 13, BRODIX adds yet another weapon to its arsenal of cutting edge cylinder heads. Due to the use of our unique "Total Control" process, the KC 13 is unmatched in both quality and performance. It utilizes a 13° valve angle, moved valve centerlines, and a 47 cc wet flow friendly combustion chamber. This 100% CNC ported offering from BRODIX is destined to become the industry standard.



- Flows 370 cfm CNC Ported
- 283 cc Intake Ports
- New 13° Valve Angle
- Exhaust Pattern - Compatible With 18° Standard Chevrolet
- 100% CNC Ported

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1600 (TRIM TO FIT), MR. GASKET 143
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1407
- Head Studs: SK HSSB 13 (ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 13°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 85/134
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 85/134 SPACING, CHECK HEADS  
FOR INTAKE OFFSET - T&D 2126, JESEL KPS 32342
- Lifters: .180 OFFSET
- Pistons: SPECIAL 13°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: 5°
- Valve Centerline: 85/134
- Intake Manifold: HV 1300 / HV 1301 / Edelbrock 2955 / Edelbrock 2958

**SMALL BLOCK CHEVY COMPATIBLE HEADS**



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
KC 13 STD	2.180 X 50° INTAKE	159	239	307	352	359	364	370
(CNC Ported)	1.625 X 45° EXHAUST	113	164	213	236	247	258	263

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
13 STD CNC BARE	1230000							\$1,853.38	2
KC 13 STD BARE	1238000	283	47					\$4,418.72	2
KC 13 STD PKG	1238100	283	47	2.180/1.625	240	1.550	TI	\$5,248.88	2
KC 13 STD PKG	1238101	283	47	2.180TI/1.625ST	240	1.550	TI	\$6,141.30	2
KC 13 STD PKG	1238102	283	47	2.180TI/1.625TI	240	1.550	TI	\$7,028.18	2

• Dual Exhaust Bolt Pattern

• Raised Intake Port



• Available With Copper or Ductile Iron Valve Seats

• Center Cylinder Valve Placement

## SHANE CLANTON



### ACCOMPLISHMENTS:

- 2012 DREAM 100 WINNER
  - 2010 FIRECRACKER 100 WINNER
  - 2008 WORLD 100 WINNER
  - 16 WORLD OF OUTLAW A-MAIN WINS
- ENGINE BUILDER: CLEMENTS AUTOMOTIVE

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

## **-16™ SERIES 16° CYLINDER HEADS**

BRODIX proves that variety is the spice of life with yet another head for the small block Chevy faithful. This 16 degree masterpiece was designed with dirt late model and drag racing in mind. It features a new 16 degree valve angle, a highly efficient and raised spark plug location, moved valve centerlines, and a specially designed combustion chamber. This head is available 100% CNC ported.



### **Cylinder Head Specifications**

	INTAKE PORT	CHAMBER VOLUME	VALVE SIZES INTAKE/EXHAUST
KC 16 STD	269 cc	49 cc	2.180/1.625

### **Flow Chart cfm @ 28" H<sub>2</sub>O**

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700
KC 16 STD	2.180 X 50° INTAKE	142	211	277	332	367	379
(CNC Ported)	1.625 X 45° EXHAUST	119	161	198	233	252	261

### **Facts and Related Components**

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1600 (TRIM TO FIT), MR. GASKET 143
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1407
- Head Studs: ARP 234-4726 (CAST IRON BLOCK)  
BRODIX SK HSSB 16 (ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, NO LARGER OR DEEPER
- Valve Angle: 16°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 58/107
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 58/107 SPACING, CHECK HEADS FOR INTAKE OFFSET - T&D 2125, JESEL KPS 10509
- Lifters: .180 OFFSET
- Pistons: SPECIAL 16°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: 5°
- Valve Centerline: 58/107
- Intake Manifold: Edelbrock 2955 / Edelbrock 2958
- Dual Pattern Exhaust

## **LM™ SERIES 12° CYLINDER HEADS**

The 100% CNC ported LM 12 STD is the latest in dirt late model technology. It features a 12° valve angle, 85 / 134 valve spacing, and newly designed intake and exhaust ports. The intake port on this head flows 387 cfm with a 2.180 valve. The exhaust port flows 270 cfm with a 1.625 valve.



### **Cylinder Head Specifications**

	INTAKE PORT	CHAMBER VOLUME	VALVE SIZES INTAKE/EXHAUST
WP LM 12 STD	300 cc	49 cc	2.180/1.625

### **Flow Chart cfm @ 28" H<sub>2</sub>O**

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800
WP LM 12 STD	2.180 INTAKE	155	236	305	352	375	384	386	387
(CNC Ported)	1.625 EXHAUST	111	155	215	243	254	263	267	270

### **Facts and Related Components**

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1215
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: FEL-PRO 1407
- Head Studs: BRODIX SK HSSB 13 (ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 - NO LARGER OR DEEPER
- Valve Angle: 12°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Pushrods: SPECIAL LENGTH
- Rocker Arms: SHAFT SYSTEM - T&D 22076
- Lifters: .180 OFFSET
- Valve Centerline: 85/134
- Intake Manifold: TBA

# CANTED VALVE™ SERIES 14° CYLINDER HEADS

The BRODIX canted valve is in a league of its own and is still one of the best flowing small block heads available. This head has valve angles of 14° and 4° on the intake and 10° and 2° on the exhaust. The canted valve cylinder head is best used with racing gas. The intake may easily flow over 400 cfm with the exhaust port flowing in the 250 cfm range when completely ported. An extremely high intake port and a tall, radiused intake short side are just a few of the features of this state-of-the-art cylinder head.



## Cylinder Head Specifications

	INTAKE PORT	CHAMBER VOLUME	VALVE SIZES INTAKE/EXHAUST
CV SP 265	265 cc	54 cc	2.200/1.600
CV SP 330	330 cc	54 cc	2.200, 2.250/1.600

## Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
CV SP 265 (Hand Ported)	2.200 INTAKE	159	232	293	347	379	389	395
	1.600 EXHAUST	109	145	188	221	237	239	244
CV SP 330 (Hand Ported)	2.250 INTAKE	165	243	305	350	376	383	392
	1.600 EXHAUST	116	158	193	234	245	249	254

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1901 (CV SP 265)  
FEL-PRO 89271 (CV SP 330)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464,  
COMETIC C5424
- Head Studs: ARP 234-4312 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX; CALL BRODIX BEFORE  
INSTALLING 1.625 SPRINGS (CENTER  
SPRINGS MAY HIT)
- Valve Angle: 14° AND 4° INTAKE, 10° AND 2° EXHAUST
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: LEFT BARE AND UN CUT
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM - T&D 2240, JESEL KPS 06048
- Lifters: .180 OFFSET
- Pistons: SPECIAL FOR BRODIX CANTED VALVE
- Pushrods: SPECIAL LENGTH
- Valve Covers: VC 190
- Special Tools: MS MAC - TORQUE UPPER ROW OF HEAD STUDS
- Center Two Head Stud Nuts: BR CV CN
- Center Two Exhaust Springs Must Be Removed While Torquing Heads
- Intake Manifold: HV 1900

# 90™ V6 SERIES 23° CYLINDER HEADS

The 90° V6 head is another fine product offered by BRODIX. The V6 cylinder head is available in two different intake ports. The V6 -8 is for a low rpm, Pro Street style engine. The V6 -10 is for a larger cubic inch engine, higher rpm range, and racing environment. The BRODIX V6 heads are made of virgin A-356 aluminum material and have ductile iron seats and solid phosphorous bronze guides. Helicoils are installed in the rocker stud bosses to assure stability.



## Cylinder Head Specifications

	INTAKE PORT	CHAMBER VOLUME	VALVE SIZES INTAKE/EXHAUST
V6 -8	194 cc	67 cc	2.080/1.600
V6 -10	210 cc	67 cc	2.080/1.600

## Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
V6 -8	2.080 INTAKE	134	191	230	240			
	1.600 EXHAUST	110	139	155	161			
V6 -10	2.080 INTAKE	145	195	240	253	262	262	262
	1.600 EXHAUST	110	139	155	161	166	168	168

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1203
- Valve Cover Gaskets: FEL-PRO 1601
- Head Gaskets: FEL-PRO 1002
- Exhaust Gaskets: FEL-PRO 1403
- Head Bolts: MANLEY 42313 (V8 KIT)
- Head Bolt Washers: MANLEY 42102 (V8 KIT)
- Head Studs: ARP 234-4301 (V8 KIT)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION RN12YC OR AUTOLITE 3924  
FOR PUMP GAS  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 23°
- Angle Milling: .0078 in PER cc
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: NOT APPLICABLE
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Valve Centerline: STANDARD
- Intake Manifold: Edelbrock Performer 90° V6 (Dual Plane)
- Available with Straight or Angle Plug

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 1550
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.180 X 5.850 o.a.l.
- Exhaust Valves: 1.625 X 5.850 o.a.l.
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## **-15™ SERIES** **15° CYLINDER HEADS**

The CNC ported 15 is one of the latest in a long line of heads designed by BRODIX for the dirt late model market. This new creation features a 15 degree valve angle, specially raised and shaped intake and exhaust ports, and a newly designed chamber and spark plug angle that works well with any type of fuel. These new 15 degree heads are available 100% CNC ported in several different configurations.



- 100% CNC Ported
- +30 hp Over 18° Head
- Spread Port Exhaust



- Relocated Spark Plug Angle
- Exhaust Pattern - Compatible With 18° Standard Chevrolet

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 1550
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464, COMETIC C5424  
STANDARD - BRODIX MG 1506
- Head Studs: BRODIX SK HS 15C/18C AP (BRODIX ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, NO LARGER OR DEEPER
- Valve Angle: 15°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 58/107
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 58/107 SPACING, CHECK HEADS FOR INTAKE OFFSET - T&D 2239, JESEL KPS 306114, CROWER 7417F
- Lifters: .180 OFFSET
- Pistons: SPECIAL 15°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: 5°
- Valve Centerline: 58/107
- Intake Manifold: HV 1500 / HV 1501

**SPECIAL INTAKE GASKETS AND  
SPREAD PORT EXHAUST GASKETS  
ARE AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700
WP 15 SP (CNC Ported)	2.180 INTAKE	156	225	275	327	358	362
	1.625 EXHAUST	111	164	223	245	254	259
WP 15 STD (CNC Ported)	2.180 INTAKE	156	225	275	327	358	362
	1.625 EXHAUST	111	164	223	245	254	259

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
WP 15 SP BARE	1258000	267	51					\$4,252.60	2
WP 15 SP PKG	1258100	267	51	2.180TI/1.625ST	240	1.550	TI	\$5,278.64	2
WP 15 STD BARE	1258001	267	51					\$4,465.24	2
WP 15 STD PKG	1258101	267	51	2.180TI/1.625ST	240	1.550	TI	\$5,278.64	2

• Center Cylinder Valve Placement

• Sturdy Rocker Pads



• Center Water Circulation

• 15° Valve Angle

• 58/107 Valve Centerline

## JON SEAMAN



## SHAFIROFF RACING ENGINES



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1263 (WP 12 SP RI, WP 12 SP RI MC)  
MATCH INTAKE PORT TO FP 1209 (KC 12 SP B, STS 12 SP W B MC)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.150 X 5.440 o.a.l. - BR 60415 (40/60)  
2.200 X 5.440 o.a.l. (70/125)
- Exhaust Valves: 1.600 X 5.440 o.a.l. - BR 60044
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

**-12™ SERIES**

**15° CYLINDER HEADS**

In the mid 1980's, BRODIX was the first company to offer a "rolled over" valve angle cylinder head. Since then, the -12 cylinder head has won thousands of late model and sprint car races and is still winning races today. BRODIX has taken this design even further by adding raised intake ports, several valve spacings, and more efficient combustion chambers. The -12 cylinder head is available in several port sizes to fulfill our customers' needs.



- Spread Port Exhaust
- 10° Intake Flange
- Exclusive Spark Plug Angle
- Available CNC Ported
- A-356 Virgin Aluminum; Easily Repaired
- Excellent Nitrous Head
- Best Wet Flowing Combustion Chamber

**SPECIAL SPREAD PORT EXHAUST GASKETS ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1263, ASK FOR COMETIC PART NUMBER (WP 12 SP RI, WP 12 SP RI MC)  
FEL-PRO 1209 (KC 12 SP B, STS 12 SP W B MC)
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464 (TRIM TO FIT), COMETIC C5424
- Head Studs: ARP 234-4723 (12 pt WITH 3/8 CENTER STUDS)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 - NO LARGER OR DEEPER
- Valve Angle: 15°
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: 40/60, 58/107, 70/125
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 40/60, 58/107 OR 70/125 SPACING, CHECK HEADS FOR INTAKE OFFSET  
40/60 - TD 2206, JESEL KPS 01204  
58/107 - TD 2207  
70/125 - TD 22071
- Lifters: .180 OFFSET
- Pistons: SPECIAL 15°
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: BRODIX 10° STANDARD
- Valve Centerline: 40/60 (WP 12 SP RI, KC 12 SP B)  
58/107 (WP 12 SP RI MC)  
70/125 (STS 12 SP W B MC)
- Intake Manifolds: MS 89 (WP 12 SP RI)  
N/A (WP 12 SP RI MC)  
HV 1200 / HV 1201 (KC 12 SP B,  
STS 12 SP W B MC)

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

**SMALL BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700
WP 12 SP RI - 247 (CNC Ported)	2.150 INTAKE	152	230	284	316	326	330
	1.600 EXHAUST	120	170	216	233	240	248
WP 12 SP RI - 262 (CNC Ported)	2.150 INTAKE	150	228	282	322	330	335
	1.600 EXHAUST	120	170	216	233	240	248
WP 12 SP RI MC - 262 (CNC Ported)	2.170 INTAKE	155	224	282	329	335	347
	1.600 EXHAUST	117	177	218	231	240	247
KC 12 SP B (CNC Ported)	2.150 INTAKE	155	230	284	320	343	354
	1.600 EXHAUST	120	168	216	232	240	247
STS 12 SP W B MC (CNC Ported)	2.200 INTAKE	159	233	290	334	361	372
	1.600 EXHAUST	106	145	190	221	235	247

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
12 SP P BARE	1150004	230	68					\$2,019.56	2
12 SP B BARE	1150000	270	68					\$2,019.56	2
12 SP B MC BARE	1150001	270	68					\$2,019.56	2
12 SP W B BARE	1150005	280	68					\$2,019.56	2
12 SP W B MC BARE	1150006	280	68					\$2,019.56	2
KC 12 SP B BARE	1158000	287	61					\$2,947.02	2
KC 12 SP B PKG	1158100	287	61	2.150/1.600	240	1.550	TI	\$3,511.14	2
KC 12 SP B BARE W/DN	1158001	287	61					\$3,197.14	2
WP 12 SP B PKG W/DN	1158101	287	61	2.150/1.600	240	1.550	TI	\$4,898.38	2
KC 12 SP B SPECIAL	1159000	CUSTOM ORDER						CALL FOR PRICING	2
WP 12 SP RI 247 BARE	1158005	247	60					\$4,084.14	2
WP 12 SP RI 247 PKG	1158102	247	60	2.150/1.600	240	1.550	TI	\$4,648.26	2
WP 12 SP RI 247 BARE W/DN	1158006	247	60					\$4,334.26	2
WP 12 SP RI 247 PKG W/DN	1158103	247	60	2.150/1.600	240	1.550	TI	\$4,898.38	2
WP 12 SP RI 262 BARE	1158002	262	60					\$4,084.14	2
WP 12 SP RI 262 PKG	1158104	262	60	2.150/1.600	240	1.550	TI	\$4,648.26	2
WP 12 SP RI 262 BARE W/DN	1158003	262	60					\$4,334.26	2
WP 12 SP RI 262 PKG W/DN	1158105	262	60	2.150/1.600	240	1.550	TI	\$4,898.38	2
STS 12 SP WB MC BARE	1158004	305	69					\$2,947.02	2
STS 12 SP WB MC PKG	1158106	305	69	2.200/1.600	240	1.550	TI	\$3,511.14	2

• CNC Ported in Several Different Port Volumes



• Proven Performer

• Center Flow Water Circulation

## MIKE FERDERER

"THE WINNINGEST DRIVER IN NHRA SUPER GAS HISTORY"



**K&N FILTERS**

### ACCOMPLISHMENTS:

• MULTI-TIME NHRA WORLD CHAMPION

### PRODUCTS:

• BRODIX PB 1802 HEADS AND  
BRODIX 8B 5000 BLOCK



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2200
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.230 X 6.250 o.a.l. - BX 2230-625T, 52° (WP DR 1213)  
2.200 X 6.090 o.a.l. - BX 2200-609T (GB 2000, GB 2200)  
2.200 X 6.250 o.a.l. - BX 2200-625T (GB 2300)  
2.200 X 6.350 o.a.l. - BX 2200-635T (GB 2400)
- Exhaust Valves: 1.580 X 6.090 o.a.l. - BR 91580 (GB 2000, GB 2200)  
1.580 X 6.250 o.a.l. - BR 91582, BX 1580-625 T 25, 45°  
(WP DR 1213, GB 2300)  
1.580 X 6.350 o.a.l. - BR 91535D, BX 1580-635 T 25  
(GB 2400)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT  
1.550 ROLLER VALVE SPRING - IS 9985, 260 lb  
CLOSED, 600 lb OPEN, 1.950 INSTALLED  
HEIGHT, .800 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## GB 2000™ SERIES AND DR 1213™

### 13.5° CYLINDER HEADS

The BRODIX GB Series is in a class by itself. These 13.5° valve angle heads were designed with sprint cars, late models, and drag racing in mind. The GB 2000 series features improved spark plug angles, highly efficient combustion chambers, raised intake ports, moved valve centerlines, and a raised valve cover rail. The latest evolution of the GB head is the DR 1213 which features a 13.5° exhaust valve angle and a 12.5° intake valve angle for even greater air flow. Special components required for the GB 2000 series and DR heads are injectors or modified intake manifold, sheet metal valve covers, and a shaft rocker system. Call one of our technicians to match a GB series head to your particular application.

#### GB Series

- Highest Intake Port Location in the Industry
- CNC Ported in Several Versions
- 5° Intake Flange
- Flows Over 390 cfm CNC Ported
- Larger Water Jacket for Maximum Circulation

#### DR Series

- Spread Port Exhaust
- Flows Over 430 cfm CNC Ported

## Facts and Related Components

- Torque Heads: 70 ft-lb
  - Torque Rocker Studs: 40-45 ft-lb
  - Intake Gaskets: BRODIX MG 2200, COMETIC C5423
  - Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
  - Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464 (TRIM TO FIT), COMETIC C5422
  - Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX -  
BRODIX BR HSRP/GB CI BLOCK (GB 2000)  
BRODIX BR HSGB 2200 CI BLK (GB 2200)
  - Accessory Bolt Holes Are Drilled
  - Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
  - Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
  - Valve Angle: 13.5°
  - Angle Milling: NOT AVAILABLE
  - Flat Milling: .0060 in PER cc
  - Angle Machining: NOT AVAILABLE
  - Pushrod Slots: LEFT BARE AND UNCUT
  - Stud Girdle: NOT AVAILABLE
  - Rocker Arms: SHAFT SYSTEM WITH 85/125 SPACING - T&D 2221,  
JESEL KPS 20592 (GB SERIES), 95/150 SPACING  
- T&D 2221, JESEL KPS 411164 (WP DR 1213),  
CHECK HEADS FOR INTAKE OFFSET
  - Lifters: .180 OFFSET
  - Pistons: SPECIAL 13.5° WITH -12 SPARK PLUG ANGLE
  - Pushrods: SPECIAL LENGTH
  - Intake Face Angle: BRODIX 5°
  - Valve Covers: SHEET METAL
  - Valve Centerline: 95/150 (WP DR 1213)  
85/125 (WP GB 2000\*, WP GB 2200, WP GB 2200+30)  
75/125 (WP GB 2300)  
75/150 (WP GB 2400)
  - Intake Manifold: Fuel Injection (WP DR 1213, WP GB 2300, WP GB 2400)  
GM # 24502653 / Edelbrock # 2955 With BRODIX  
Spacers and Valley Plate (WP GB 2000\*, WP GB 2200,  
WP GB 2200+30)
- \* WP GB 2000 are available in several intake port sizes. Ask a BRODIX representative which size would best fit your application.

SMALL BLOCK CHEVY COMPATIBLE HEADS



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
WP DR 1213 (CNC Ported)	2.230 INTAKE	141	221	295	351	396	421	435
	1.580 EXHAUST	105	159	210	237	252	262	268
WP GB 2000 - 286 (CNC Ported)	2.200 INTAKE	157	238	302	353	381	399	
	1.580 EXHAUST	109	152	205	232	241	250	
WP GB 2200 - 282 (CNC Ported)	2.200 INTAKE	150	223	286	336	368	383	
	1.580 EXHAUST	104	158	210	235	246	252	
WP GB 2200 - 282+30 (CNC Ported)	2.200 INTAKE	150	224	289	337	371	396	
	1.580 EXHAUST	104	158	210	235	246	252	
WP GB 2300 - 309 (CNC Ported)	2.200 INTAKE	153	231	286	342	374	394	
	1.580 EXHAUST	100	151	216	243	250	253	
WP GB 2400 - 325 (CNC Ported)	2.200 INTAKE							
	1.580 EXHAUST							

CALL FOR FLOW NUMBERS

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
DR 1213 BARE	1160000	315	49					\$2,480.42	2
WP DR 1213 BARE	1168000	315	49					\$5,972.04	2
WP DR 1213 PKG	1168100	315	49	2.230TI/1.600TI	250	1.560	TI	\$3,993.34	1
GB 2000 BARE	1130000	265	64					\$2,071.42	2
GB 2000 SPECIAL	1139002	CUSTOM ORDER						CALL FOR PRICING	2
WP GB 2000 L BARE	1138000	286	76					\$5,521.52	2
WP GB 2000 BARE	1138001	286	76					\$4,588.68	2
WP GB 2000 L PKG	1138100	286	76	2.200TI/1.580ST	240	1.550	TI	\$3,520.04	1
WP GB 2000 PKG	1138101	286	76	2.200TI/1.580ST	240	1.550	TI	\$3,053.62	1
WP GB 2000 L SPECIAL	1139000	CUSTOM ORDER						CALL FOR PRICING	2
WP GB 2000 SPECIAL	1139001	CUSTOM ORDER						CALL FOR PRICING	2
WP GB 2200 BARE	1138006	282	69					\$5,077.18	2
WP GB 2200 L BARE	1138002	282	69					\$5,679.28	2
WP GB 2200 PKG	1138104	292	69	2.200TI/1.580ST	240	1.550	TI	\$3,748.75	1
WP GB 2200 L PKG	1138105	292	69	2.200TI/1.580ST	240	1.550	TI	\$4,049.80	1
WP GB 2300 BARE	1138007	309	49					\$5,077.18	2
WP GB 2300 L BARE	1138003	309	49					\$5,679.28	2
WP GB 2300 PKG	1138106	309	49	2.200TI/1.580ST	240	1.550	TI	\$3,748.75	1
WP GB 2300 L PKG	1138107	309	49	2.200TI/1.580ST	240	1.550	TI	\$4,049.80	1
WP GB 2400 BARE	1138004	325	53					\$5,077.18	2
WP GB 2400 L BARE	1138005	325	53					\$5,679.28	2
WP GB 2400 PKG	1138102	325	53	2.200TI/1.580ST	240	1.550	TI	\$3,337.46	1
WP GB 2400 L PKG	1138103	325	53	2.200TI/1.580ST	240	1.550	TI	\$3,773.00	1

**SPECIAL INTAKE GASKETS AND  
SPREAD PORT EXHAUST GASKETS  
ARE AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**



Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: O-RINGED (1.435 X 2.100)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.180 X 5.950 X 5/16
- Exhaust Valves: 1.600 X 5.950 X 5/16
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 5/16 - CC 610
- Valve Seals: 5/16 - CC 500

## AK™ SERIES

## 13° CYLINDER HEADS

The AK series is the latest in sprint car technology. This head offers new features such as: a 13° valve angle, a relocated spark plug and down nozzle location, and a 95/150 valve spacing. The BP AK head is offered in two intake port sizes, 270 cc and 285 cc. Special components required for these heads are injectors, sheet metal valve covers, and a shaft rocker system.



- 5/16 Valves Available
- 2.180 Intake Valves
- Down Nozzles Drilled Upon Request
- Spread Port Exhaust

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: O-RINGED
- Head Gaskets: 350 - FEL-PRO 1003, COMETIC C5399  
400 - FEL-PRO 1004, COMETIC C5403
- Exhaust Gaskets: SPREAD PORT - BRODIX MG 52464  
(TRIM TO FIT), COMETIC C5424
- Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX -  
BRODIX BR HSAP (ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 13°
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0060 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrods: SPECIAL LENGTH
- Rocker Arms: SHAFT SYSTEM - T&D 2341, JESEL KPS 20592
- Lifters: .180 OFFSET
- Pistons: SPECIAL 13°
- Intake Face Angle: 5°
- Valve Centerline: 95/150
- Intake Manifold: Fuel Injection

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

SMALL BLOCK CHEVY COMPATIBLE HEADS

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
BP AK 270 (CNC Ported)	2.180 INTAKE	154	236	298	333	361	373	376
	1.600 EXHAUST	110	161	213	238	248	256	258
BP AK 285 (CNC Ported)	2.180 INTAKE	157	239	298	339	369	378	382
	1.600 EXHAUST	110	161	213	238	248	256	258

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
AK 270 BARE	1310000							\$1,400.00	2
BP AK 270 BARE	1318000	270	52					\$2,898.00	2
BP AK 270 L BARE	1318001	270	52					\$3,174.00	2
BP AK 285 BARE	1318002	285	52					\$2,898.00	2
BP AK 285 L BARE	1318003	285	52					\$3,174.00	2
BP AK 270 SPECIAL	1319000	CUSTOM ORDER					CALL FOR PRICING		2
BP AK 285 SPECIAL	1319001	CUSTOM ORDER					CALL FOR PRICING		2

• 52 cc

• 95/150 Valve Centerline

• Available Lightened



• O-Ringed Intake Face

• Available in Two Intake Port Volumes, 270 and 285 cc

• 1.600 Exhaust Valves

### STEVE KINSER



PHOTO BY SCOTT SWENSON

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO COMETIC C5421
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.200 X 6.090 o.a.l. - BX 2200-609T (BD 2000)  
2.200 X 6.250 o.a.l. - BX 2200-625T (BD 1010)  
2.230 X 6.250 o.a.l. - BX 2230-625T (BD 2300)
- Exhaust Valves: 1.580 X 6.090 o.a.l. - BR 91580 (BD 2000)  
1.580 X 6.250 o.a.l. - BX 1580-625T 25 (BD 1010)  
1.600 X 6.250 o.a.l. (BD 2300)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V

## BD™ SERIES 12° AND 13.5° CYLINDER HEADS

The BRODIX BD series is the latest in cylinder head technology. This symmetrical port design virtually eliminates head gasket problems that have plagued the small block Chevy for decades. The BD heads are available CNC ported in several port volumes. Special components needed for proper installation include: injector or intake manifold, headers, shaft rocker system, sheet metal valve covers, head stud kit, and camshaft core.



- Symmetrical Intake and Exhaust Port
- Wet Flow Technology at Its Finest
- Steam Evacuation in Intake Face
- 5° Intake Flange
- "Line of Sight" Intake Ports
- Highly Efficient Combustion Chambers
- Maximum Head Gasket Sealing
- A-356 Virgin Aluminum; Easily Repaired

**SPECIAL INTAKE GASKETS AND  
SPREAD PORT EXHAUST GASKETS  
ARE AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: COMETIC C5404
- Head Gaskets: 350 - COMETIC C5404  
400 - COMETIC C5408
- Exhaust Gaskets: COMETIC C5420
- Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX -  
BRODIX BR HS/BD CI BLOCK (CAST IRON BLOCK)  
BRODIX SKHS BD (ALUMINUM BLOCK)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: 1.550 OUT OF THE BOX, MAY BE CUT TO 1.625 -  
NO LARGER OR DEEPER
- Valve Angle: 13.5° (BD 2000, BD 2300)  
12° (BD 1010)
- Angle Milling: .0065 in PER cc
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: SPECIFY PER APPLICATION
- Stud Girdle: NOT AVAILABLE
- Rocker Arms: SHAFT SYSTEM WITH 85/125 OR 58/125 SPACING,  
CHECK HEADS FOR INTAKE OFFSET - T&D 2223  
(BD 2000), T&D 22201 (BD 1010), JESEL KPS 20693
- Lifters: .180 OFFSET RIGHT (8) AND .180 OFFSET LEFT (8)
- Pistons: BD 2000 - 13.5° WITH -12 SPARK PLUG ANGLE (#1 CYLINDER)  
BD 2300 - CUSTOM  
BD 1010 - SPECIAL 12° (#1 CYLINDER)
- Pushrods: SPECIAL LENGTH
- Intake Face Angle: BRODIX 5°
- Valve Covers: SHEET METAL
- Valve Centerline: 85/125 (WP BD 2000)  
95/150 (WP BD 2300)  
58/125 (WP BD 1010)
- Intake Manifold: BM 100 / BM 102 WITH VALLEY TRAY REQUIRED -  
AVAILABLE EXCLUSIVELY FROM BRODIX.

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700	0.750	0.800
WP BD 2000 (CNC Ported)	2.200 INTAKE	157	238	302	353	381	389	399		
	1.580 EXHAUST	109	152	205	232	241	247	250		
WP BD 2300 (CNC Ported)	2.230 INTAKE	150	223	275	331	382		401	410	417
	1.600 EXHAUST	113	164	219	246	256		262	265	267
WP BD 1010 (CNC Ported)	2.200 INTAKE	152	229	292	343	375	383	388		
	1.580 EXHAUST	117	162	220	245	255	257	260		

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BD 1010 BARE (12°)	1200001	265	64					\$1,390.42	1
BD 2000 BARE (13.5°)	1200000	265	64					\$1,390.42	1
BD 2000 SPECIAL	1209000	CUSTOM ORDER					CALL FOR PRICING		1
WP BD 1010 BARE (12°)	1208001	299	64					\$2,644.18	1
WP BD 1010 PKG (12°)	1208101	299	64	2.200TI/1.580ST	240	1.550	TI	\$3,402.70	1
WP BD 2000 BARE (13.5°)	1208000	285	74					\$2,644.18	1
WP BD 2000 PKG (13.5°)	1208100	285	74	2.200TI/1.580ST	240	1.550	TI	\$3,402.70	1
WP BD 2000 SPECIAL	1209001	CUSTOM ORDER					CALL FOR PRICING		1
WP BD 2300 BARE (13.5°)	1208002	311	49					\$2,904.52	1

### WP BD 2300

• May Be Drilled for Down Nozzles

• Flows Over 410 cfm



• 2.230 Intake Valves

• 311 cc Intake Ports

• 1.600 Exhaust Valves

## TERRY PHILLIPS



PHOTO BY MIKE RUEFER

#### ACCOMPLISHMENTS:

- 6-TIME MARS DIRT CAR CHAMPION
- 80 MARS WINS
- TWO LUCAS OIL MLRA TITLES
- 16 NCRA FEATURE WINS

ENGINE BUILDER: HATFIELD RACING ENGINES



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO MG 2021
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.400 X 6.030 o.a.l. - BR 81403
- Exhaust Valves: 1.800 X 5.930 o.a.l. - BR 81080
- Valve Springs: 1.645 ROLLER VALVE SPRING - CC 947 OR CC 948, 315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED HEIGHT, .850 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.625 10° TITANIUM - MA 23640  
1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Valve Seals: 11/32 - US VS529V (1.625 SPRING)  
11/32 - US VS485V (1.645 SPRING)

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Stands: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2021
- Head Gaskets: 4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1412
- Valve Cover Gaskets: BRODIX MG 2020
- Head Studs: BRODIX SK HS SR 20 FOR BRODIX ALUMINUM BLOCK
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.750
- Valve Angle: 20°
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE
- Pushrod Slots: SPECIAL
- Stud Girdle: N/A
- Rocker Arms: JESEL OR T&D SHAFT SYSTEM -  
JESEL KPS 441184, T&D 3142
- Lifters: STANDARD
- Pistons: SPECIAL
- Pushrods: SPECIAL LENGTH
- Valve Covers: BR SR 20 VC
- Intake Manifold: BM 2020 (STANDARD)  
BM 2021 (TALL DECK)
- 4.600 MINIMUM BORE

**NEW**

**SR 20 SERIES**

**20° CYLINDER HEADS**

The new SR 20 from BRODIX is at the cutting edge of conventional big block Chevy compatible technology. This new offering raises the bar to a level that is unreachable by the competition! Inspired by TPSA technology, the SR 20 surpasses any other head in its class by leaps and bounds. Utilizing a .500" raised 440 cc intake port with a 2.400 intake valve, this head flows an unheard of 507 cfm. The exhaust port flows an amazing 335 cfm through only a 1.800 valve. To allow for the newly designed 95 cc combustion chamber, the intake valve angle of this head has been rolled to 20 degrees. This head requires pistons, valve covers, head studs, shaft rockers, and an intake manifold designed specifically for the SR 20. As always, these heads come standard with all the fine qualities that only BRODIX has to offer.

- 100% CNC Ported
- Copper Exhaust Seats
- Ductile Iron Intake Seats

**NEW**

**BIG BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
BP SR 20 (CNC Ported)	2.400 INTAKE 50°	161	242	326	399	455	487	498	507
	1.800 EXHAUST 55°	129	176	216	254	291	308	326	335

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BP SR 20 BARE	2208000	440	95	2.400/1.800				\$2,665.82	1
BP SR 20 PKG	2208100	440	95	2.400/1.800	315	1.645	TI	\$3,239.29	1

## EDMOND RICHARDSON

Honored as One of the Top 50 Drivers in NHRA History



### ACCOMPLISHMENTS:

- 4-TIME NHRA WORLD CHAMPION
- 16-TIME NHRA DIVISION CHAMPION
- 46 NHRA CAREER NATIONAL EVENT TITLES
- 5 MULTI-WIN NATIONAL EVENTS
- "DOUBLED" MORE THAN ANYONE IN DRAG RACING HISTORY

ENGINE BUILDER: SUNSET RACECRAFT RACING ENGINES

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1211 (RR BB-R)  
MATCH INTAKE PORT TO FP 1210 (RR BB-O)  
MATCH INTAKE PORT TO BRODIX MG 2001 (RR BB-2 PLUS,  
STS RR BB-2 PLUS)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.250 X 5.218 o.a.l. - BR 81040  
2.190 X 5.230 o.a.l. - BR 70019
- Exhaust Valves: 1.880 X 5.394 o.a.l. - BR 81038
- Valve Springs: 1.550 HYDRAULIC ROLLER VALVE SPRING -  
BT 120121, 140 lb CLOSED, 400 lb OPEN, 1.950  
INSTALLED HEIGHT, .600 MAXIMUM LIFT  
1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT  
1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED  
HEIGHT, .800 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.550 10° STEEL - CC 752  
1.625 10° TITANIUM - MA 23640
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 3/8 - CC 4806
- Valve Seals: 11/32 - US VS529V

# RACE-RITE®

## BIG BLOCK SERIES

### 26° CYLINDER HEADS

Finally, the most user-friendly big block head on the market has been developed. BRODIX is now manufacturing a cylinder head that bolts directly in place of stock cast iron heads allowing reuse of the intake manifold and pistons. The most important improvement is that the exhaust ports are in the stock location eliminating header or manifold interference. The Race-Rite® rectangular or oval port is the answer for more horsepower, a hassle-free installation, and a great-looking engine compartment.

+90 hp!

# Race-Rite®

- Ductile Iron Valve Seats for Use With Unleaded Fuel
- A-356 Virgin Aluminum; Easily Repaired
- Exhaust Ports in Stock Location (Eliminates Clearance Problems)
- Bulletproof Rocker Stands
- Completely Machined Valve Cover Rail
- Air Conditioner Bracket Holes
- Ends Milled and Drilled for Accessories
- High Torque Intake Ports

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1211 (RR BB-R)  
FEL-PRO 1210, COMETIC C5430 (RR BB-O)  
BRODIX MG 2001, COMETIC C5428,  
FEL-PRO 1252-3 (RR BB-2 PLUS, STS RR BB-2 PLUS)
- Head Gaskets: 4.310 - FEL-PRO 1027, COMETIC C5432  
4.540 - FEL-PRO 1017, COMETIC C5433
- Exhaust Gaskets: FEL-PRO 1411, COMETIC C5429
- Head Bolts: ARP 135-3601
- Head Studs: ARP 135-4001 (6 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION RN12YC FOR PUMP GAS  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY BE STEP CUT TO 1.625 - CALL FOR DETAILS
- Valve Angle: 26° and 4° INTAKE, 17° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: AVAILABLE UPON REQUEST
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: STANDARD, BRODIX 1230
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Pistons: STANDARD
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD  
INSTALLED ON THE ENGINE BLOCK BEFORE  
FINAL ASSEMBLY
- Intake Manifold: HV 2000 / HV 2001 / HV 2016 (RR BB-R, RR BB-2 PLUS, STS RR BB-2 PLUS)  
Edelbrock #7561 / HV 2007 / HV 2008 / HV 2017 (RR BB-O)

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WWW.BRODIX.COM

479-394-1075

BIG BLOCK CHEVY COMPATIBLE HEADS



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
RR BB-R	2.250 INTAKE	160	226	276	314	337	341	342
	1.880 EXHAUST	116	145	172	196	217	230	236
RR BB-R (CNC Combustion Chambers)	2.250 INTAKE	161	228	281	321	339	343	346
	1.880 EXHAUST	112	146	178	203	222	230	235
RR BB-O	2.250 INTAKE	159	223	270	314	334	336	340
	1.880 EXHAUST	116	145	172	196	217	230	236
RR BB-O (CNC Combustion Chambers)	2.250 INTAKE	160	224	280	321	340	342	344
	1.880 EXHAUST	113	147	179	203	222	231	236
RR BB-2 PLUS	2.250 INTAKE	150	215	265	311	334	340	344
	1.880 EXHAUST	116	145	172	196	217	230	236
STS RR BB-2 PLUS	2.250 INTAKE	162	244	285	328	359		369
	1.880 EXHAUST	126	164	201	228	251		267

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
RR BB-O BARE	2060000	270	119					\$754.80	1
RR BB-O PKG	2061000	270	119	2.250/1.880	140	1.550	ST	\$1,094.46	1
** RR BB-O PKG **	2061001	270	119	2.250/1.880	240	1.550	ST	\$1,094.46	1
RR BB-O PKG	2061002	270	119	2.250/1.880	240	1.550	TI	\$1,219.62	1
RR BB-O PKG	2061003	270	115	2.250/1.880	140	1.550	ST	\$1,149.96	1
RR BB-O PKG	2061004	270	115	2.250/1.880	240	1.550	ST	\$1,149.96	1
RR BB-O PKG	2061005	270	115	2.250/1.880	240	1.550	TI	\$1,275.12	1
RR BB-O PKG	2061006	270	110	2.250/1.880	140	1.550	ST	\$1,215.81	1
** RR BB-O PKG **	2061007	270	110	2.250/1.880	240	1.550	ST	\$1,215.81	1
RR BB-O PKG	2061008	270	110	2.250/1.880	240	1.550	TI	\$1,340.86	1
RR BB-O SPECIAL	2069000	270	CUSTOM ORDER					CALL FOR PRICING	1
RR BB-R BARE	2060001	294	119					\$754.80	1
RR BB-R PKG	2061009	294	119	2.250/1.880	140	1.550	ST	\$1,094.46	1
RR BB-R PKG	2061010	294	119	2.250/1.880	240	1.550	ST	\$1,094.46	1
RR BB-R PKG	2061011	294	119	2.250/1.880	240	1.550	TI	\$1,219.62	1
RR BB-R PKG	2061012	294	115	2.250/1.880	140	1.550	ST	\$1,149.96	1
RR BB-R PKG	2061013	294	115	2.250/1.880	240	1.550	ST	\$1,149.96	1
RR BB-R PKG	2061014	294	115	2.250/1.880	240	1.550	TI	\$1,275.12	1
RR BB-R PKG	2061015	294	110	2.250/1.880	140	1.550	ST	\$1,215.81	1
RR BB-R PKG	2061016	294	110	2.250/1.880	240	1.550	ST	\$1,215.81	1
RR BB-R PKG	2061017	294	110	2.250/1.880	240	1.550	TI	\$1,340.86	1
RR BB-R SPECIAL	2069001	294	CUSTOM ORDER					CALL FOR PRICING	1
RR BB-2 PLUS BARE	2060002	312	119					\$754.80	1
RR BB-2 PLUS PKG	2061018	312	119	2.250/1.880	140	1.550	ST	\$1,094.46	1
RR BB-2 PLUS PKG	2061019	312	119	2.250/1.880	240	1.550	ST	\$1,094.46	1
RR BB-2 PLUS PKG	2061020	312	119	2.250/1.880	240	1.550	TI	\$1,219.62	1
RR BB-2 PLUS PKG	2061027	312	119	2.250/1.880	250	1.625	TI	\$1,332.22	1
RR BB-2 PLUS PKG	2061021	312	115	2.250/1.880	140	1.550	ST	\$1,149.96	1
RR BB-2 PLUS PKG	2061022	312	115	2.250/1.880	240	1.550	ST	\$1,149.96	1
RR BB-2 PLUS PKG	2061023	312	115	2.250/1.880	240	1.550	TI	\$1,275.12	1
RR BB-2 PLUS PKG	2061024	312	110	2.250/1.880	140	1.550	ST	\$1,215.81	1
RR BB-2 PLUS PKG	2061025	312	110	2.250/1.880	240	1.550	ST	\$1,215.81	1
RR BB-2 PLUS PKG	2061026	312	110	2.250/1.880	240	1.550	TI	\$1,340.86	1
STS RR BB-2 PLUS BARE	2068000	320	119					\$1,468.47	1
STS RR BB-2 PLUS PKG	2068101	320	119	2.250/1.880	240	1.550	TI	\$1,824.29	1
STS RR BB-2 PLUS PKG	2068102	320	119	2.250/1.880	250	1.625	TI	\$1,944.66	1
STS RR BB-2 PLUS PKG	2068103	320	115	2.250/1.880	240	1.550	TI	\$1,876.04	1
STS RR BB-2 PLUS PKG	2068104	320	115	2.250/1.880	250	1.625	TI	\$1,996.41	1
RR BB-R COMBO	9992006-3				240	1.550		\$2,906.69	1
RR BB-2 PLUS COMBO	9992008-3				240	1.550		\$2,906.69	1
STS RR BB-2 PLUS COMBO	9992013-3				240	1.550		\$4,595.72	1

\*\* Indicates most popular packages sold. \*\*



ALSO AVAILABLE  
POLISHED



THE RR BB-R™, RR BB-2 PLUS™,  
AND STS RR BB-2 PLUS  
ARE AVAILABLE IN A  
TOP END COMBO KIT (SEE PAGE 2).



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2001
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.250 X 5.218 o.a.l. - BR 81040 (STANDARD PACKAGE)  
2.250 X 5.318 o.a.l. - BR 81140 (SPRING UPGRADE)
- Exhaust Valves: 1.880 X 5.394 o.a.l. - BR 81038 (STANDARD PACKAGE)  
1.880 X 5.494 o.a.l. - BR 81138 (SPRING UPGRADE)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT,  
.700 MAXIMUM LIFT (STANDARD PACKAGE)  
1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED  
HEIGHT, 800 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.550 10° STEEL - CC 752  
1.625 10° TITANIUM - MA 23640
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-41
- Guide Plates: 3/8 - CC 4806
- Valve Seals: 11/32 - US VS529V

## BB-1™, BB-2™ AND BB-2 PLUS™ SERIES 26° CYLINDER HEADS

The BB-1 rectangular port head has a 280 cc intake port and a 119 cc combustion chamber, but may be angle milled to 108 cc or angle machined to 98 cc. The BB-1 is designed for a 396 to 502 engine with a flat tappet or hydraulic cam. Most marine applications use this head for torque and throttle response. The BB-1 also comes completely CNC ported. The 305 cc intake port flows over 370 cfm and has maximum port velocity.

The BB-2 and BB-2 Plus heads work well with a heavy car and smaller engine (427-509 cu in). The BB-2 has a 305 cc intake port and flows 320 cfm; the BB-2 Plus has a 312 cc intake port and flows over 340 cfm with only the bowls blended and the intake ports matched. Both heads may be purchased angle milled to 110 cc. The combustion chambers are 119 cc and are properly shaped for use with either methanol or gasoline, preventing detonation. While creating the BB-2 Plus CNC, the professionals at BRODIX invested many long hours on the flow bench and at the track developing a completely ported cylinder head. The BRODIX porting design was incorporated into a 100% CNC ported masterpiece that can be mass produced. The CNC ported BB-2 Plus castings are CNC ported to a mirror finish and flow within 1% of each other. The bottom line is that our customers can now buy the most accurate, best flowing out-of-the-box cylinder heads available at the best price.

All of these cylinder heads accept standard pistons, intake manifolds, and rocker arms. The exhaust ports are raised .600 higher than stock, and the valve cover rails are now raised to assure no oil leakage.



- Ductile Iron Valve Seats for Use With Unleaded Fuel
- 119 cc Combustion Chambers
- Ends Milled and Drilled for Accessories
- Raised Valve Cover Rail
- A-356 Virgin Aluminum; Easily Repaired
- Reinforced Thick Deck
- Available 100% CNC Ported
- .600 Raised Exhaust Port

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2001, COMETIC C5428, FEL-PRO 1252-3
- Head Gaskets: 4.310 - FEL-PRO 1027, COMETIC C5432  
4.540 - FEL-PRO 1017, COMETIC C5433
- Exhaust Gaskets: FEL-PRO 1411, COMETIC C5429
- Head Bolts: ARP 135-3606, MANLEY 42192
- Head Studs: ARP 235-4702 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.625
- Valve Angle: 26° AND 4° INTAKE, 17° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE ON CNC PORTED HEADS
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: STANDARD, BRODIX 1230
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Pistons: STANDARD
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Intake Manifold: HV 2016 / HV 2000 (BB-1)  
HV 2000 / HV 2001 (STS BB-1, BB-2, BB-2 PLUS,  
STS BB-2 PLUS)

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

**THE BB-2 PLUS™ AND STS BB-2 PLUS ARE AVAILABLE  
IN A TOP END COMBO KIT (SEE PAGE 2).**

**SPECIAL INTAKE GASKETS ARE  
AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
BB-1	2.250 INTAKE	150	209	259	290	300	303	
	1.880 EXHAUST	106	137	166	190	211	225	
STS BB-1 (CNC Ported)	2.250 INTAKE	168	252	314	348	368	375	379
	1.880 EXHAUST	130	166	200	235	264	283	295
BB-2	2.250 INTAKE	157	212	263	294	312	320	
	1.880 EXHAUST	107	137	166	190	214	226	
BB-2 PLUS	2.250 INTAKE	150	215	265	311	334	344	
	1.880 EXHAUST	122	148	187	216	229	238	
STS BB-2 PLUS (CNC Ported)	2.250 INTAKE	162	244	285	328	359	369	373
	1.880 EXHAUST	132	169	204	234	261	274	284

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BB-1 BARE	2010000	280	119					\$678.30	1
BB-1 PKG	2011000	280	119	2.250/1.880	140	1.550	ST	\$983.54	1
BB-1 PKG	2011001	280	119	2.250/1.880	240	1.550	ST	\$983.54	1
BB-1 PKG	2011002	280	119	2.250/1.880	240	1.550	TI	\$1,096.00	1
BB-1 PKG	2011003	280	115	2.250/1.880	140	1.470	ST	\$1,033.42	1
BB-1 PKG	2011004	280	115	2.250/1.880	240	1.550	ST	\$1,033.42	1
BB-1 PKG	2011005	280	115	2.250/1.880	240	1.550	TI	\$1,145.88	1
BB-1 PKG	2011006	280	110	2.250/1.880	140	1.470	ST	\$1,092.58	1
BB-1 PKG	2011007	280	110	2.250/1.880	240	1.550	ST	\$1,092.58	1
BB-1 PKG	2011008	280	110	2.250/1.880	240	1.550	TI	\$1,204.96	1
BB-1 SPECIAL	2019001	CUSTOM ORDER					CALL FOR PRICING		1
BB-2 BARE	2020000	305	119					\$678.30	1
BB-2 PKG	2021000	305	119	2.250/1.880	240	1.550	ST	\$983.55	1
BB-2 PKG	2021001	305	119	2.250/1.880	240	1.550	TI	\$1,096.01	1
BB-2 PKG	2021002	305	119	2.250/1.880	250	1.625	TI	\$1,197.21	1
BB-2 PKG	2021003	305	119	2.250/1.880	315	1.645	TI	\$1,300.79	1
BB-2 PKG	2021004	305	115	2.250/1.880	240	1.550	ST	\$1,033.42	1
BB-2 PKG	2021005	305	115	2.250/1.880	240	1.550	TI	\$1,145.88	1
BB-2 PKG	2021006	305	115	2.250/1.880	250	1.625	TI	\$1,247.08	1
BB-2 PKG	2021007	305	115	2.250/1.880	315	1.645	TI	\$1,350.67	1
BB-2 PKG	2021008	305	110	2.250/1.880	240	1.550	ST	\$1,092.58	1
BB-2 PKG	2021009	305	110	2.250/1.880	240	1.550	TI	\$1,204.96	1
BB-2 PKG	2021010	305	110	2.250/1.880	250	1.625	TI	\$1,306.26	1
BB-2 PKG	2021011	305	110	2.250/1.880	315	1.645	TI	\$1,409.80	1
BB-2 SPECIAL	2029000	CUSTOM ORDER					CALL FOR PRICING		1
BB-2 PLUS BARE	2020001	312	119					\$678.30	1
BB-2 PLUS PKG	2021012	312	119	2.250/1.880	240	1.550	ST	\$983.55	1
BB-2 PLUS PKG	2021013	312	119	2.250/1.880	240	1.550	TI	\$1,096.01	1
** BB-2 PLUS PKG **	2021014	312	119	2.250/1.880	250	1.625	TI	\$1,197.21	1
BB-2 PLUS PKG	2021015	312	119	2.250/1.880	315	1.645	TI	\$1,300.79	1
BB-2 PLUS PKG	2021016	312	115	2.250/1.880	240	1.550	ST	\$1,033.42	1
BB-2 PLUS PKG	2021017	312	115	2.250/1.880	240	1.550	TI	\$1,145.88	1
** BB-2 PLUS PKG **	2021018	312	115	2.250/1.880	250	1.625	TI	\$1,247.08	1
BB-2 PLUS PKG	2021019	312	115	2.250/1.880	315	1.645	TI	\$1,350.67	1
BB-2 PLUS PKG	2021020	312	110	2.250/1.880	240	1.550	ST	\$1,092.58	1
BB-2 PLUS PKG	2021021	312	110	2.250/1.880	240	1.550	TI	\$1,204.96	1
BB-2 PLUS PKG	2021022	312	110	2.250/1.880	250	1.625	TI	\$1,306.26	1
BB-2 PLUS PKG	2021023	312	110	2.250/1.880	315	1.645	TI	\$1,409.80	1
BB-2 PLUS SPECIAL	2029001	CUSTOM ORDER					CALL FOR PRICING		1
STS BB-1 BARE	2018001	305	119					\$1,497.83	1
STS BB-1 PKG	2018102	305	119	2.250/1.880	240	1.550	TI	\$1,860.76	1
STS BB-1 PKG	2018103	305	119	2.250/1.880	250	1.625	TI	\$1,983.59	1
STS BB-1 PKG	2018104	305	119	2.250/1.880	315	1.645	TI	\$2,073.25	1
STS BB-1 PKG	2018105	305	115	2.250/1.880	240	1.550	TI	\$1,912.51	1
STS BB-1 PKG	2018106	305	115	2.250/1.880	250	1.625	TI	\$2,035.31	1
STS BB-1 PKG	2018107	305	115	2.250/1.880	315	1.645	TI	\$2,125.01	1
STS BB-1 SPECIAL	2019003	CUSTOM ORDER					CALL FOR PRICING		1
STS BB-2 PLUS BARE	2028001	320	119					\$1,497.82	1
STS BB-2 PLUS PKG	2028109	320	119	2.250/1.880	240	1.550	TI	\$1,860.76	1
** STS BB-2 PLUS PKG **	2028110	320	119	2.250/1.880	250	1.625	TI	\$1,983.57	1
STS BB-2 PLUS PKG	2028111	320	119	2.250/1.880	315	1.645	TI	\$2,073.26	1
STS BB-2 PLUS PKG	2028112	320	115	2.250/1.880	240	1.550	TI	\$1,912.51	1
** STS BB-2 PLUS PKG **	2028113	320	115	2.250/1.880	250	1.625	TI	\$2,035.32	1
STS BB-2 PLUS PKG	2028114	320	115	2.250/1.880	315	1.645	TI	\$2,125.01	1
STS BB-2 PLUS SPECIAL	2029005	CUSTOM ORDER					CALL FOR PRICING		1
BB-2 PLUS COMBO	9992000-3				240	1.550		\$2,906.69	1
BB-2 PLUS COMBO	9992004-3				250	1.625		\$3,350.09	1
STS BB-2 PLUS COMBO	9992002-3				250	1.625		\$4,843.71	1

\*\* Indicates most popular packages sold. \*\*

# Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2001 (BB-2 X, BB-2 XTRA, AND BB-3)  
MATCH INTAKE PORT TO CO C5436 (BP BB-2 XTRA)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.300 X 5.468 o.a.l. - BR 81241 (STANDARD PACKAGE)  
2.300 X 5.568 o.a.l. - BR 81341 (SPRING UPGRADE)
- Exhaust Valves: 1.880 X 5.394 o.a.l. - BR 81038 (STANDARD PACKAGE)  
1.880 X 5.494 o.a.l. - BR 81138 (SPRING UPGRADE)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT (STANDARD  
PACKAGE)  
1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED  
HEIGHT, .800 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.550 10° STEEL - CC 752  
1.625 10° TITANIUM - MA 23640
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-41
- Guide Plates: 3/8 - CC 4806 (BB-2 X, BB-2 XTRA, AND BP BB-2 XTRA)  
3/8 - BR BB GP-3 (BB-3) - AVAILABLE EXCLUSIVELY  
FROM BRODIX
- Valve Seals: 11/32 - US VS529V

# Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2001, COMETIC C5428,  
FEL-PRO 1252-3 (BB-2 X, BB-2 XTRA, AND BB-3)
- Head Gaskets: 4.310 - FEL-PRO 1027, COMETIC C5432  
4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1411, COMETIC C5429
- Head Bolts: ARP 135-3606, MANLEY 42192
- Head Studs: ARP 235-4702 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.625
- Valve Angle: 26° AND 4° INTAKE, 17° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE ON CNC PORTED HEADS
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: STANDARD, BRODIX 1230
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Pistons: STANDARD (BB-2 X, BB-2 XTRA, AND BP BB-2 XTRA)  
CHECK PISTON VALVE NOTCHES (BB-3)
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Valve Centerline: STANDARD (BB-2 X, BB-2 XTRA, BP BB-2 XTRA)  
EXHAUST VALVE MOVED .300 (BB-3)
- Intake Manifold: HV 2000 / HV 2001

**SPECIAL INTAKE GASKETS ARE  
AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

**BB-2X™, BB-2 XTRA™**

**AND BB-3™ SERIES  
26° CYLINDER HEADS**

The BB-2 X head works well with a light car or large engine (509-555 cu in). It has a 340 cc intake port and flows over 360 cfm with only the bowls blended and the intake ports matched to the gasket. The BB-2 X may be purchased angle milled to 110 cc or angle machined to 98 cc. The BB-2 XTRA head works well on a 540 cu in or larger engine. It has a 365 cc intake port and flows over 375 cfm with only the bowls blended and the intake ports matched to the gasket. The BB-3 works well on a 540-605 cu in engine. It has a 370 cc intake port and flows over 370 cfm, but may not be angle machined. While creating the BB-2 XTRA CNC, the professionals at BRODIX invested many long hours on the flow bench and at the track developing a completely ported cylinder head. BRODIX incorporated this porting design into a 100% CNC ported masterpiece that can be mass produced. One of the most accurate, best flowing out-of-the-box cylinder heads is now available. Each of the castings flows within 1% of each other and is CNC ported to a mirror finish. The bottom line is that our customers can now buy the best casting with the best CNC porting at the best price. These cylinder heads accept all standard pistons, intake manifolds, and rocker arms. The exhaust ports are raised .600 higher than stock. Valve cover rails are now raised to assure no oil leakage.



- Raised Valve Cover Rail
- A-356 Virgin Aluminum; Easily Repaired
- 119 cc Combustion Chambers
- Raised Exhaust
- Available CNC Ported
- Great Out-of-the-Box Horsepower

**WWW.BRODIX.COM**

**479-394-1075**

**BIG BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
BB-2 X	2.300 INTAKE	153	221	276	322	357	363	
	1.880 EXHAUST	122	138	171	198	216	229	
BB-2 X (CNC Combustion Chambers)	2.300 INTAKE	153	225	285	333	368	365	365
	1.880 EXHAUST	132	176	211	235	254	264	270
BB-2 XTRA	2.300 INTAKE	160	220	277	325	360	379	
	1.880 EXHAUST	132	159	193	219	234	250	
BP BB-2 XTRA (CNC Ported)	2.300 INTAKE	167	232	295	346	381	402	408
	1.880 EXHAUST	132	177	222	255	291	301	313
BB-3	2.300 INTAKE	145	206	265	316	351	371	
	1.880 EXHAUST	93	129	161	187	213	229	

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BB-2 X BARE	2020003	340	119					\$678.30	1
BB-2 X PKG	2021036	340	119	2.300/1.880	240	1.550	ST	\$983.55	1
BB-2 X PKG	2021037	340	119	2.300/1.880	240	1.550	TI	\$1,096.01	1
** BB-2 X PKG **	2021038	340	119	2.300/1.880	250	1.625	TI	\$1,197.21	1
BB-2 X PKG	2021039	340	119	2.300/1.880	315	1.645	TI	\$1,300.79	1
BB-2 X PKG	2021040	340	115	2.300/1.880	240	1.550	ST	\$1,033.42	1
BB-2 X PKG	2021041	340	115	2.300/1.880	240	1.550	TI	\$1,145.88	1
** BB-2 X PKG **	2021042	340	115	2.300/1.880	250	1.625	TI	\$1,247.08	1
BB-2 X PKG	2021043	340	115	2.300/1.880	315	1.645	TI	\$1,350.67	1
BB-2 X PKG	2021044	340	110	2.300/1.880	240	1.550	ST	\$1,092.58	1
BB-2 X PKG	2021045	340	110	2.300/1.880	240	1.550	TI	\$1,204.96	1
BB-2 X PKG	2021046	340	110	2.300/1.880	250	1.625	TI	\$1,306.26	1
BB-2 X PKG	2021047	340	110	2.300/1.880	315	1.645	TI	\$1,409.80	1
BB-2 X SPECIAL	2029003	CUSTOM ORDER						CALL FOR PRICING	1
BB-2 XTRA BARE	2020002	365	119					\$678.30	1
BB-2 XTRA PKG	2021024	365	119	2.300/1.880	240	1.550	ST	\$983.55	1
BB-2 XTRA PKG	2021025	365	119	2.300/1.880	240	1.550	TI	\$1,096.01	1
** BB-2 XTRA PKG **	2021026	365	119	2.300/1.880	250	1.625	TI	\$1,197.21	1
BB-2 XTRA PKG	2021027	365	119	2.300/1.880	315	1.645	TI	\$1,300.79	1
BB-2 XTRA PKG	2021028	365	115	2.300/1.880	240	1.550	ST	\$1,033.42	1
BB-2 XTRA PKG	2021029	365	115	2.300/1.880	240	1.550	ST	\$1,145.88	1
** BB-2 XTRA PKG **	2021030	365	115	2.300/1.880	250	1.625	ST	\$1,247.08	1
BB-2 XTRA PKG	2021031	365	115	2.300/1.880	315	1.645	ST	\$1,350.67	1
BB-2 XTRA PKG	2021032	365	110	2.300/1.880	240	1.550	ST	\$1,092.58	1
BB-2 XTRA PKG	2021033	365	110	2.300/1.880	240	1.550	ST	\$1,204.96	1
BB-2 XTRA PKG	2021034	365	110	2.300/1.880	250	1.625	ST	\$1,306.26	1
BB-2 XTRA PKG	2021035	365	110	2.300/1.880	315	1.645	ST	\$1,409.80	1
BB-2 XTRA SPECIAL	2029002	CUSTOM ORDER						CALL FOR PRICING	1
BB-3 BARE	2030000	370	119					\$678.30	1
BB-3 PKG	2031000	370	119	2.300/1.880	240	1.550	ST	\$983.55	1
BB-3 PKG	2031002	370	119	2.300/1.880	250	1.625	TI	\$1,197.21	1
BB-3 SPECIAL	2039000	CUSTOM ORDER						CALL FOR PRICING	1
BP BB-2 XTRA BARE	2028000	355	119					\$1,497.82	1
BP BB-2 XTRA PKG	2028100	355	119	2.300/1.880	240	1.550	TI	\$1,860.76	1
** BP BB-2 XTRA PKG **	2028101	355	119	2.300/1.880	250	1.625	TI	\$1,983.57	1
BP BB-2 XTRA PKG	2028102	355	119	2.300/1.880	315	1.645	TI	\$2,073.26	1
BP BB-2 XTRA PKG	2028103	355	115	2.300/1.880	240	1.550	TI	\$1,912.51	1
** BP BB-2 XTRA PKG **	2028104	355	115	2.300/1.880	250	1.625	TI	\$2,035.32	1
BP BB-2 XTRA PKG	2028105	355	115	2.300/1.880	315	1.645	TI	\$2,125.00	1
BP BB-2 XTRA SPECIAL	2029004	CUSTOM ORDER						CALL FOR PRICING	1
BB-2 X COMBO	9992005-3				250	1.625		\$3,350.09	1
BB-2 XTRA COMBO	9992001-3				250	1.625		\$3,350.09	1
BP BB-2 XTRA COMBO	9992003-3				250	1.625		\$4,843.71	1

\*\* Indicates most popular packages sold. \*\*



THE BB-2 X™, BB-2 XTRA™, AND BP BB-2 XTRA™ ARE AVAILABLE IN A TOP END COMBO KIT (SEE PAGE 2).

Better Pricing May Be Available; Contact BRODIX or Visit Our Website for Your Nearest Dealer

# Package Heads



## BB-3 XTRA™ SERIES 24° CYLINDER HEADS

The BRODIX BB-3 XTRA has taken the conventional big block to the next level. These cylinder heads feature a valve angle that is rolled two degrees. The -3 XTRA is available in a rectangular-shaped or oval-shaped intake port configuration, and both are offered in an out-of-the box version or completely CNC ported. The out-of-the-box versions come standard with CNC ported 119 cc combustion chambers, CNC bowls blended and ports matched, and flow over 390 cfm. The BB-3 XTRA CNC ported version is available in two port volumes, 366 cc and 380 cc. The 380 cc version flows over 440 cfm. The BB-3 XTRA CNC ported oval ports are available in three port volumes: 332 cc, 351 cc, and 365 cc. This wide range of port volumes allows the oval port to compliment virtually any engine combination available. Port shape, port velocity, and the latest technology have propelled these cylinder heads to the top of their class.



- Raised Valve Cover Rail
- 24° Valve Angle
- Redesigned Exhaust Ports
- +30 hp Over Standard Heads
- Available CNC Ported
- A-356 Virgin Aluminum; Easily Repaired

**SPECIAL INTAKE GASKETS  
FOR BP BB-3 XTRA AND BP BB-3 XTRA O  
ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2001 (BB-3 XTRA)  
MATCH INTAKE PORT TO MG 2001 (BP BB-3 XTRA, BP BB-3 XTRA 380)  
MATCH INTAKE PORT TO BRODIX MG 2104 (BB-3 XTRA O,  
BP BB-3 XTRA O 351)  
MATCH INTAKE PORT TO BRODIX MG 2050 (BP BB-3 XTRA O 332)  
MATCH INTAKE PORT TO BRODIX MG 2150 (BP BB-3 XTRA O 365)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.300 X 5.568 o.a.l. - BR 81341 (BB-3 XTRA, BP BB-3 XTRA,  
BP BB-3 XTRA O 332)  
2.350 X 5.568 o.a.l. - BR 81351 (BB-3 XTRA O,  
BP BB-3 XTRA 380, BP BB-3 XTRA O 351,  
BP BB-3 XTRA O 365)
- Exhaust Valves: 1.880 X 5.494 o.a.l. - BR 81138
- Valve Springs: 1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED HEIGHT,  
800 MAXIMUM LIFT (STANDARD PACKAGE)  
1.645 ROLLER VALVE SPRING - CC 947 OR CC 948,  
315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED  
HEIGHT, 850 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.625 10° TITANIUM - MA 23640  
1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-41
- Guide Plates: 3/8 - CC 4806
- Valve Seals: 11/32 - US VS529V (1.625 VALVE SPRING)  
11/32 - US VS485V (1.645 VALVE SPRING)

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2001, FEL-PRO 1252-3 (BB-3 XTRA)  
BRODIX MG 2001, FEL-PRO 1252-3, COMETIC C5436  
(BP BB-3 XTRA, BP BB-3 XTRA 380)  
BRODIX MG 2104 (BB-3 XTRA O, BP BB-3 XTRA O 351)  
BRODIX MG 2050 (BP BB-3 XTRA O 332)  
BRODIX MG 2150 (BP BB-3 XTRA O 365)
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1411, COMETIC C5429
- Head Bolts: ARP 135-3606, MANLEY 42192
- Head Studs: ARP 235-4702 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.625
- Valve Angle: 24° AND 4° INTAKE, 15° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE ON CNC PORTED HEADS
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: STANDARD, BRODIX 1230
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Pistons: 2° VALVE ROLLED PISTON
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Intake Manifold: SA 2013 / SA 2022 / BM 2017\* / BM 2027\* (BB-3 XTRA,  
BP BB-3 XTRA, BP BB-3 XTRA 380)  
SA 2017 / SA 2027 / BM 2017 / BM 2027 (BB-3 XTRA O,  
BP BB-3 XTRA O 332, BP BB-3 XTRA O 351,  
BP BB-3 XTRA O 365)

\* Oval Port Manifold Must Be Port Matched to Fit Rectangular Port Heads

**BIG BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
BB-3 XTRA	2.300 INTAKE	154	230	300	356	387	389	389	391
	1.880 EXHAUST	142	187	217	243	265	275	280	281
BP BB-3 XTRA (CNC Ported)	2.300 INTAKE	159	237	307	362	394	416	423	426
	1.880 EXHAUST	134	177	216	249	277	304	308	313
BP BB-3 XTRA 380 (CNC Ported / 45° Valve Job)	2.350 INTAKE	159	237	309	362	401	430	443	442
	1.880 EXHAUST	134	177	216	249	277	304	308	313
BB-3 XTRA O (45° Valve Job)	2.350 INTAKE	162	233	298	355	397	417	420	411
	1.880 EXHAUST	142	187	217	243	265	275	280	281
BP BB-3 XTRA O 332 (CNC Ported / 50° Valve Job)	2.300 INTAKE	155	231	300	354	396	424	425	428
	1.880 EXHAUST	134	177	216	249	277	304	308	313
BP BB-3 XTRA O 351 (CNC Ported / 50° Valve Job)	2.350 INTAKE	154	226	300	356	405	433	441	444
	1.880 EXHAUST	134	177	216	249	277	304	308	313
BP BB-3 XTRA O 365 (CNC Ported / 50° Valve Job)	2.350 INTAKE	150	224	296	356	407	439	452	460
	1.880 EXHAUST	134	177	216	249	277	304	308	313

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BB-3 XTRA BARE	2030001	363	119					\$994.15	1
BB-3 XTRA PKG	2031003	363	119	2.300/1.880	250	1.625	TI	\$1,505.51	1
BB-3 XTRA PKG	2031004	363	119	2.300/1.880	315	1.645	TI	\$1,613.01	1
BB-3 XTRA PKG	2031005	363	115	2.300/1.880	250	1.625	TI	\$1,557.26	1
BB-3 XTRA PKG	2031006	363	115	2.300/1.880	315	1.645	TI	\$1,664.76	1
BB-3 XTRA O BARE	2030002	335	119					\$994.15	1
BB-3 XTRA O PKG	2031007	335	119	2.300/1.880	240	1.550	ST	\$1,310.86	1
BB-3 XTRA O PKG	2031008	335	119	2.300/1.880	250	1.625	TI	\$1,505.51	1
BB-3 XTRA O PKG	2031009	335	119	2.300/1.880	315	1.645	TI	\$1,613.00	1
BB-3 XTRA O PKG	2031010	335	115	2.300/1.880	240	1.550	ST	\$1,362.61	1
BB-3 XTRA O PKG	2031011	335	115	2.300/1.880	250	1.625	TI	\$1,557.26	1
BB-3 XTRA O PKG	2031012	335	115	2.300/1.880	315	1.645	TI	\$1,664.75	1
BP BB-3 XTRA BARE	2038000	366	119					\$1,520.35	1
BP BB-3 XTRA PKG	2038100	366	119	2.300/1.880	250	1.625	TI	\$1,983.57	1
BP BB-3 XTRA PKG	2038101	366	119	2.300/1.880	315	1.645	TI	\$2,073.24	1
BP BB-3 XTRA PKG	2038102	366	115	2.300/1.880	250	1.625	TI	\$2,035.32	1
BP BB-3 XTRA PKG	2038103	366	115	2.300/1.880	315	1.645	TI	\$2,124.99	1
BP BB-3 XTRA SPECIAL	2039001	CUSTOM ORDER						CALL FOR PRICING	1
BP BB-3 XTRA 380 BARE	2038004	380	119					\$1,590.73	1
BP BB-3 XTRA 380 PKG	2038116	380	119	2.350/1.880	250	1.625	TI	\$2,053.95	1
BP BB-3 XTRA 380 PKG	2038117	380	119	2.350/1.880	315	1.645	TI	\$2,143.62	1
BP BB-3 XTRA 380 PKG	2038118	380	115	2.350/1.880	250	1.625	TI	\$2,105.70	1
BP BB-3 XTRA 380 PKG	2038119	380	115	2.350/1.880	315	1.645	TI	\$2,195.37	1
BP BB-3 XTRA O 332 BARE	2038002	332	119					\$1,613.23	1
BP BB-3 XTRA O 332 PKG	2038108	332	119	2.300/1.880	250	1.625	TI	\$2,097.83	1
BP BB-3 XTRA O 332 PKG	2038109	332	119	2.300/1.880	315	1.645	TI	\$2,187.55	1
BP BB-3 XTRA O 332 PKG	2038112	332	115	2.300/1.880	250	1.625	TI	\$2,149.58	1
BP BB-3 XTRA O 332 PKG	2038113	332	115	2.300/1.880	315	1.645	TI	\$2,239.30	1
BP BB-3 XTRA O 351 BARE	2038001	351	119					\$1,613.23	1
BP BB-3 XTRA O 351 PKG	2038104	351	119	2.350/1.880	250	1.625	TI	\$2,097.83	1
BP BB-3 XTRA O 351 PKG	2038105	351	119	2.350/1.880	315	1.645	TI	\$2,187.55	1
BP BB-3 XTRA O 351 PKG	2038106	351	115	2.350/1.880	250	1.625	TI	\$2,149.58	1
BP BB-3 XTRA O 351 PKG	2038107	351	115	2.350/1.880	315	1.645	TI	\$2,239.30	1
BP BB-3 XTRA O 365 BARE	2038003	365	119					\$1,613.23	1
BP BB-3 XTRA O 365 PKG	2038110	365	119	2.350/1.880	250	1.625	TI	\$2,097.83	1
BP BB-3 XTRA O 365 PKG	2038111	365	119	2.350/1.880	315	1.645	TI	\$2,187.55	1
BP BB-3 XTRA O 365 PKG	2038114	365	115	2.350/1.880	250	1.625	TI	\$2,149.58	1
BP BB-3 XTRA O 365 PKG	2038115	365	115	2.350/1.880	315	1.645	TI	\$2,239.30	1
BP BB-3 XTRA COMBO	9992007-3				250	1.625		\$4,843.71	1
BP BB-3 XTRA O COMBO	9992009-3				250	1.625		\$5,098.39	1

THE BP BB-3 XTRA™ AND BP BB-3 XTRA O™  
ARE AVAILABLE IN A  
TOP END COMBO KIT (SEE PAGE 2).

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

# Package Heads



## HEAD HUNTER™ SERIES 24° CYLINDER HEADS

The BRODIX Head Hunter series represents the cutting edge of conventional big block technology. These heads are 100% CNC ported and utilize features such as raised, oval-shaped intake ports that flow an amazing 465 cfm and newly designed exhaust ports that flow 308 cfm with only a 1.850 exhaust valve. Standard features include an extra thick deck, high valve cover rail, and the best castings in the business.



**HEAD HUNTER**  
series



- A-356 Virgin Aluminum; Easily Repaired
- 100% CNC Ported
- 24° Valve Angle
- Redesigned Exhaust Ports
- Best Flowing Conventional Head Available

**SPECIAL INTAKE GASKETS, EXHAUST GASKETS, AND VALVE COVER GASKETS ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2177
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.375 X 5.610 o.a.l. - BR 81375 (BP HH BB 383)  
2.400 X 5.610 o.a.l. - BR 81400 (BP HH BB 383 MC, BP HH BB 395 MC)
- Exhaust Valves: 1.850 X 5.494 o.a.l. - BR 81185
- Valve Springs: 1.640 ROLLER VALVE SPRING - MA 221424, 250 lb CLOSED, 745 lb OPEN, 2.050 INSTALLED HEIGHT, .800 MAXIMUM LIFT (STANDARD PACKAGE)  
1.645 ROLLER VALVE SPRING - CC 947 OR CC 948, 315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED HEIGHT, .850 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.625 10° TITANIUM - MA 23640  
1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Valve Seals: 11/32 - US VS529V (1.625 VALVE SPRING)  
11/32 - US VS485V (1.645 VALVE SPRING)

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2177
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1412, COMETIC C5418
- Head Bolts: ARP 135-3606, MANLEY 42192
- Head Studs: ARP 235-4702 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.625
- Valve Angle: 24° AND 4° INTAKE, 15° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: SPECIAL
- Stud Girdle: N/A
- Rocker Arms: JESEL OR T&D SHAFT SYSTEM -  
JESEL KPS 284139, TD 3124 (BP HH BB)  
JESEL KPS 372150, TD 3125 (BP HH BB MC)
- Lifters: STANDARD
- Pistons: 2° VALVE ROLLED PISTON
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Valve Centerline: STANDARD (BP HH BB 383)  
25/50 (BP HH BB 383 MC, BP HH BB 395 MC)
- Intake Manifold: SA 2017 / SA 2027 / BM 2017 / BM 2027

**THE BP HH BB™ AND BP HH BB MC™ ARE AVAILABLE IN A TOP END COMBO KIT (SEE PAGE 2).**





# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
BP HH BB 383 (CNC Ported)	2.375 INTAKE (52° Valve Job)	145	221	295	353	400	443	458	469
	1.850 EXHAUST (55° Valve Job)	138	186	229	256	278	305	315	320
BP HH BB 383 MC (CNC Ported)	2.400 INTAKE (55° Valve Job)	143	218	291	354	402	449	470	482
	1.850 EXHAUST (55° Valve Job)	138	186	229	256	278	305	315	320
BP HH BB 395 MC (CNC Ported)	2.400 INTAKE (55° Valve Job)	142	217	294	360	412	455	477	489
	1.850 EXHAUST (55° Valve Job)	138	186	229	256	278	308	315	320

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BP HH BB 383 BARE	2138000	383	119					\$1,725.26	1
BP HH BB 383 PKG	2138100	383	119	2.375/1.850	250	1.625	TI	\$2,209.89	1
BP HH BB 383 PKG	2138102	383	119	2.375/1.850	350	1.645	TI	\$2,298.70	1
BP HH BB 383 PKG	2138104	383	115	2.375/1.850	250	1.625	TI	\$2,261.64	1
BP HH BB 383 PKG	2138105	383	115	2.375/1.850	350	1.645	TI	\$2,350.44	1
BP HH BB 383 MC BARE	2138001	383	119					\$1,836.17	1
BP HH BB 383 MC PKG	2138101	383	119	2.400/1.850	250	1.625	TI	\$2,320.82	1
BP HH BB 383 MC PKG	2138103	383	119	2.400/1.850	350	1.645	TI	\$2,409.63	1
BP HH BB 383 MC PKG	2138106	383	115	2.400/1.850	250	1.625	TI	\$2,372.58	1
BP HH BB 383 MC PKG	2138107	383	115	2.400/1.850	350	1.645	TI	\$2,461.38	1
BP HH BB 395 MC BARE	2138002	395	119			1.645		\$1,836.17	1
BP HH BB 395 MC PKG	2138108	395	119	2.400/1.850	250	1.625	TI	\$2,320.82	1
BP HH BB 395 MC PKG	2138109	395	119	2.400/1.850	350	1.645	TI	\$2,409.63	1
BP HH BB 395 MC PKG	2138110	395	115	2.400/1.850	250	1.625	TI	\$2,372.58	1
BP HH BB 395 MC PKG	2138111	395	115	2.400/1.850	350	1.645	TI	\$2,461.38	1
BP HH BB 383 COMBO	9992010-3				250	1.625		\$5,338.10	1
BP HH BB 383 MC COMBO	9992011-3				250	1.625		\$5,562.09	1
BP HH BB 395 MC COMBO	9992012-3				250	1.625		\$5,562.09	1

• 119 cc Combustion Chambers



• Requires Shaft Rockers

• 383 cc or 395 cc Intake Ports

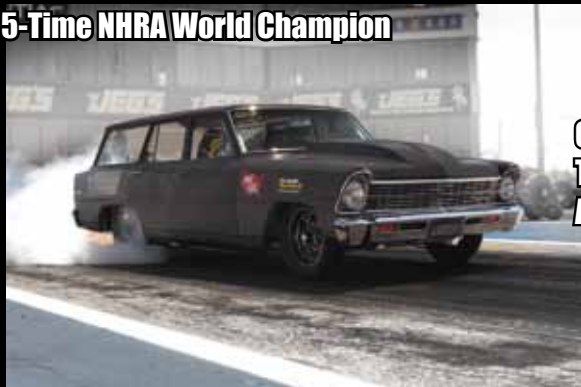
• Milled for One-Piece Rocker System

• 1.850 Exhaust Valves

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## JEG COUGHLIN, JR

5-Time NHRA World Champion



CHEVY II: "ONE OF THE COOLEST CARS AT THE TRACK!! MULTIPLE BIG BUCKS BRACKET WINS AND ALWAYS A CROWD FAVORITE!"



# BB-4 XTRA™ AND BB-5 SERIES 24° CYLINDER HEADS

The BRODIX -4 XTRA and -5 valve angles have been rolled 2° from stock to produce more torque and less chamber volume. The -4 XTRA and -5 have a raised intake port design (approximately .400") allowing the short-turn radius a better air flow angle without sacrificing velocity.

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2001
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.300 X 5.468 o.a.l. - BR 81241 (STANDARD PACKAGE)  
2.300 X 5.568 o.a.l. - BR 81341 (SPRING UPGRADE)  
2.350 X 5.568 o.a.l. - BR 81351 (SPRING UPGRADE)
- Exhaust Valves: 1.880 X 5.394 o.a.l. - BR 81038 (STANDARD PACKAGE)  
1.880 X 5.494 o.a.l. - BR 81138 (SPRING UPGRADE)  
1.900 X 5.494 o.a.l. - BR 81139 (SPRING UPGRADE)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT (STANDARD PACKAGE)  
1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED  
HEIGHT, .800 MAXIMUM LIFT (SPRING UPGRADE)
- Retainers: 1.550 10° STEEL - CC 752  
1.625 10° TITANIUM - MA 23640
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 3/8 - CC 4806
- Valve Seals: 11/32 - US VS529V

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2001, COMETIC C5428, FEL-PRO 1252-3
- Head Gaskets: 4.310 - FEL-PRO 1027, COMETIC C5432  
4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1411, COMETIC C5429
- Head Bolts: ARP 135-3606, MANLEY 42192
- Head Studs: ARP 235-4702 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.625
- Valve Angle: 24° AND 4° INTAKE, 15° AND 4° EXHAUST
- Angle Milling: .0066 in PER cc
- Flat Milling: .0050 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Stud Girdle: STANDARD, BRODIX 1230
- Rocker Arms: STANDARD
- Lifters: STANDARD
- Pistons: 2° VALVE ROLLED PISTON
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Valve Centerline: STANDARD
- Intake Manifold: SA 2012 / SA 2020

## Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800
STS BB-4 XTRA	2.350 INTAKE	141	206	275	327	382	425	447
4.600 BORE (CNC Ported)	1.900 EXHAUST	122	156	190	222	245	263	276
BB-5	2.350 INTAKE	108	150	203	258	309	354	384
	1.900 EXHAUST	77	103	134	167	200	222	238

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
STS BB-4 XTRA BARE	2048000	390	119					\$1,667.32	1
STS BB-4 XTRA PKG	2048100	390	119	2.350/1.900	240	1.550	TI	\$2,067.40	1
** STS BB-4 XTRA PKG **	2048101	390	119	2.350/1.900	250	1.625	TI	\$2,145.30	1
STS BB-4 XTRA PKG	2048102	390	119	2.350/1.900	315	1.645	TI	\$2,268.22	1
STS BB-4 XTRA PKG	2048103	390	115	2.350/1.900	240	1.550	TI	\$2,067.40	1
STS BB-4 XTRA PKG	2048104	390	115	2.350/1.900	250	1.625	TI	\$2,145.30	1
STS BB-4 XTRA PKG	2048105	390	115	2.350/1.900	315	1.645	TI	\$2,268.22	1
STS BB-4 XTRA SPECIAL	2049001	CUSTOM ORDER						CALL FOR PRICING	1
BB-5 BARE	2050000	387	119					\$1,264.64	1
BB-5 PKG	2051000	387	119	2.350/1.880	250	1.625	TI	\$1,751.48	1
BB-5 PKG	2051001	387	119	2.350/1.880	315	1.645	TI	\$1,863.78	1
BB-5 SPECIAL	2059000	CUSTOM ORDER						CALL FOR PRICING	1

**BB-5 DESIGNED BY SONNY LEONARD**

BIG BLOCK CHEVY COMPATIBLE HEADS



# THE BIG DUKE® SERIES

- Minimum of 80 hp Gain Over Standard Big Block Heads
- 18° Valve Angle
- Cast Intake Manifold Available
- Nitrous Friendly Deck Surface
- Standard Exhaust Flange
- Raised Intake and Exhaust Ports

## THE BIG DUKE® PB 1800™ SERIES 18° CYLINDER HEADS

### Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1298 (PB 1802)  
MATCH INTAKE PORT TO BRODIX MG 2013 (PB 1803)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.400 X 6.600 o.a.l. - BR 81660, 45° SEAT ANGLE (PB 1800-1802)  
2.450 X 6.650 o.a.l. - BR 81665, 55° SEAT ANGLE (PB 1803)
- Exhaust Valves: 1.900 X 6.450 o.a.l. - BR 81645, 45° SEAT ANGLE (PB 1800-1802)  
1.860 X 6.550 o.a.l. - BR 81685, 55° SEAT ANGLE (PB 1803)
- Valve Springs: 1.640 ROLLER VALVE SPRING - MA 221424, 250 lb CLOSED, 745 lb OPEN, 2.050 INSTALLED HEIGHT, .800 MAXIMUM LIFT  
1.645 ROLLER VALVE SPRING - CC 948, 315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED HEIGHT, .850 MAXIMUM LIFT
- Retainers: 1.625 10° TITANIUM - MA 23640  
1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V (1.625 VALVE SPRING)  
11/32 - US VS485V (1.645 VALVE SPRING)

### Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1298, COMETIC C5419 (PB 1800-1802)  
BRODIX MG 2013 (PB 1803, BP PB 1803)
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1412, COMETIC C5418
- Head Studs: ARP 235-4712 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.750
- Valve Angle: 18° AND 4° INTAKE, 9° AND 4° EXHAUST
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Rocker Arms: SHAFT SYSTEM - T&D 3036, JESEL KPS 22797
- Lifters: STANDARD
- Pistons: STANDARD 18° X 9° VALVE ANGLE
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- 4.375 MINIMUM BORE
- Intake Manifold: PM 1800 / PM1810 / PM 1903\* / PM 1913\* (PB 1802)  
PM 1803 / PM 1813 / PM 1903 / PM 1913 (PB 1803,  
BP PB 1803)

\* Oval Port Manifold MUST Be Port Matched to Fit Rectangular Port Heads

### Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
<b>PB 1802</b>	2.400 INTAKE	135	205	280	351	409	449	480	
<b>4.600 BORE</b>	1.900 EXHAUST	100	151	193	234	265	296	306	
<b>PB 1802 (CNC</b>	2.400 INTAKE	156	230	305	361	414	453	476	
<b>Combustion Chambers)</b>	1.900 EXHAUST	135	180	219	252	294	306	313	
<b>PB 1803 (CNC</b>	2.450 INTAKE	137	217	296	362	418	464	484	490
<b>Combustion Chambers)</b>	1.860 EXHAUST	110	162	204	238	265	288	320	328
<b>BP PB 1803</b>	2.450 INTAKE	145	224	300	369	425	475	500	515
<b>(CNC Ported)</b>	1.860 EXHAUST	126	172	211	245	270	318	338	351

### Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
PB 1802 BARE	2180001	456	91					\$1,505.04	1
PB 1802 PKG	2181002	456	91	2.400/1.900	250	1.625	TI	\$2,132.94	1
** PB 1802 PKG **	2181003	456	91	2.400/1.900	315	1.645	TI	\$2,251.34	1
PB 1802 SPECIAL	2189001	CUSTOM ORDER					CALL FOR PRICING		1
PB 1803 BARE	2180003	413	95					\$1,816.00	1
PB 1803 PKG	2181006	413	95	2.450/1.860	250	1.625	TI	\$2,467.24	1
PB 1803 PKG	2181007	413	95	2.450/1.860	315	1.645	TI	\$2,585.66	1
BP PB 1803 BARE	2188001	410	95					\$2,598.28	1
BP PB 1803 PKG	2188102	410	95	2.450/1.860	250	1.625	TI	\$3,026.36	1
BP PB 1803 PKG	2188103	410	95	2.450/1.860	315	1.645	TI	\$3,132.04	1
BP PB 1803 PKG	2188104	410	91	2.450TI/1.860TI	250	1.625	TI	\$4,084.94	1

\*\* Indicates most popular packages sold. \*\*





## **PB 1600™ SERIES 16° CYLINDER HEADS**

The Sweet 16 lives up to its name. This head is by far the most versatile in its class. The Sweet 16 satisfies the requirements of both nitrous and naturally aspirated engines. This 100% CNC ported masterpiece utilizes a 16° valve angle, as well as 416 cc raised, oval-shaped intake ports that flow in excess of 515 cfm. This head utilizes all standard BRODIX features that have become famous including the strongest deck surface in the business for use in nitrous applications.

**SWEET™**  
**16**  
**KC PB 1600**



- 416 cc Oval Intake Ports
- New 16° Valve Angle
- Flows 515 cfm
- 100% CNC Ported

## **Package Heads**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2012
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.450 X 6.650 o.a.l. - BR 81665, 55° SEAT ANGLE
- Exhaust Valves: 1.860 X 6.550 o.a.l. - BR 81685, 55° SEAT ANGLE
- Valve Springs: 1.645 ROLLER VALVE SPRING - CC 948, 315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED HEIGHT, .850 MAXIMUM LIFT
- Retainers: 1.625 10° TITANIUM - MA 23640  
1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS529V (1.625 VALVE SPRING)  
11/32 - US VS485V (1.645 VALVE SPRING)

## **Facts and Related Components**

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2012
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: FEL-PRO 1412, COMETIC C5418
- Head Studs: ARP 235-4712 (12 pt)
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.750
- Valve Angle: 16° AND 4° INTAKE, 9° AND 4° EXHAUST
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Rocker Arms: SHAFT SYSTEM - T&D 3038, JESEL KPS 330137
- Lifters: STANDARD
- Pistons: STANDARD 16° X 9° VALVE ANGLE
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- 4.375 MINIMUM BORE
- Intake Manifold: PM 1803 / PM 1813 / PM 1903 / PM 1913

**SPECIAL INTAKE GASKETS ARE  
AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

# Flow Chart cfm @28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
KC PB 1600 (CNC Ported)	2.450 INTAKE	147	232	314	383	439	482	506	515
	1.860 EXHAUST	113	177	224	274	310	333	340	345

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
KC PB 1600 BARE	2168000	416	96					\$2,721.74	1
KC PB 1600 PKG	2168100	416	93	2.450TI/1.860TI	350	1.645	TI	\$4,265.60	1
KC PB 1600 PKG	2168101	416	96	2.450/1.860	350	1.645	TI	\$3,269.22	1

• Copper Valve Seats

• Nitrous Friendly

• 1.860 Exhaust Valves

• 93 cc Chambers

• 2.450 Intake Valves



## TOMMY PHILLIPS



### ACCOMPLISHMENTS:

- 27 NHRA NATIONAL EVENT WINS
- 28 NHRA LODRS WINS
- 6 NHRA DIVISION 4 CHAMPIONSHIPS IN 4 CLASSES
- 17-TIME TOP TEN FINISHER IN NHRA NATIONAL POINTS (5-TIME No. 2 FINISHER)
- 4 NHRA DOUBLE WINS (2 NATIONAL, 2 DIVISIONAL)
- 2-TIME NHRA JEGS ALL STAR CHAMPION (8-TIME QUALIFIER)
- 2 IHRA NATIONAL EVENT WINS
- 5 IHRA DIVISIONAL EVENT WINS
- 1 IHRA DIVISION 4 CHAMPIONSHIP

ENGINE BUILDER: SUNSET RACECRAFT RACING ENGINES



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2015
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.520 X 6.920 o.a.l. - BR 81692, 55° SEAT ANGLE
- Exhaust Valves: 1.860 X 6.600 o.a.l. - BR 81686, 55° SEAT ANGLE
- Valve Springs: 1.645 ROLLER VALVE SPRING - CC 948, 315 lb CLOSED, 915 lb OPEN, 2,100 INSTALLED HEIGHT, 850 MAXIMUM LIFT
- Retainers: 1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS485V

## **PB 2005** **14.5° CYLINDER HEADS**

The BRODIX PB 2005 cylinder head was designed by legendary engine builder Sonny Leonard. If you are looking for raw horsepower in a cylinder head, here is your answer. The PB 2005 is simply the best of the best. This head is offered in two versions, out-of-the-box and completely CNC ported. The out-of-the-box version flows an unbelievable 535 cfm. CNC ported, the PB 2005 flows over 560 cfm; this is unmatched by any other 4.840 bore spacing head. Valve sizes include 2.520 intake valves and 1.860 exhaust valves, both with a 55° seat angle. All of this horsepower would go to waste without the strong castings BRODIX provides. As usual, the PB 2005 offers the standard qualities of solid phosphorous guides, gorilla valve seats, extra thick deck, and the best aluminum in the business (A-356 Virgin Aluminum).



- Ends Milled and Drilled for Accessories
- A-356 Virgin Aluminum; Easily Repaired
- Designed by Sonny Leonard
- 14.5° Valve Angle

**SPECIAL INTAKE GASKETS,  
EXHAUST GASKETS, AND VALVE  
COVER GASKETS ARE  
AVAILABLE EXCLUSIVELY  
FROM BRODIX®.**

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2015
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: BRODIX MG 2005
- Valve Cover Gaskets: BRODIX MG 2016
- Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX -  
BRODIX BR HS/PB 2005 CI BLK (12 pt) FOR CAST  
IRON BLOCK  
BRODIX SK HS PB 2005 (12 pt) FOR ALUMINUM  
BLOCK
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.750
- Valve Angle: 14.5° AND 4° INTAKE, 6° AND 4° EXHAUST
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Rocker Arms: SHAFT SYSTEM - T&D 3051, JESEL KPS 23799
- Lifters: STANDARD
- Pistons: STANDARD 14.5° X 6° VALVE ANGLE
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED  
ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Intake Manifold: PM 1807 / PM 1817 / PM 1907 / PM 1917

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

**BIG BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
PB 2005	2.520 INTAKE	129	199	287	363	431	482	517	540
	1.860 EXHAUST	111	156	196	231	258	274	287	293
PB 2005 (Minor Port)	2.520 INTAKE	153	241	323	395	452	499	517	540
	1.860 EXHAUST	132	187	227	258	289	326	338	343
STS PB 2005 (CNC Ported)	2.520 INTAKE	144	222	309	384	451	505	548	563
	1.860 EXHAUST (Titanium Tulip)	119	182	229	265	301	333	357	362

## Basic Easy Order Numbers

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
PB 2005 BARE	2140000	490	80					\$1,650.98	1
PB 2005 PKG	2141000	490	80	2.520/1.860	350	1.645	TI	\$2,438.02	1
PB 2005 PKG	2141001	490	76	2.520TI/1.860TI	350	1.645	TI	\$3,317.16	1
PB 2005 SPECIAL	2149000	CUSTOM ORDER					CALL FOR PRICING		1
STS PB 2005 BARE	2148000	490	80					\$2,782.78	1
STS PB 2005 PKG	2148100	490	84	2.520/1.860	350	1.645	TI	\$3,535.96	1
STS PB 2005 PKG	2148101	490	80	2.520TI/1.860TI	350	1.645	TI	\$4,415.12	1

• Shaft Rockers Required



• 55° Valve Seat Angles

• Oval Intake Ports

• Flows Over 535 cfm Out of the Box

## TROY "TJ" COUGHLIN, JR

"WE WON THE SGMP SUPER SPRING BUCK BLAST AND A FEW SEMI-FINAL FINISHES AROUND THE COUNTRY THANKS TO THE GREAT QUALITY BIG DUKE HEADS AND INTAKE THAT KEEP US ON THE TRACK." - Troy "TJ" COUGHLIN JR.



### ACCOMPLISHMENTS:

- 2-TIME NATIONAL EVENT WINNER
- MULTIPLE BRACKET RACE WINS - INCLUDING \$25,000 AT ATCO 2011

ENGINE BUILDER: SONNY'S AUTOMOTIVE





# THE MAN EATER™ PB 1200™ SERIES 12° CYLINDER HEADS

The Man Eater PB 1200 series takes the big block world to the next plateau! This head comes equipped with several features that include: 12° valve angle; raised, oval-shaped intake ports designed to achieve a delicate balance between horsepower and torque; and precision contoured shallow chambers with outstanding wet flow characteristics. The new BP PB 1204 features raised 510 cc intake ports that flow over 570 cfm and exhaust ports that flow over 350 cfm! The PB 1203 is the latest in as-cast technology. It is the most powerful out-of-the-box head in its class. The PB 1202 takes the Man Eater PB 1200 series a step further. This head features 497 cc oval-shaped intake ports that are raised an additional .125 and utilizes a 2.520 intake valve. The Man Eater PB 1200 series is available 100% CNC ported to ensure accuracy. The standard features are A-356 virgin aluminum alloy, phosphorous bronze valve guides, and copper valve seats. These heads are machined to accept 1.740 valve spring cups and can be used in conjunction with the BRODIX PM series of manifolds.



- Raised, Oval-Shaped Intake Ports
- A-356 Virgin Aluminum; Easily Repaired
- 12° Valve Angle
- 68 cc Combustion Chambers
- Copper Valve Seats
- Available 100% CNC Ported

**SPECIAL INTAKE GASKETS, EXHAUST GASKETS, AND VALVE COVER GASKETS ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

**WWW.BRODIX.COM**

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 2015 (BP PB 1200, BP PB 1201, PB 1203)  
MATCH INTAKE PORT TO BRODIX MG 1202 (BP PB 1202)  
MATCH INTAKE PORT TO BRODIX MG 2040 (BP PB 1204)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.520 X 6.920 o.a.l. - 55° SEAT ANGLE (BP PB 1200, BP PB 1202, PB 1203, BP PB 1204)  
2.450 X 6.920 o.a.l. - 55° SEAT ANGLE (BP PB 1201)
- Exhaust Valves: 1.860 X 6.620 o.a.l. - 55° SEAT ANGLE
- Valve Springs: 1.645 ROLLER VALVE SPRING - CC 948, 315 lb CLOSED, 915 lb OPEN, 2.100 INSTALLED HEIGHT, .850 MAXIMUM LIFT
- Retainers: 1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS485V

## Facts and Related Components

- Torque Heads: 70 ft-lb
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: BRODIX MG 2015 (BP PB 1200, BP PB 1201, PB 1203)  
BRODIX MG 1202 (BP PB 1202)  
BRODIX MG 2040 (BP PB 1204)
- Head Gaskets: 4.540 - FEL-PRO 1017, COMETIC C5433  
4.600 - FEL-PRO 1057, COMETIC C5434
- Exhaust Gaskets: BRODIX MG 2005
- Valve Cover Gaskets: BRODIX MG 2016
- Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX -  
BRODIX BR HS/PB 2005 CI BLK (12 pt) FOR CAST IRON BLOCK  
BRODIX SK HS PB 2005 (12 pt) FOR ALUMINUM BLOCK
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL  
NGK R5671A-9 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.750
- Valve Angle: 12° AND 4° INTAKE, 6° AND 4° EXHAUST
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD
- Rocker Arms: SHAFT SYSTEM - T&D 3070, JESEL KPS 390156
- Lifters: STANDARD
- Pistons: 12° X 6° VALVE ANGLE
- Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
- Intake Manifold: PM 1807 / PM 1817 / PM 1907 / PM 1917

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

**479-394-1075**

**BIG BLOCK CHEVY COMPATIBLE HEADS**



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
BP PB 1200 (CNC Ported)	2.520 INTAKE	153	234	319	389	457	507	545	564
	1.860 EXHAUST	119	174	222	261	308	333	344	349
BP PB 1201 (CNC Ported)	2.450 INTAKE	151	243	330	400	454	495	521	533
	1.860 EXHAUST	119	174	222	261	308	333	344	349
BP PB 1202 (CNC Ported)	2.520 INTAKE	151	230	318	392	460	512	551	569
	1.860 EXHAUST	119	174	222	261	308	333	344	349
PB 1203	2.520 INTAKE	150	230	309	377	442	495	530	536
	1.860 EXHAUST	119	169	217	251	280	306	316	323
BP PB 1204 (CNC Ported)	2.520 INTAKE	150	230	318	390	454	501	540	571
	1.860 EXHAUST	122	176	222	263	316	338	351	358

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BP PB 1200 BARE	2128000	483	72					\$2,821.72	1
BP PB 1200 PKG	2128100	483	72	2.520/1.860	350	1.645	TI	\$3,346.50	1
BP PB 1200 PKG	2128101	483	68	2.520TI/1.860TI	350	1.645	TI	\$4,393.02	1
BP PB 1200 SPECIAL	2129000	CUSTOM ORDER					CALL FOR PRICING		1
BP PB 1201 BARE	2128001	480	72					\$2,821.72	1
BP PB 1201 PKG	2128105	480	70	2.520/1.860	350	1.645	TI	\$3,346.50	1
BP PB 1201 PKG	2128102	480	68	2.450TI/1.860TI	350	1.645	TI	\$4,393.02	1
BP PB 1202 BARE	2128002	497	72					\$2,876.60	1
BP PB 1202 PKG	2128103	497	72	2.520/1.860	350	1.645	TI	\$3,401.36	1
BP PB 1202 PKG	2128104	497	68	2.480TI/1.860TI	350	1.645	TI	\$4,448.74	1
PB 1203 BARE	2120000	475	72					\$2,025.58	1
PB 1203 PKG	2121000	475	72	2.520/1.860	350	1.645	TI	\$2,810.98	1
PB 1203 PKG	2121001	475	68	2.520TI/1.860TI	350	1.645	TI	\$3,975.32	1
BP PB 1204 BARE	2128003	510	71					\$2,876.60	1
BP PB 1204 PKG	2128106	510	71	2.520TI/1.860TI	350	1.645	TI	\$4,448.74	1



- Flows Over 560 cfm CNC Ported
- Cast Intake Available
- Small Efficient Combustion Chambers
- 100% CNC Ported



## PETER BIONDO

9.90@172 MPH



### ACCOMPLISHMENTS:

- 2011 NHRA SUPER GAS WORLD CHAMPION
- 6-TIME NHRA WORLD CHAMPION

PRODUCTS: 12° BRODIX HEADS AND BRODIX BLOCK  
ENGINE BUILDER: PAR ENGINES





# **PB 5000™ SERIES** **15° CYLINDER HEADS**

The introduction of the PB 5000 series heads blows the 5.0 bore spacing market wide open. These all new masterpieces are by far the most user-friendly heads in their class. These heads offer several features that include: 15° valve angle, raised oval-shaped intake ports, and specially designed combustion chambers that are nitrous-friendly. The standard features are copper valve seats, phosphorous bronze valve guides, and A-356 virgin aluminum alloy.



- Available 100% CNC Ported
- A-356 Virgin Aluminum; Easily Repaired
- Copper Valve Seats
- 15° Valve Angle
- Nitrous-Friendly Combustion Chambers

**SPECIAL INTAKE GASKETS, EXHAUST GASKETS, AND VALVE COVER GASKETS ARE AVAILABLE EXCLUSIVELY FROM BRODIX®.**

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## **Package Heads**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO BRODIX MG 5010
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.520 X 6.900 o.a.l. - 55° SEAT ANGLE
- Exhaust Valves: 1.860 X 6.820 o.a.l. - 55° SEAT ANGLE
- Valve Springs: 1.650 ROLLER VALVE SPRING - MA 221448, 350 lb CLOSED, 890 lb OPEN, 2.150 INSTALLED HEIGHT, .900 MAXIMUM LIFT
- Retainers: 1.645 10° TITANIUM - MA 2001
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: SHAFT SYSTEM REQUIRED
- Valve Seals: 11/32 - US VS485V

## **Facts and Related Components**

- Torque Heads: 70 ft-lb
  - Torque Rocker Studs: 40-45 ft-lb
  - Intake Gaskets: BRODIX MG 5010, FEL-PRO 1223 (.030 - .120 THICK)
  - Head Gaskets: FEL-PRO 26465, FEL-PRO 26466, OR FEL-PRO 26467 (.041 OR .053 THICK)
  - Exhaust Gaskets: BRODIX MG 5020, FEL-PRO 1428
  - Valve Cover Gaskets: BRODIX MG 5000, FEL-PRO 1696
  - Head Studs: AVAILABLE EXCLUSIVELY FROM BRODIX - SK HS PB 5000
  - Accessory Bolt Holes Are Not Drilled
  - Spark Plug Starting Points: NGK R5671A-10 FOR ALCOHOL NGK R5671A-9 FOR RACING GAS
  - Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN 1.750
  - Valve Angle: 15° AND 4° INTAKE, 6° AND 4° EXHAUST
  - Angle Milling: NOT AVAILABLE
  - Flat Milling: .0055 in PER cc
  - Angle Machining: NOT AVAILABLE
  - Dowel Shift: NOT AVAILABLE
  - Pushrod Slots: STANDARD
  - Rocker Arms: SHAFT SYSTEM - T&D 3075, JESEL KPS 319132
  - Lifters: STANDARD
  - Pistons: 15° X 6° VALVE ANGLE
  - Pushrods: CHECK PUSHROD CLEARANCE WITH HEAD INSTALLED ON THE ENGINE BLOCK BEFORE FINAL ASSEMBLY
  - Bore Size: 4.750 Only (BP PB 5000)  
4.675 - 4.750 (BP PB 5001, PB 5002)
  - Intake Manifold: Custom Sheet Metal / PM 1950\*
- \* MUST BE USED WITH INTAKE MANIFOLD ADAPTER KIT

**INTAKE ADAPTER  
NOW AVAILABLE**



**ADAPTS 4.840 BRODIX INTAKE MANIFOLD TO BRODIX 5.0 BORE SPACE BLOCK AND HEADS**

**BIG BLOCK CHEVY COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
BP PB 5000 (CNC Ported)	2.520 INTAKE	154	237	323	398	461	506	539	557
	1.860 EXHAUST	116	172	219	263	297	330	351	364
BP PB 5001 (CNC Ported)	2.520 INTAKE	156	245	338	415	471	511	545	566
	1.860 EXHAUST	119	169	217	261	301	343	367	382
PB 5002	2.520 INTAKE	148	242	335	406	464	505	535	546
	1.860 EXHAUST	113	167	217	254	316	348	353	359

## Basic Easy Order Numbers and More

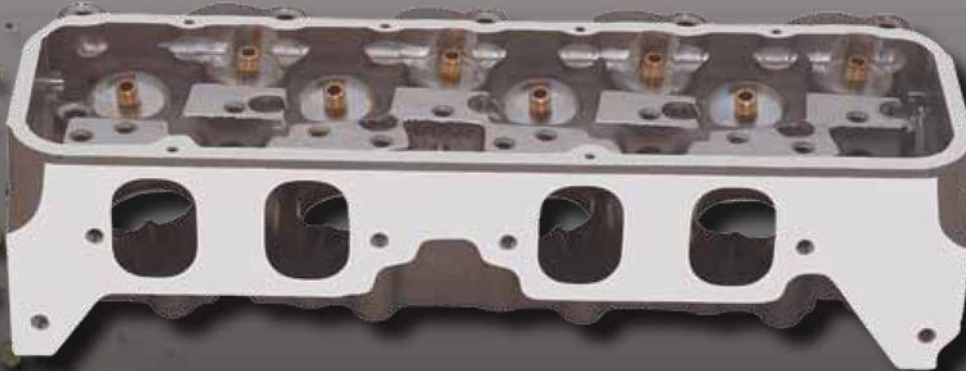
PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
BP PB 5000 BARE	2158000	515	80					\$3,052.76	1
BP PB 5000 PKG	2158100	515	80	2.520TI/1.860TI	400	1.670	TI	\$4,670.36	1
BP PB 5001 BARE	2158001	515	80					\$3,052.76	1
BP PB 5001 PKG	2158101	515	80	2.520TI/1.860TI	400	1.670	TI	\$4,670.36	1
PB 5002 BARE	2150000	509	80					\$2,134.94	1
PB 5002 PKG	2151000	509	80	2.520TI/1.860TI	350	1.645	TI	\$3,656.90	1

• Most Economical 5 Inch Head Available

• One-Piece Rocker Bar

• 2.520 Intake Valves

• 1.860 Exhaust Valves



• Special Headers Required

• Oval Intake Ports

## STEVE WILLIAMS



"I have been using the 5000 series block and heads on the 622 in my dragster for the last 4 years and it has been incredibly consistent, fast and still very reliable. We put the new PB 1204 heads on the 565 in my SG Corvette, and it picked up 40 hp on the dyno and 1.5 mph on the track. If you want a fast combination BROADIX has the best block and head combination available." - Steve Williams K&N Engineering

## K&N FILTERS





## **LH™ SERIES** **17° CYLINDER HEADS**

The KC LH F 17 series has taken the Ford market by storm. These 100% CNC ported heads utilize a new 17° valve angle that provides more torque and horsepower throughout the entire rpm range. The 195 cc version flows 300 cfm with a 2.020 intake valve. The 210 cc version flows 323 cfm with a 2.080 intake valve. The head is available in many stages from bare to assembled packages. The LH F 17 series is perfect for engines ranging from 302 cubic inches all the way up to 421 cubic inches.



- Ductile Iron Valve Seats for Use With Unleaded Fuel
- Ends Milled and Drilled for Accessories
- 100% CNC Ported
- 17° Valve Angle

## **Package Heads**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1250 (KC LH F 17 195)  
MATCH INTAKE PORT TO FP 1262 (KC LH F 17 210)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.020 X 4.920 o.a.l. - BR 6170DI (KC LH F 17 195)  
2.080 X 4.965 o.a.l. - BR 81019 (KC LH F 17 210)
- Exhaust Valves: 1.600 X 4.920 o.a.l. - BR 6169DI (KC LH F 17 195)  
1.600 X 4.965 o.a.l. - BR 81021 (KC LH F 17 210)
- Valve Springs: 1.470 HYDRAULIC ROLLER VALVE SPRING -  
CC 987, 125 lb CLOSED, 325 lb OPEN, 1.860  
INSTALLED HEIGHT, .575 MAXIMUM LIFT
- Retainers: 1.430 7° STEEL - CC 743
- Valve Locks: 7° - PI PF-555
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 5/16 - BR 289351
- Valve Seals: 11/32 - US VS529V

## **Facts and Related Components**

- Torque Heads: 100 ft-lb WITH 1/2" STUDS  
70 ft-lb WITH 7/16" STUDS
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1250 (KC LH F 17 195)  
FEL-PRO 1262 (KC LH F 17 210)
- Head Gaskets: FEL-PRO 1011-1 OR FEL-PRO 1011-2
- Exhaust Gaskets: FEL-PRO 1487, BRODIX MG 1350 (TRIM TO FIT)
- Head Bolts: ARP 154-3605 FOR 289-302  
ARP 154-3603 FOR 351
- Head Studs: ARP 154-4005 FOR 289-302  
ARP 154-4203 FOR 351
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION C63CX OR AUTOLITE 3922
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 17°
- Angle Milling: .010 in PER cc
- Flat Milling: .0060 in PER cc
- Stud Girdle: 53/119 - BR 6430 - AVAILABLE EXCLUSIVELY FROM BRODIX
- Guide Plates: 5/16 - BR 289351 - AVAILABLE EXCLUSIVELY FROM BRODIX
- Rocker Arms: FORD 7/16 ROLLER ROCKERS
- Lifters: Standard
- Valve Centerline: 53/119
- Intake Manifold: SMALL BLOCK FORD

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

**SMALL BLOCK FORD COMPATIBLE HEADS**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
KC LH F 17 195 (CNC Ported)	2.020 INTAKE	154	219	260	287	294	296	300
	1.600 EXHAUST	119	169	200	209	213	214	214
KC LH F 17 210 (CNC Ported)	2.080 INTAKE	151	223	269	300	319	322	323
	1.600 EXHAUST	113	166	200	217	222	222	222

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
LH F 17 BARE	1070000							\$1,277.02	2
KC LH 17 195 BARE	1078000	195	60					\$2,103.30	2
KC LH 17 195 PKG	1078100	195	60	2.020/1.600	125	1.470	ST	\$2,546.52	2
KC LH F 17 210 BARE	1078001	210	59					\$2,103.30	2
KC LH F 17 210 PKG	1078101	210	59	2.080/1.600	125	1.470	ST	\$2,546.52	2

• 195 and 210 cc Intake Ports

• Flows Over 300 cfm



• 1.600 Exhaust Valves

• 2.020 / 2.080 Intake Valves

• 60 cc Chambers

### JOE LAWSON



2011 Custom DTOR Buggy  
 • BRODIX TRACK 1® HEADS  
 • 408 CARBURETED SMALL BLOCK CHEVY





## **ST 5.0™ SERIES** **20° CYLINDER HEADS**

The BRODIX ST 5.0 cylinder head was developed to fit the Ford Windsor engine. Out of the box, completely assembled ST 5.0 heads produce a 50 horsepower increase over other stock heads, and the combustion chambers may be milled into the mid 50 cc range. All existing stock 5.0 accessories can be used in the installation of the BRODIX ST 5.0. A modified version, the BRODIX ST 5.0 R, allows the use of 7/16 Ford roller rockers. The exhaust ports are raised .500 higher than stock Windsor heads on both versions. The KC CNC ported ST 5.0 R outflows all other heads in its class.



- Ends Milled and Drilled for Accessories
- A-356 Virgin Aluminum; Easily Repaired
- Rocker Stands Available for Pedestal and Roller Rockers
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- 60 or 55 cc Combustion Chambers
- Available CNC Ported

## **Package Heads**

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1250
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 1.940 X 4.920 o.a.l. - BR 60194D  
2.020 X 4.920 o.a.l. - BR 6170DI
- Exhaust Valves: 1.600 X 4.940 o.a.l. - BR 6169DI
- Valve Springs: 1.470 HYDRAULIC ROLLER VALVE SPRING -  
CC 987, 125 lb CLOSED, 325 lb OPEN, 1.900  
INSTALLED HEIGHT, .575 MAXIMUM LIFT
- Retainers: 1.430 7° STEEL - CC 743
- Valve Locks: 7° - PI PF-555
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I (ST 5.0 R)
- Guide Plates: 5/16 - BR 289351 (ST 5.0 R)
- Valve Seals: 11/32 - US VS529V

## **Facts and Related Components**

- Torque Heads: 100 ft-lb WITH 1/2" STUDS  
70 ft-lb WITH 7/16" STUDS
- Torque Rocker Stands: 30 ft-lb (ST 5.0)
- Torque Rocker Studs: 40-45 ft-lb (ST 5.0 R, KC ST 5.0 R)
- Intake Gaskets: FEL-PRO 1250
- Head Gaskets: FEL-PRO 1011-1 OR FEL-PRO 1011-2
- Head Studs: ARP 154-4005 FOR 289-302  
ARP 154-4203 FOR 351
- Head Bolts: ARP 154-3605 FOR 289-302  
ARP 154-3603 FOR 351
- Exhaust Gaskets: FEL-PRO 1487, BRODIX MG 1350
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION C63CX OR AUTOLITE 3922
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 20°
- Angle Milling: NOT AVAILABLE
- Flat Milling: .0060 in PER cc
- Pushrods: STOCK LENGTH 6.250; MAY REQUIRE SPECIAL  
LENGTH IF HEADS ARE MILLED
- Rocker Arms: FORD STOCK 5.0 STANDARD NON-ADJUSTABLE  
ROCKERS (MOTORSPORTS PART # M6564-B351)  
FOR ST 5.0  
ANY FORD ROLLER ROCKERS WITH 7/16"  
ROCKER STUDS FOR ST 5.0 R
- Stud Girdle: 53/119 - BR 6430
- Air Tube: STOCK AIR TUBE CAN BE USED WITH MINOR  
MODIFICATIONS
- Valve Centerline: 53/119
- Intake Manifold: SMALL BLOCK FORD

**Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer**

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.700
ST 5.0	1.940 INTAKE	130	186	225	237	241	
	1.600 EXHAUST	100	132	156	172	184	
ST 5.0 R	1.940 INTAKE	130	186	225	237	241	
	1.600 EXHAUST	100	132	156	172	184	
KC ST 5.0 R (CNC Ported)	2.020 INTAKE	145	208	245	272	277	281
	1.600 EXHAUST	119	150	179	198	209	216

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
ST 5.0 BARE	1050000	171	60					\$1,059.90	2
** ST 5.0 PKG **	1051000	171	60	1.940/1.600	125	1.470	ST	\$1,490.56	2
ST 5.0 PKG	1051001	171	60	2.020/1.600	125	1.470	ST	\$1,490.56	2
ST 5.0 PKG	1051002	171	55	1.940/1.600	125	1.470	ST	\$1,804.12	2
ST 5.0 PKG	1051003	171	55	2.020/1.600	125	1.470	ST	\$1,804.12	2
ST 5.0 SPECIAL	1059000	CUSTOM ORDER						CALL FOR PRICING	2
ST 5.0 R BARE	1050001	171	60					\$1,059.90	2
** ST 5.0 R PKG **	1051004	171	60	1.940/1.600	125	1.470	ST	\$1,527.22	2
ST 5.0 R PKG	1051005	171	60	2.020/1.600	125	1.470	ST	\$1,527.22	2
ST 5.0 R PKG	1051006	171	55	1.940/1.600	125	1.470	ST	\$1,841.94	2
ST 5.0 R PKG	1051007	171	55	2.020/1.600	125	1.470	ST	\$1,841.94	2
ST 5.0 R SPECIAL	1059001	CUSTOM ORDER						CALL FOR PRICING	2
KC ST 5.0 R BARE	1058000	185	66					\$2,364.48	2
** KC ST 5.0 R PKG **	1058100	185	66	2.020/1.600	125	1.470	TI	\$2,760.30	2
KC ST 5.0 R PKG	1058101	185	60	2.020/1.600	125	1.470	TI	\$2,760.30	2
KC ST 5.0 R SPECIAL	1059002	CUSTOM ORDER						CALL FOR PRICING	2

• 53 / 119 Valve Centerline

• Flows Over 275 cfm, CNC Ported

• Available Bare or Complete



• 1.940 / 2.020 Intake Valves

• 1.600 Exhaust Valves

• Flows Over 240 cfm out of the Box

## KEN SPEARS



"After racing this truck for two years without a win, I won the very first race after installing my BRODIX heads."  
- Ken Spears

ACCOMPLISHMENTS: TWO-TIME WINNER OF STREET CAR SUPERNATIONALS AT LAS VEGAS, NV  
PRODUCTS: BRODIX BP BB-3 XTRA 0 365 HEADS



## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1262 (T1 F STD, STS T1 F STD 214)  
MATCH INTAKE PORT TO FP 1262R (STS T1 F STD 225)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.055 X 4.920 o.a.l. - BR 60005 (T1 F STD)  
2.080 X 4.965 o.a.l. - BR 81019 (T1 F STD)  
2.100 X 4.965 o.a.l. - BR 81011 (STS T1 F STD 214/225)
- Exhaust Valves: 1.600 X 4.940 o.a.l. - BR 60001 (T1 F STD)  
1.600 X 4.965 o.a.l. - BR 81021 (T1 F STD, STS T1 F STD 214/225)
- Valve Springs: 1.470 HYDRAULIC ROLLER VALVE SPRING - CC 987,  
125 lb CLOSED, 325 lb OPEN, 1.900 INSTALLED HEIGHT, .575 MAXIMUM LIFT  
1.550 FLAT TAPPET VALVE SPRING - BT 120121,  
140 lb CLOSED, 400 lb OPEN, 1.950 INSTALLED HEIGHT, .600 MAXIMUM LIFT  
1.550 ROLLER VALVE SPRING - GA 1000, 240 lb CLOSED, 550 lb OPEN, 1.950 INSTALLED HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.430 7° STEEL - CC 743  
1.550 10° STEEL - CC 752 (T1 F STD)  
1.550 10° TITANIUM - MA 2398BR (STS T1 F STD 214/225)
- Valve Locks: 7° - PI PF-555  
10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I
- Guide Plates: 5/16 - BR 289351 - AVAILABLE EXCLUSIVELY FROM BRODIX
- Valve Seals: 11/32 - US VS529V

## TRACK 1 FORD COMPATIBLE SERIES 20° CYLINDER HEADS

The BRODIX Track 1 F series was designed for bolt-on horsepower, reliability, and weight loss. This head has become the cylinder head of choice in the Ford market for racers using the Windsor-style engine. It is available in many stages ranging from out-of-the-box bare castings to 100% CNC ported, assembled packages. The BRODIX Track 1 F comes standard with an exhaust port that has been raised .500". The X exhaust that incorporates the "N" bolt pattern is available as an option, and the combustion chambers may be angle milled. BRODIX has the perfect head for all applications with port sizes ranging from 195 cc to 225 cc.

## Facts and Related Components

- Torque Heads: 100 ft-lb WITH 1/2" STUDS  
70 ft-lb WITH 7/16" STUDS
- Torque Rocker Studs: 40-45 ft-lb
- Intake Gaskets: FEL-PRO 1262 (T1 F STD, STS T1 F STD 214)  
FEL-PRO 1262R (STS T1 F STD 225)
- Head Gaskets: FEL-PRO 1011-1 OR FEL-PRO 1011-2
- Head Studs: ARP 154-4203
- Head Bolts: ARP 154-3603
- Exhaust Gaskets: FEL-PRO 1487 OR BRODIX MG 1350  
T1 F STD X EXHAUST USES BRODIX MG 1351 -  
AVAILABLE EXCLUSIVELY FROM BRODIX
- Accessory Bolt Holes Are Drilled
- Spark Plug Starting Points: CHAMPION RN12YC OR AUTOLITE 3924  
FOR PUMP GAS  
NGK R5671A-8 FOR RACING GAS  
NGK R5671A-9 FOR ALCOHOL
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 20°
- Angle Milling: .010 in PER cc
- Flat Milling: .0060 in PER cc
- Stud Girdle: 53/119, BR 6430 - AVAILABLE EXCLUSIVELY FROM BRODIX
- Rocker Arms: FORD 7/16" ROLLER ROCKERS
- Guide Plates: 5/16 - BR 289351 - AVAILABLE EXCLUSIVELY FROM BRODIX
- Lifters: STANDARD
- Valve Centerline: 53/119
- Intake Manifold: SMALL BLOCK FORD

SMALL BLOCK FORD COMPATIBLE HEADS

- Combustion Chambers Available in a Variety of Sizes
- Ends Milled and Drilled for Accessories
- A-356 Virgin Aluminum; Easily Repaired
- Available CNC Ported
- Ductile Iron Valve Seats for Use With Unleaded Fuel (Copper Seats Available)



# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
T1 F STD	2.080 INTAKE	124	172	212	241	255	260	261
	1.600 EXHAUST	100	129	153	166	176	179	180
T1 F STD X	2.080 INTAKE	124	172	212	241	255	260	261
	1.600 EXHAUST	100	134	164	184	195	200	203
STS T1 F STD 214 (CNC Ported)	2.080 INTAKE	141	211	265	298	320	323	326
	1.600 EXHAUST	119	161	190	203	213	216	221
STS T1 F STD 225 (CNC Ported)	2.100 INTAKE	147	215	262	303	324	333	334
	1.600 EXHAUST	119	161	190	203	213	216	221

## Basic Easy Order Numbers

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
T1 F STD BARE	1060000	195	68					\$1,190.48	2
T1 F STD PKG	1061000	195	68	2.055/1.600	140	1.550	ST	\$1,888.36	2
T1 F STD PKG	1061001	195	68	2.055/1.600	140	1.550	TI	\$2,136.32	2
** T1 F STD PKG **	1061002	195	68	2.080/1.600	240	1.550	ST	\$1,888.36	2
T1 F STD PKG	1061003	195	68	2.080/1.600	240	1.550	TI	\$2,136.32	2
T1 F STD PKG	1061004	195	60	2.055/1.600	140	1.550	ST	\$1,995.60	2
T1 F STD PKG	1061005	195	60	2.055/1.600	140	1.550	TI	\$2,243.56	2
T1 F STD PKG	1061006	195	60	2.080/1.600	240	1.550	ST	\$1,995.60	2
T1 F STD PKG	1061007	195	60	2.080/1.600	240	1.550	TI	\$2,243.56	2
T1 F STD SPECIAL	1069000	CUSTOM ORDER					CALL FOR PRICING		2
T1 F STD X BARE	1060001	195	68					\$1,190.48	2
T1 F STD X PKG	1061008	195	68	2.055/1.600	140	1.550	ST	\$1,888.36	2
T1 F STD X PKG	1061009	195	68	2.055/1.600	140	1.550	TI	\$2,136.32	2
T1 F STD X PKG	1061010	195	68	2.080/1.600	240	1.550	ST	\$1,888.36	2
T1 F STD X PKG	1061011	195	68	2.080/1.600	240	1.550	TI	\$2,136.32	2
T1 F STD X PKG	1061012	195	60	2.055/1.600	140	1.550	ST	\$1,995.60	2
T1 F STD X PKG	1061013	195	60	2.055/1.600	140	1.550	TI	\$2,243.56	2
T1 F STD X PKG	1061014	195	60	2.080/1.600	240	1.550	ST	\$1,995.60	2
T1 F STD X PKG	1061015	195	60	2.080/1.600	240	1.550	TI	\$2,243.56	2
T1 F STD X SPECIAL	1069001	CUSTOM ORDER					CALL FOR PRICING		2
STS T1 F STD 214 BARE	1068001	214	68					\$2,341.54	2
STS T1 F STD 214 PKG	1068104	214	68	2.080/1.600	140	1.550	TI	\$2,940.94	2
STS T1 F STD 214 PKG	1068105	214	68	2.080/1.600	240	1.550	TI	\$2,940.94	2
STS T1 F STD 225 BARE	1068002	225	68					\$2,341.54	2
STS T1 F STD 225 PKG	1068106	225	68	2.100/1.600	140	1.550	TI	\$2,940.94	2
STS T1 F STD 225 PKG	1068107	225	68	2.100/1.600	240	1.550	TI	\$2,940.94	2

\*\* Indicates most popular packages sold. \*\*

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

- 20° Valve Angle
- Machined Valve Cover Rail
- 53/119 Valve Centerline



**CHARLIE BOOZE, JR** 8.469@154.18 MPH

PRODUCTS: BRODIX TRACK 1 FORD COMPATIBLE HEADS  
ENGINE BUILDER: KUNTZ & Co.

"MULTI NMRA EVENT WINS WITH BRODIX TRACK 1 FORD  
COMPATIBLE HEADS"



# Package Heads

## B1 SERIES 15° AND 18° CYLINDER HEADS

The small block B1 BA is usable for many applications such as Pro Street, oval track, and drag racing. Standard exhaust headers, intake manifolds, and valve covers may be used. A relocated spark plug, along with improved port and combustion chamber design, provides excellent performance gains over any other Mopar compatible heads. If using an R Block that oils through the pushrods, small block Chevrolet rockers may be used. Special guide plates may have to be fabricated to use the Chevrolet rockers. If using a standard 340 or 360 block, standard adjustable Chrysler rocker arms may be used with special B1 stands. Some stock manifolds may require milling. The B1 BA MC has unmachined pushrod slots, requires a shaft mounted rocker system, and uses an intake manifold that works with W-5 or W-7 cylinder heads. The exhaust face is also left blank so that a W-5, W-7, or stock exhaust pattern can be drilled.

The B1 BS is available in two different versions, out-of-the-box and 100% CNC ported. These versions offer a 90-120 hp gain over their cast iron competitors. The out-of-the-box version has bowls blended, intake ports matched, and a multi-angle valve job. The 100% CNC ported version is completely ported and contoured to assure maximum airflow and velocity. The B1 BS is absolutely the best buy for Mopar racers who would like to replace their cast iron heads and add horsepower. Some special parts such as rockers, head studs, and longer pushrods must be used.

The B1 MO is designed for the serious Chrysler B big block racers and is easily capable of flowing over 400 cfm. The B1 MO requires some special parts such as pistons, rocker system, intake manifold, and valve covers. This head uses standard headers and a B block. A moved centerline (MC) version is also available. All heads in the B1 Series utilize a thick deck that is compatible with nitrous.



- A-356 Virgin Aluminum; Easily Repaired
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- 18° Valve Angle

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1213 (B1 BA)  
MATCH INTAKE PORT TO FP 1214 (B1 BS)  
MATCH INTAKE PORT TO FP 1276 (B1 MO OR MC)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 5.065 o.a.l. - BR 60029 (B1 BA)  
2.140 X 5.290 o.a.l. - BR 81050 (B1 BA MC)  
2.200 X 5.290 o.a.l. - BR 81049 (B1 BS)  
2.300 X 5.380 o.a.l. - BR 86002 (B1 MO)  
2.400 X 5.500 o.a.l. - BX 2400-550T (B1 MO MC)
- Exhaust Valves: 1.600 X 5.065 o.a.l. - BR 60030 (B1 BA)  
1.600 X 5.300 o.a.l. - BR 81051 (B1 BA MC)  
1.810 X 5.300 o.a.l. - BR 81081 (B1 BS)  
1.780 X 5.400 o.a.l. - BR 86003 (B1 MO OR MC)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT (B1 BA, B1 BS)  
1.640 ROLLER VALVE SPRING - MA 221424, 250 lb  
CLOSED, 745 lb OPEN, 2.050 INSTALLED  
HEIGHT, .800 MAXIMUM LIFT (SPRING  
UPGRADE - B1 BS, B1 MO OR MC)
- Retainers: 1.550 10° STEEL - CC 752  
1.625 10° TITANIUM - MA 23640 (B1 BS, B1 MO)
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: STOCK ROCKERS (B1 BA RS, B1 BA)  
SHAFT SYSTEM REQUIRED (B1 BA MC, B1 MO OR MC)  
B1 BS ROCKER SYSTEM (B1 BS)
- Valve Seals: 11/32 - US VS529V

## Facts and Related Components

- Torque Heads: 70 ft-lb WITH 7/16" STUDS  
100 ft-lb WITH 1/2" STUDS
- Torque Rocker Studs: 30 ft-lb
- Intake Gaskets: FEL-PRO 1213 (B1 BA)  
FEL-PRO 1214 (B1 BS)  
FEL-PRO 1276 (B1 MO OR MC)
- Head Gaskets: FEL-PRO 1008 (B1 BA)  
FEL-PRO 1009 (B1 BS, B1 MO OR MC)
- Exhaust Gaskets: FEL-PRO 1413 (B1 BA)  
FEL-PRO 1414 (B1 BS, B1 MO)
- Head Studs: ARP 144-4204 (B1 BA)  
ARP 145-4012 (B1 BS)  
ARP 145-4007 (B1 MO OR MC)
- Accessory Bolt Holes Are Not Drilled (B1 BA), Are Drilled (B1 BS)
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER THAN  
1.550 (B1 BA), 1.625 (B1 BS, B1 MO OR MC)
- Valve Angle: 18° (B1 BA), 15° (B1 BS, B1 MO OR MC)
- Angle Milling: NOT AVAILABLE (B1 BA), .0065 in PER cc (B1 BS),  
.0070 in PER cc (B1 MO OR MC)
- Flat Milling: .0055 in PER cc
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD (B1 BA, B1 BS, B1 MO)  
NOT MACHINED (B1 BA MC)
- Pistons: STANDARD CLOSED CHAMBER (B1 BA)  
SPECIAL 18° (B1 BA MC)  
STANDARD CLOSED CHAMBER (B1 BS)  
SPECIAL 15° (B1 MO OR MC)
- Rocker Arms: SPECIAL ROCKER STAND KIT FOR STOCK ROCKERS  
(B1 BA)  
SHAFT SYSTEM - T&D 8019, JESEL KPS 11663 (B1 BA)  
T&D 8017, JESEL KPS 23998, (B1 BA MC) T&D 8010,  
JESEL KPS SP1100 (B1 MO) T&D 8025 (B1 MO MC)  
B1 BS ROCKER SYSTEM (B1 BS)

# Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
B1 BA	2.080 INTAKE	129	180	221	249	263	267	269
	1.600 EXHAUST	119	160	182	190	195	196	198
B1 BA (Ported)	2.080 INTAKE	145	203	250	286	300	302	303
	1.600 EXHAUST	121	169	195	208	214	216	217
B1 BA MC (Ported)	2.140 INTAKE	147	216	272	309	332	341	347
	1.600 EXHAUST	120	170	198	210	215	219	220
B1 BS	2.200 INTAKE	145	204	249	284	294	295	295
	1.810 EXHAUST	123	155	184	206	222	228	233
STS B1 BS (CNC Ported)	2.200 INTAKE	145	214	267	305	337	341	348
	1.810 EXHAUST	126	171	211	238	255	269	279
B1 MO	2.300 INTAKE	151	220	277	325	364	382	396
	1.780 EXHAUST	116	174	216	227	227	227	227

## Basic Easy Order Numbers and More

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
B1 BA BARE	3180000	195	65					\$765.08	1
B1 BA PKG	3181000	195	65	2.080/1.600	240	1.550	ST	\$1,276.32	1
B1 BA PKG	3181001	195	65	2.080/1.600	240	1.550	TI	\$1,381.28	1
B1 BA SPECIAL	3189000	CUSTOM ORDER					CALL FOR PRICING		1
B1 BA MC BARE	3180002	239	67					\$934.28	1
B1 BA MC SPECIAL	3189002	CUSTOM ORDER					CALL FOR PRICING		1
B1 BS BARE	3180001	230	65					\$1,008.43	1
B1 BS PKG	3181002	230	65	2.200/1.810	240	1.550	ST	\$1,276.32	1
B1 BS PKG	3181003	230	65	2.200/1.810	240	1.550	TI	\$1,381.28	1
B1 BS SPECIAL	3189001	CUSTOM ORDER					CALL FOR PRICING		1
STS B1 BS BARE	3188000	243	80					\$1,674.04	1
STS B1 BS PKG	3188100	243	80	2.200/1.810	240	1.550	TI	\$2,333.08	1
B1 MO BARE	3150000	300	68					\$1,276.32	1
B1 MO PKG	3151000	300	68	2.300/1.780	240	1.625	TI	\$1,810.96	1
B1 MO PKG	3151001	300	68	2.300/1.780	240	1.645	TI	\$1,915.90	1
B1 MO SPECIAL	3159000	CUSTOM ORDER					CALL FOR PRICING		1

### • Center Water Circulation



### • Machined Valve Cover Rail

### • Toughest Casting Available

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Facts and Related Components Cont.

- Lifters: STANDARD
- Pushrods: SPECIAL LENGTH
- Valve Centerline: STANDARD-A (B1 BA)  
60/100 (B1 BA MC)  
STANDARD-B (B1 BS, STS B1 BS)  
SPECIAL (B1 MO, B1 MO MC)
- Intake Manifold: SMALL BLOCK CHRYSLER (B1 BA)  
W-5 or W-7 CHRYSLER (B1 BA MC)  
BIG BLOCK CHRYSLER (B1 BS, STS B1 BS)  
B1 MANIFOLD (B1 MO, B1 MO MC)

## TODD EWING HUNTSVILLE RACING ENGINES



PRODUCTS: BRODIX BP HH BB 383 HEADS, BRODIX BM 2017 MANIFOLD, AND  
BRODIX 8B 2000 BLOCK

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1206 (SP CH)  
MATCH INTAKE PORT TO FP 1262 (SP FO)  
MATCH INTAKE PORT TO FP 1213 (SP MO)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 4.965 o.a.l. - BR 81019 (SP CH OR SP FO)  
2.080 X 5.065 o.a.l. - BR 60029 (SP MO)
- Exhaust Valves: 1.600 X 4.965 o.a.l. - BR 81021 (SP CH OR SP FO)  
1.600 X 5.065 o.a.l. - BR 60030 (SP MO)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° STEEL - CC 752
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I (SP CH OR SP FO)  
SHAFT SYSTEM REQUIRED (SP MO)
- Guide Plates: 5/16 - CC 4808 (SP CH)  
5/16 - BR 289351 (SP FO)  
NOT AVAILABLE (SP MO)
- Valve Seals: 11/32 - US VS529V

## Facts and Related Components

- Torque Heads: 70 ft-lb WITH 7/16" STUDS
- Torque Rocker Studs: 40-45 ft-lb (SP CH OR SP FO)
- Torque Rocker Shaft: 30 ft-lb (SP MO)
- Intake Gaskets: FEL-PRO 1206 (SP CH)  
FEL-PRO 1262 (SP FO)  
FEL-PRO 1213 (SP MO)
- Head Gaskets: 350 - FEL-PRO 1003 (SP CH)  
FEL-PRO 1011-1 OR FEL-PRO 1011-2 (SP FO)  
FEL-PRO 1008 (SP MO)
- Exhaust Gaskets: FEL-PRO 1406 (SP CH)  
BRODIX MG 1351 (SP FO, "N" BOLT PATTERN)  
FEL-PRO 1413 (SP MO)
- Head Studs: ARP 234-4301 (SP CH)  
ARP 154-4203 (SP FO)  
ARP 144-4204 (SP MO)
- Accessory Bolt Holes Are Drilled Except on SP MO
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23° (SP CH)  
20° (SP FO)  
18° (SP MO)
- Angle Milling: CHECK RULES FOR YOUR ASSOCIATION
- Flat Milling: .0060 in PER cc (SP CH OR SP FO)  
.0055 in PER cc (SP MO)
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: STANDARD (SP CH)  
53/119 SPACING (SP FO)  
SPECIAL (SP MO)
- Stud Girdle: STANDARD, BR 6435 (SP CH)  
53/119 BRODIX BR 6430 (SP FO)  
SHAFT SYSTEM REQUIRED (SP MO)
- Rocker Arms: STANDARD (SP CH OR SP FO)  
SHAFT SYSTEM REQUIRED (SP MO) - T&D 8019,  
JESEL KPS 248102
- Lifters: STANDARD
- Pushrods: SPECIAL LENGTH

## SPEC. CYLINDER HEADS TO FIT CHEVY - FORD - MOPAR

The BRODIX Spec. heads are made for tracks wanting cylinder heads that are cost effective and equal for all competitors. These cylinder heads are very durable and user-friendly. Replaceable phosphorous bronze guides are installed along with ductile iron seats. The Spec. head is 100% CNC machined. Do not cut spring seats any larger or deeper than 1.550. Contact your local association for exact rules. Please advise BRODIX of your track affiliation.



### SP CH

- Ends Milled and Drilled for Accessories Except on SP MO
- Ductile Iron Valve Seats for Use With Unleaded Fuel
- A-356 Virgin Aluminum; Easily Repaired

SPEC. HEADS

# Cylinder Head Specifications

	INTAKE PORT	VALVE SIZES INTAKE/EXHAUST	PLUG ANGLE	EXHAUST PATTERN	VALVE CENTERLINE	INTAKE MANIFOLD
SP CH*	215 cc	2.080/1.600	Straight / Angle	Standard	Standard	See Rule Book
SP FO*	195 cc	2.080/1.600	Angle	"N" Style	53/119	See Rule Book
SP MO*	192 cc	2.080/1.600	Angle	Standard	Standard	See Rule Book

\* Available in several versions to comply with rule requirements.  
Please advise BRODIX sales staff of your track affiliation when ordering heads.

## Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
SP CH	2.080 INTAKE	121	176	223	249	261	265	269
	1.600 EXHAUST	92	134	158	172	179	182	182
SP FO	2.080 INTAKE	120	180	224	255	267	268	270
	1.600 EXHAUST	103	130	159	179	191	198	202
SP MO	2.080 INTAKE	129	180	221	249	263	267	269
	1.600 EXHAUST	119	160	182	190	195	196	198

## Basic Easy Order Numbers

• SP CH Bare*	67 Chamber	Custom Order
• SP FO Bare*	67 Chamber	Custom Order
• SP MO Bare*	67 Chamber	Custom Order

\*PLEASE ADVISE BRODIX SALES STAFF OF YOUR TRACK AFFILIATION WHEN ORDERING HEADS.

### SP FO

- 195 cc Intake Ports
- Phosphorous Bronze Guides
- "N" Exhaust Pattern



### SP MO

- CNC Bowl Blended
- 192 cc Intake Ports



**RAY GUSS, JR.**

**IMCA**



PHOTO BY MIKE RUEFER

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Website for Your Nearest Dealer





## ASCS / SUPA SERIES CYLINDER HEADS

**TO FIT  
CHEVY - FORD - MOPAR**

The BRODIX Spec. heads are made for tracks wanting cylinder heads that are cost effective and equal for all competitors. These cylinder heads are very durable and user-friendly. Replaceable phosphorous bronze guides are installed along with ductile iron seats. The Spec. head is 100% CNC machined. Do not cut spring seats any larger or deeper than 1.550. Contact your local association for exact rules. Please advise BRODIX of your track affiliation.

**SPEC. HEADS**



- Ends Milled and Drilled for Accessories Except on 27-222 / B1 BA SUPR
- A-356 Virgin Aluminum; Easily Repaired
- Ductile Iron Valve Seats for Use With Unleaded Fuel

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer

## Package Heads

- PS CB: VALVE BOWLS BLENDED
- PS MI: MATCH INTAKE PORT TO FP 1206 (CH)  
MATCH INTAKE PORT TO FP 1262 (FO)  
MATCH INTAKE PORT TO FP 1213 (MO)
- PS Valve Job: COMPETITION VALVE JOB
- Intake Valves: 2.080 X 4.965 o.a.l. - BR 81019 (FO)  
2.080 X 5.065 o.a.l. - BR 60029 (CH OR MO)
- Exhaust Valves: 1.600 X 4.965 o.a.l. - BR 81021 (FO)  
1.600 X 5.065 o.a.l. - BR 60030 (CH OR MO)
- Valve Springs: 1.550 ROLLER VALVE SPRING - GA 1000, 240 lb  
CLOSED, 550 lb OPEN, 1.950 INSTALLED  
HEIGHT, .700 MAXIMUM LIFT
- Retainers: 1.550 10° TITANIUM - MA 2398BR
- Valve Locks: 10° JUMBO - CC 611
- Rocker Studs: 7/16 - BR 716L, AR RRS-4I (CH OR FO)  
SHAFT SYSTEM REQUIRED (MO)
- Guide Plates: 5/16 - BR 5160 (CH)  
5/16 - BR 289351 (FO)  
NOT AVAILABLE (MO)
- Valve Seals: 11/32 - US VS529V

## Facts and Related Components

- Torque Heads: 70 ft-lb WITH 7/16" STUDS
- Torque Rocker Studs: 40-45 ft-lb (CH OR FO)
- Torque Rocker Shaft: 30 ft-lb (MO)
- Intake Gaskets: FEL-PRO 1206 (CH)  
FEL-PRO 1262 (FO)  
FEL-PRO 1213 (MO)
- Head Gaskets: 350 - FEL-PRO 1003 (CH)  
FEL-PRO 1011-1 OR FEL-PRO 1011-2 (FO)  
FEL-PRO 1008 (MO)
- Exhaust Gaskets: BRODIX MG 1500, COMETIC C5424 (CH)  
BRODIX MG 1351 (FO,"N" BOLT PATTERN)  
FEL-PRO 1413 (MO)
- Head Studs: ARP 234-4301 (CH)  
ARP 154-4203 (FO)  
ARP 144-4204 (MO)
- Accessory Bolt Holes Are Drilled Except on 27-222 / B1 BA SUPR
- Spark Plug Starting Points: NGK R5671A-9 FOR ALCOHOL  
NGK R5671A-8 FOR RACING GAS
- Spring Pockets: MAY NOT BE CUT ANY LARGER OR DEEPER  
THAN 1.550
- Valve Angle: 23° (CH)  
20° (FO)  
18° (MO)
- Angle Milling: .0078 in PER cc (CH)  
NOT AVAILABLE (FO OR MO)
- Flat Milling: .0060 in PER cc (CH OR FO)  
.0055 in PER cc (MO)
- Angle Machining: NOT AVAILABLE
- Dowel Shift: NOT AVAILABLE
- Pushrod Slots: 40/60 SPACING (CH)  
53/119 SPACING (FO)  
SPECIAL (MO)
- Stud Girdle: 40/60, BRODIX BR 6440 (CH)  
53/119, BRODIX BR 6430 (FO)  
SHAFT SYSTEM REQUIRED (MO)
- Rocker Arms: STANDARD (CH OR FO)  
SHAFT SYSTEM REQUIRED (MO) - T&D 8019,  
JESEL KPS 248102
- Lifters: STANDARD
- Pushrods: SPECIAL LENGTH

# Cylinder Head Specifications

	INTAKE PORT	VALVE SIZES INTAKE/EXHAUST	PLUG ANGLE	EXHAUST PATTERN	VALVE CENTERLINE	INTAKE MANIFOLD
11 SP X ASCS/SUPR*	215 cc	2.080/1.600	Angle	Spread Port	40/60	See Rule Book
27-223/T1 F STD X SUPR*	195 cc	2.080/1.600	Angle	"N" Style	53/119	See Rule Book
27-222/B1 BA SUPR*	192 cc	2.080/1.600	Angle	Standard	Standard	See Rule Book

\* Available in several versions to comply with rule requirements.  
Please advise BRODIX sales staff of your track affiliation when ordering heads.

## Flow Chart cfm @ 28" H<sub>2</sub>O

	VALVE SIZE	0.200	0.300	0.400	0.500	0.600	0.650	0.700
11 SP X ASCS/SUPR	2.080 INTAKE	130	187	232	265	267	269	270
	1.600 EXHAUST	100	132	162	185	201	206	210
27-223/T1 F STD X SUPR	2.080 INTAKE	120	180	224	255	267	268	270
	1.600 EXHAUST	103	130	159	179	191	198	202
27-222/B1 BA SUPR	2.080 INTAKE	129	180	221	249	263	267	269
	1.600 EXHAUST	119	160	182	190	195	196	198

## Basic Easy Order Numbers

PART #	EASY ORDER #	PORT VOL.	CHAM. VOL.	INT/EXH VALVE	SPRING SEAT PRESSURE	SPRING DIAM.	RET. ST/TI	RACER	PER
11 SP X ASCS BARE	1110002	215	67					\$1,335.18	2
11 SP X ASCS PKG	1111004	215	67	2.080/1.600	240	1.550	TI	\$2,240.54	2
11 SP X ASCS PKG	1111005	215	62	2.080/1.600	240	1.550	TI	\$2,330.54	2
11 SP X ASCS SPECIAL	1119002						CUSTOM ORDER		2
11 SP X SUPR BARE	1110003	215	67					\$1,335.18	2
11 SP X SUPR PKG	1111006	215	67	2.080/1.600	240	1.550	TI	\$2,240.54	2
11 SP X SUPR PKG	1111007	215	62	2.080/1.600	240	1.550	TI	\$2,330.54	2
11 SP X SUPR SPECIAL	1119003						CUSTOM ORDER		2

### 11 SP X ASCS / SUPR

• 40/60 Valve Centerline



• Spread Exhaust Ports

• Center Water Circulation

• Available ASCS Ported

## MORGAN BAGLEY SUPR



PHOTO BY MIKE RUEFFER



CHEVY COMPATIBLE SMALL BLOCK



# ALUMINUM SMALL BLOCK BRODIX® BLOCKS

BRODIX has developed the strongest and most versatile block in the industry. The BRODIX 8B 1000 aluminum block has conquered the late model and sprint car markets. The strength and durability of this block is unmatched by any competitors in the industry. The BRODIX blocks are 100% CNC machined in-house and offer many deck heights, lightening programs, cam bearings, and main cap options.

## Block Part Numbers

- 8B 1000\*: 400 Main / 4.125 Bore
- 8B 1050\*: 350 Main / 4.125 Bore
- 8B 1100\*: 400 Main / 4.000 Bore
- 8B 1150\*: 350 Main / 4.000 Bore

\* Must Specify Bell Housing Style, Deck Height, Cam Bearing Style, and Cam Locations

## Block Specifications

- Made in the USA
- Proprietary A-356 Virgin Aluminum
- Standard and 50 mm Roller Cam Bearings Machined at No Additional Charge
- Strongest Main Webbing in the Business
- Raised Cam Location Available
- Choose From Wet or Dry Sump
- Optional Lightening Packages
- Available With or Without a Fuel Pump Boss
- No Provision for Starter on Sprint Car Blocks
- Available With Three Bell Housing Styles: Drag Race, Late Model, and Sprint Car
- Head Studs Are Available From BRODIX
- Plug Kit Is Provided With the Block
- Raised Cam Block Is Available With Standard or Wide Pan Rail
- Best Block in the Industry

## Basic Easy Order Numbers

• 8B 1000 A	400 Main/400 Bore	8011000	\$ 4,757.85	PER 1
• 8B 1150 A	350 Main/350 Bore	8011001	\$ 4,757.85	PER 1
• 8B 1000 C*	400 Main/400 Bore	8031000	\$ 4,757.85	PER 1
* Raised Cam				



Standard Bell Housing



Late Model Bell Housing



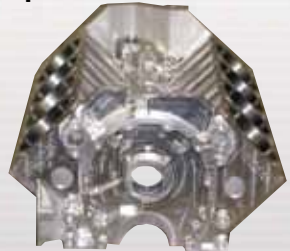
Sprint Car Bell Housing



Side Lightening Option  
(Ultra Lightened)



Lifter Valley Lightening



Front Timing Cover Lightening



SLEEVES WITH THICK REGISTERS  
INSTALLED ASSURING PROPER RING SEAL



## Cam Bearings

- Cam Bearings Are Sold Separately
- Small Block Babbit Bearings\*
- Big Block Babbit Bearings\*
- Standard Roller Bearings (2.250 o.d.) $\Delta$
- 50 mm Roller Bearings $\Delta$
- 55 mm Roller Bearings $\Delta$
- \* Babbit style cam bearings will require the use of wide cam bearings with 1/4" locks in the center bearings and spiral locks on the two end bearings.
- $\Delta$  Roller cam bearings use spiral locks on all cam bearings.

## Main Caps

- 350 or 400 Mains
- Standard Light Steel and Titanium Main Caps
- All Rear Caps Are for Wet Sump; Rear Caps Must Be Plugged for Dry Sump Use
- Rear Main Seal: 350 - FP 2912, 400 - FP 2909

## Stroke Clearance

- Standard Cam Location - 4.125
- Raised Cam Location - 4.250

## Cam Locations

- Standard or .391 Raised Cam Location

## Deck Height

- 9.000 - 9.300 (8B 1000 A)
- 9.000 - 9.500 (8B 1000 C)



## Torque Specs

- Outside Main: 65 ft-lb
- Inside Main: 75 ft-lb
- Front and Rear Main: 30 ft-lb, 3/8 12 pt
- \* All torque specs are based on use of light motor oil.

## WARNING!

THE SLEEVES ARE LEFT ABOVE THE DECK OF THE BLOCK INTENTIONALLY. IT IS THE ENGINE BUILDER'S PREFERENCE WHETHER OR NOT TO SURFACE THE SLEEVES FLAT WITH THE DECK OF THE BLOCK.

## Small Block Machining Options

PART #	DESCRIPTION
SS SPECIAL DECK HEIGHT	MACHINE SPECIAL DECK HEIGHTS
SS ALIGN HONE	FINISH HONE OF CRANKSHAFT MAINS
SS FINISH HONE BORE (ES 405)	FINISH HONE OF CYLINDER BORE (CALL FOR DETAILS)
SS BLK LITN SIDES/LM	LIGHTEN SIDES/POCKETS ONLY FOR LATE MODEL
SS BLK LITN SIDES/SC	LIGHTEN SIDES FOR SPRINT CAR
SS BLK LITN SIDES/ULTRA LM	LIGHTEN SIDES, POCKETS, TIMING COVER, AND LIFTER VALLEY FOR LATE MODEL
SS BLK LITN TIMING COVER	LIGHTEN TIMING COVER AREA (FRONT OF BLOCK)
SS BLK LITN VALLEY	LIGHTEN LIFTER VALLEY
SS BLK MACH (SB 55 MM)	MACHINE FOR 55 mm ROLLER BEARINGS ON C & D BLOCKS ONLY
SS BLK MACH .875 LIFTER BORES	MACHINE SMALL BLOCK BRODIX BLOCK FOR .875 LIFTER BORES
SS BLK MACH .903 LIFTER BORES	MACHINE SMALL BLOCK BRODIX BLOCK FOR .903 LIFTER BORES
SS BLK MACH ALLPRO LIFTER LOCA	MACHINE SMALL BLOCK BRODIX BLOCK FOR ALL PRO LIFTER LOCATION
SS BLK MACH SB2 LIFTER LOCA	MACHINE SMALL BLOCK BRODIX BLOCK FOR SB2 LIFTER LOCATION
MS SOLID BLOCK	SOLID BLOCK - NO WATER

## Small Block Head Stud Kits

PART #	DESCRIPTION
SK HSSB	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR STANDARD SMALL BLOCK
SK HSR1	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR RAISED INTAKE
SK HS 12/18	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 12/18
SK HS 12/18 CWT	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 12/18 WITH 3/8 CENTER STUDS
SK HSSB 16	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 16° HEADS
SK HSSB 13	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 13° HEADS
SK HSRP/GB UNMILLED	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 12X12 RP & GB 2000
SK HSRP/GB	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR 12X12 RP & GB 2000
SK HSGB 2400	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR GB 2400 HEADS
SK HSGB 2411	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR GB 2411 HEADS
SK HSCV SP	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR CV SP HEADS
SK HSBD	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR BD 1010, BD 2000
BR HSSB2/ALUM BLOCK	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR SB2 HEADS
SK HSBD 2300	BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR BD 2300 HEADS

HEAD STUDS ARE SOLD SEPARATELY

## Small Block Cam Bearings

PART #	DESCRIPTION
8B CAM BEARINGS	CAM BEARING SET FOR STANDARD SMALL BLOCK CAM
8B CAM BEARINGS-BB	CAM BEARING SET FOR STANDARD BIG BLOCK CAM
8B CAM BEARINGS-ROLLER CAM	CAM BEARING SET FOR STANDARD ROLLER CAM
8B CAM BEARINGS-ROLLER CAM 50	CAM BEARING SET FOR 50 mm ROLLER CAM
8B CAM BEARINGS SP RLR 50 MM	CAM BEARING SET FOR 50 mm ROLLER CAM SPRINT BLOCK
8B CAM BEARINGS-SP ROLLER CAM	CAM BEARING SET FOR STANDARD ROLLER CAM SPRINT BLOCK

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer



## Block Part Numbers

• 8B 1200 C: 400 Main / 400 Bore / Raised Cam / Standard Bell Housing	\$5,708.26
• 8B 1200 D: 400 Main / 400 Bore / Raised Cam / Open Bell Housing	\$5,708.26
• 8B 1250 C: 350 Main / 400 Bore / Raised Cam / Standard Bell Housing	\$5,708.26
• 8B 1250 D: 350 Main / 400 Bore / Raised Cam / Open Bell Housing	\$5,708.26

# ALUMINUM SMALL BLOCK BRODIX® BLOCKS

## 4.500 BORE SPACING

The only way to describe the BRODIX 8B 1200 4.500 bore spacing block is big and efficient. The standard bore size of this block is 4.180, but it may be bored to 4.250. The larger bore size increases the efficiency of this block with 500 cubic inch engines. Some of the features available include roller cam bearings (50-55 mm), .391 raised cam, 350 or 400 mains, and your choice of .843-.937 lifter bore housings. The maximum deck height of 9.625 will allow the engine builder plenty of room for a larger stroke and rod combination. BRODIX has definitely taken the small block market to the next step with this aluminum block.

## Block Specifications

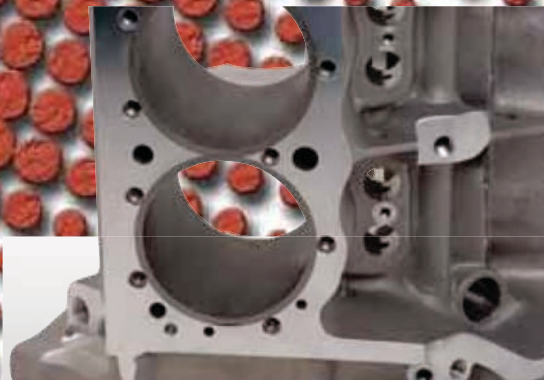
- Made in the USA
- Proprietary A-356 Virgin Aluminum
- 4.500 Bore Spacing
- 350 or 400 Main
- Machined for Roller Cam Bearings (50 mm or 55 mm)
- Strongest Main Webbing in the Business
- Raised Cam Location (.391) With Wide Pan Rail
- Choose From Wet or Dry Sump
- Available With or Without a Fuel Pump Boss
- Available With Two Bell Housing Styles: Drag Race or Late Model
- Head Studs Are Available From BRODIX
- Plug Kit Is Provided With the Block
- Thick Wall Sleeves Allow Bore Sizes up to 4.250
- Available With .843, .875, .903 or .937 Lifter Bore Sizes
- Best Block in the Industry



REINFORCED LIFTER VALLEY



BILLET MAIN CAPS INSTALLED WITH SPLAYED BOLT PATTERN



SLEEVES WITH THICK REGISTERS INSTALLED ASSURING PROPER RING SEAL

CHEVY COMPATIBLE SMALL BLOCK

## Cam Bearings

- Cam Bearings Are Sold Separately
  - 50 mm Roller Bearings  $\Delta$
  - 55 mm Roller Bearings  $\Delta$
- $\Delta$  Roller cam bearings use spiral locks on all cam bearings.

## Main Caps

- 350 or 400 Mains
- Standard Light Steel
- Rear Main Seal: 350 - FP 2900, 400 - FP 2909

## Stroke Clearance

- 4.375 Standard
- 4.500 (With Additional Machining)

## Cam Locations

- .391 Raised Cam Location Only

## Deck Height

- 9.000 - 9.625



## Torque Specs

- Outside Main: 65 ft-lb
  - Inside Main: 75 ft-lb
  - Front and Rear Main: 30 ft-lb, 3/8 12 pt
- \* All torque specs are based on use of light motor oil.

## WARNING!

THE SLEEVES ARE LEFT ABOVE THE DECK OF THE BLOCK INTENTIONALLY. IT IS THE ENGINE BUILDER'S PREFERENCE WHETHER OR NOT TO SURFACE THE SLEEVES FLAT WITH THE DECK OF THE BLOCK.

## Small Block Machining Options

### PART #

SS SPECIAL DECK HEIGHT  
SS ALIGN HONE  
SS FINISH HONE BORE (ES 405)  
SS BLK MACH .875 LIFTER BORES  
SS BLK MACH .903 LIFTER BORES  
MS SOLID BLOCK

### DESCRIPTION

MACHINE SPECIAL DECK HEIGHTS  
FINISH HONE OF CRANKSHAFT MAINS  
FINISH HONE OF CYLINDER BORE (CALL FOR DETAILS)  
MACHINE SMALL BLOCK BRODIX BLOCK FOR .875 LIFTER BORES  
MACHINE SMALL BLOCK BRODIX BLOCK FOR .903 LIFTER BORES  
SOLID BLOCK - NO WATER

## Small Block Head Stud Kits

### PART #

SK HS 13 4500  
SK HSBD 4500

### DESCRIPTION

BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR BRODIX 13° 4.500 BORE SPACE HEAD  
BRODIX ALUMINUM BLOCK HEAD STUD KIT FOR BRODIX SYMMETRICAL PORT 4.500 BORE SPACE HEAD

## Small Block Cam Bearings

### PART #

8B CAM BEARINGS - ROLLER CAM 50  
8B CAM BEARINGS - ROLLER CAM 55

### DESCRIPTION

CAM BEARING SET FOR 50 mm ROLLER CAM  
CAM BEARING SET FOR 55 mm ROLLER CAM



LIFTER BORES AVAILABLE  
UP TO .937

Better Pricing May Be Available;  
Contact BRODIX or Visit Our  
Website for Your Nearest Dealer



O-RING FREEZE PLUGS



## Block Part Numbers

- 8B 2000A\*: 4.480 or 4.590 Bore / Standard Cam Location / 9.800 or 10.200 Deck Height \$5,202.86
  - 8B 2000C\*: 4.480 or 4.590 Bore / Raised Cam Location / 9.800, 10.200 or 10.700 Deck Height \$5,437.93
  - 8B 2100C\*: 4.480 or 4.590 Bore / Raised Cam Location / 11.100 or 11.200 Deck Height \$7,059.73
  - 8B 2200C\*: 4.480 or 4.590 Bore / Raised Cam Location / 11.500 or 11.625 Deck Height \$7,139.96
- \* Must Specify Deck Height, Cam Bearing Style, and Cam Locations

## ALUMINUM BIG BLOCK

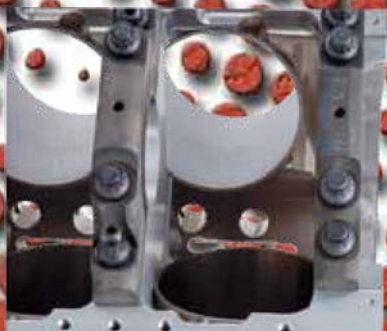
## BRODIX® BLOCKS

## Block Specifications

- Made in the USA
- All Big Blocks Are Oil Restricted From the Front (Must Use BRODIX Oil Restrictors - Sold Separately)
- Proprietary A-356 Virgin Aluminum
- Can Be Machined for Roller Cam Bearings
- Strongest Main Webbing in the Business
- 1044 Steel Billet Main Caps
- Splayed Center Main Caps
- Accepts Standard or Stroker Oil Pans
- Raised Cam Location Available
- Head Studs Are Available From BRODIX
- Additional Head Bolt Lugs in Deck Area
- Thick Wall Sleeves With 1/4 Inch Registers Allow Bore Sizes up to 4.600
- Plug Kit Is Provided With the Block
- Best Block in the Industry
- Small Bore Sleeves Available Upon Request



**REINFORCED LIFTER VALLEY OFFERS EXTRA HEAD BOLT LUG**



**BILLET MAIN CAPS INSTALLED WITH SPLAYED BOLT PATTERN**



**SLEEVES WITH THICK REGISTERS INSTALLED ASSURING PROPER RING SEAL**



**Better Pricing May Be Available; Contact BRODIX or Visit Our Website for Your Nearest Dealer**

**CHEVY COMPATIBLE BIG BLOCK**

## Cam Bearings

- Cam Bearings Are Sold Separately
- Big Block Babbit Bearings\*
- 50 mm Roller Bearings $\Delta$
- 55 mm Roller Bearings $\Delta$
- 60 mm Babbit Bearings\*

\*Babbit style cam bearings will require the use of wide cam bearings with 1/4" locks in the center bearings and spiral locks on the two end bearings.  
 $\Delta$  Roller cam bearings use spiral locks on all cam bearings.

## Stroke Clearance

- Standard Cam Location - 4.750
- Raised Cam Location - 5.0 (With Additional Machining)

## Cam Locations

- Standard Cam Location
- 400 Raised Cam

## Deck Height

- 9.800 or 10.200 (8B 2000A)
- 9.800 or 10.700 (8B 2000C)
- 11.100 or 11.200 (8B 2100C)
- 11.500 or 11.625 (8B 2200C)

\*Special Deck Heights May Be Available Upon Request

## Torque Specs

- Outside Main: 85 ft-lb
- Inside Main: 95 ft-lb
- \* All torque specs are based on use of light motor oil.

## WARNING!

THE SLEEVES ARE LEFT ABOVE THE DECK OF THE BLOCK INTENTIONALLY. IT IS THE ENGINE BUILDER'S PREFERENCE WHETHER OR NOT TO SURFACE THE SLEEVES FLAT WITH THE DECK OF THE BLOCK.

## Big Block Machining Options

PART #	DESCRIPTION
SS BLK MACHINE	MACHINE FOR ROLLER CAM BEARINGS
SS SPECIAL DECK HEIGHT	MACHINE SPECIAL DECK HEIGHTS
SS ALIGN HONE	FINISH HONE OF CRANKSHAFT MAINS
SS FINISH HONE BORE (ES 405)	FINISH HONE OF CYLINDER BORE (CALL FOR DETAILS)
MS 1/2 FILL BLOCK	HALF FILLED WATER JACKET
MS SOLID BLOCK	SOLID BLOCK - NO WATER

## Big Block Head Stud Kits

PART #	DESCRIPTION
SK HS BIG BLOCK	BRODIX ALUMINUM BIG BLOCK HEAD STUD KIT FOR BRODIX CONVENTIONAL HEADS
SK HS BIG BLOCK DART	BRODIX ALUMINUM BIG BLOCK HEAD STUD KIT FOR DART CONVENTIONAL HEADS
SK HS BIG DUKE	BRODIX ALUMINUM BIG BLOCK HEAD STUD KIT FOR BIG DUKE OR BIG CHIEF HEADS
HEAD STUDS ARE SOLD SEPARATELY	



O-RING FREEZE PLUGS

### LIFTER BORES AVAILABLE:

- .842 OR .903 BORE DIAMETER (8B 2000A, 8B 2000C)
- .903 OR LARGER BORE DIAMETER (8B 2100C, 8B 2200C)



SCREW-IN FREEZE PLUGS



STANDARD OIL FILTER LOCATION



## Block Part Numbers

- 8B 5000: 4.585 Bore / 1.0 Raised Cam Location / 11.200 Deck Height \$ 6,920.63
- 8B 5025: 4.585 Bore / 1.0 Raised Cam Location / 11.625 Deck Height \$ 6,999.27

# ALUMINUM BIG BLOCK BRODIX® BLOCKS 5.0 BORE SPACING

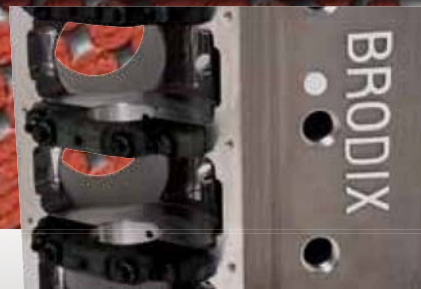
## Block Specifications

- All Big Blocks Are Oil Restricted From the Front (Must Use BRODIX 8B BB Oil Restrictor - Sold Separately)
- Proprietary A-356 Virgin Aluminum
- Can Be Machined for Roller Cam Bearings
- Strongest Main Webbing in the Business
- 1044 Steel Billet Main Caps
- Splayed Center Main Caps
- Accepts Stroker Oil Pans
- Raised Cam Location (1.0) Standard
- Head Studs Are Available From BRODIX
- Additional Head Bolt Lugs in Deck Area
- Thick Wall Sleeves With 1/4 Inch Registers Allow Bore Sizes up to 4.700
- Special Sleeves May Be Available for up to 4.750 Bores
- Plug Kit Is Provided With the Block
- The Most User-Friendly 5.0 Bore Spacing Block in the Industry

CHEVY COMPATIBLE BIG BLOCK

### THE FUTURE IS NOW!

With the introduction of the new 8B 5000™ series aluminum block, BRODIX has taken the 5.0 bore spacing market to the next level. The 8B 5000 combines the size and durability of a 5.0 bore spacing block with the convenience and availability of its 4.840 bore spacing counterpart. These blocks are 100% CNC machined and employ the same technology that has made BRODIX the undisputed leader in aluminum block development.



BILLET MAIN CAPS INSTALLED WITH SPLAYED BOLT PATTERN



SLEEVES WITH THICK REGISTERS INSTALLED ASSURING PROPER RING SEAL



O-RING FREEZE PLUGS

Up to 11.625 Deck Height



Dry Sump Oiling System Only

## 5000 SERIES™ ALUMINUM BLOCKS

First User-Friendly 5.0 Bore Spacing Block in the Industry

Raised Cam Location (1.0) Standard

Cam Bearings and Lifter Bores Available in Many Different Diameters

Better Pricing May Be Available; Contact BRODIX or Visit Our Website for Your Nearest Dealer

WWW.BRODIX.COM

479-394-1075

## Cam Bearings

- Cam Bearings Are Sold Separately
  - 50 mm Roller Bearings  $\Delta$
  - Big Block Ford Babbit Bearings Standard\*
  - Big Block Ford Roller Bearings  $\Delta$
  - 55 mm Babbit Bearings \*
  - 55 mm Roller Bearings  $\Delta$
  - 60 mm Babbit Bearings  $\Delta$
- \* Babbit style cam bearings will require the use of wide cam bearings with 1/4" locks in the center bearings and spiral locks on the two end bearings.  
 $\Delta$  Roller cam bearings use spiral locks on all cam bearings.

## Stroke Clearance

- 5.375 Standard
- 5.750 (With Additional Machining)

## Cam Locations

- 1.0 Raised Cam Location Only

## Deck Height

- 11.200 (8B 5000)
- 11.625 (8B 5025)

## Torque Specs

- Outside Main: 85 ft-lb
  - Inside Main: 95 ft-lb
- \* All torque specs are based on use of light motor oil.

## WARNING!

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## Big Block Machining Options

PART #	DESCRIPTION
SS BLK MACHINE	MACHINE FOR ROLLER CAM BEARINGS
SS SPECIAL DECK HEIGHT	MACHINE SPECIAL DECK HEIGHTS
SS BLK MACHINE LIFTER BORES	MACHINE FOR SPECIAL LIFTER BORES
SS ALIGN HONE	FINISH HONE OF CRANKSHAFT MAINS
SS FINISH HONE BORE	FINISH HONE OF CYLINDER BORE
MS SOLID BLOCK	SOLID BLOCK - NO WATER

## Big Block Head Stud Kits

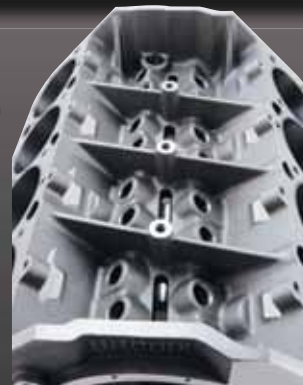
PART #	DESCRIPTION
SK HS PB5000	BRODIX 8B 5000 ALUMINUM BLOCK HEAD STUD KIT FOR PB 5000 HEADS

Head Studs Are Sold Separately

**INTAKE ADAPTER  
NOW AVAILABLE**

BR SP 484050

ADAPTS 4.840 BRODIX INTAKE MANIFOLD  
TO BRODIX 5.0 BORE SPACE BLOCK AND HEADS



REINFORCED  
LIFTER VALLEY

LIFTER BORES AVAILABLE:  
.937 or 1.062 Bore Diameter



# TOM TORMOEHLEN



## TFS PERFORMANCE



## SMALL BLOCK

**INTAKE MANIFOLDS**

PART #	HEIGHT	DESCRIPTION	PRICE	PER
BM 100	6.900	• FITS BRODIX BD 1010 AND BD 2000 HEADS • USES CO C5421 GASKET • 4000-8000 rpm RANGE	\$760.40	1
BM 102	6.900	• FITS BRODIX BD 1010 AND BD 2000 HEADS • 4500 SERIES TOP • USES CO C5421 GASKET • 4000-8000 rpm RANGE	\$760.40	1
BM 300	6.900	• SEMI-MACHINED MANIFOLD FOR SPECIAL BRODIX BD 1010 HEADS • 4150 SERIES TOP • CALL FOR DETAILS	\$760.40	1
HP 1	4.500	• FOUR BARREL DUAL PLANE MANIFOLD FOR HIGH TORQUE APPLICATIONS UP TO 6000 rpm • USES FP 1204 OR CO C5416 GASKET	\$191.40	1
BM 1000	5.750	• FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • USES FP 1206 OR CO C5414 GASKET • 4000-8000 rpm RANGE	\$382.60	1
HV 1000	6.225	• FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • USES FP 1206 OR CO C5414 GASKET • 4000-8000 rpm RANGE	\$382.60	1
HV 1001	6.550	• FITS BRODIX -8 RI, -10 RI, AND -11 RI HEADS • EXTENDED END RAILS • USES FP 1206 OR CO C5414 GASKET • .220 LOWER THAN STOCK DISTRIBUTOR PAD • 4000-8000 rpm RANGE	\$382.60	1
HV 1002	6.800	• FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • 4500 SERIES TOP • USES FP 1206 OR CO C5414 GASKET • 4000-8000 rpm RANGE	\$405.20	1
HV 1003	5.600	• FOUR BARREL MANIFOLD DESIGNED BY JEAN DITTMER • FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • USES FP 1206 OR CO C5414 GASKET • REVOLUTIONARY ROUND TOP AND INTEGRAL TURTLE • DT 450 SPACERS SOLD SEPARATELY • 4000-8000 rpm RANGE	\$405.20	1
HV 1004	5.630	• FOUR BARREL MANIFOLD DESIGNED BY JEAN DITTMER • FITS BRODIX -10X AND PONTIAC 867 HEADS • USES FP 1263 (TRIM TO FIT) OR CO C5426 GASKET • REVOLUTIONARY ROUND TOP AND INTEGRAL TURTLE • 4000-8000 rpm RANGE	\$405.20	1
HV 1005	6.540	• FITS BRODIX -10X AND PONTIAC 867 HEADS • USES FP 1263 (TRIM TO FIT) OR CO C5426 GASKET • 4000-8000 rpm RANGE	\$382.60	1

PART #	HEIGHT	DESCRIPTION	PRICE	PER
HV 1006	7.150	• FITS BRODIX -10X AND PONTIAC 867 HEADS • 4500 SERIES TOP • USES FP 1263 (TRIM TO FIT) OR CO C5426 GASKET • 4000-8000 rpm RANGE	\$405.20	1
HV 1007	7.035	• FITS BRODIX -10X RI HEADS ONLY • USES FP 1263 (TRIM TO FIT) OR CO C5426 GASKET • 4000-8000 rpm RANGE	\$416.40	1
HV 1008	6.240	• FITS UNPORTED CAST IRON HEADS • USES FP 1204 OR CO C5416 GASKET • 4000-8000 rpm RANGE	\$382.60	1
HV 1009	6.225	• FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • MUST BE USED WITH A 390 CARBURETOR • USES FP 1206 OR CO C5416 GASKET • 4000-8000 rpm RANGE	\$382.60	1
HV 1009-46	6.225	• FITS IMCA SPEC. HEADS (46-221) • MUST BE USED WITH 390 CARBURETOR • USES FP 1206 OR CO C5416	\$382.60	1
HV 1010	6.545	• FITS BRODIX -10X AND PONTIAC 867 HEADS • MUST BE USED WITH 390 CARBURETOR • USES FP 1263 (TRIM TO FIT) OR CO C5426 GASKET • 3500-7500 rpm RANGE	\$382.60	1
HV 1011	5.875	• FITS CHEVROLET CAST IRON HEADS • SMALL PORT VERSION OF HV 1000 • USES FP 1204 OR CO C5416 GASKET • 3500-7200 rpm RANGE	\$382.60	1
HV 1014	5.845	• FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS • SMALL PORT VERSION OF HV 1000 • USES FP 1206 OR CO C5414 GASKET • 3500-7200 rpm RANGE	\$382.60	1
HV 1016	4.550	• FITS BRODIX ST STD PKG -1, -8, -10, -11, -11X, AND TRACK 1 HEADS • DUAL PLANE INTAKE MANIFOLD • USES FP 1204 OR CO C5416 GASKET • 3000-6500 rpm RANGE	\$259.00	1
HV 1017	6.225	• FITS BP HH SB O 229 HEADS • OVAL PORT VERSION OF HV 1000 • USES MG 1229 GASKET • 4000-8000 rpm RANGE	\$422.00	1
HV 1018	6.800	• FITS BP HH SB O 229 HEADS • OVAL PORT VERSION OF HV 1002 • 4500 SERIES TOP • USES MG 1229 GASKET • 4000-8000 rpm RANGE	\$448.30	1
HV 1200	6.945	• FITS BRODIX -12 HEADS • USES FP 1263 (TRIM TO FIT), FP 1209, OR CO C5425 GASKET • 4000-8000 rpm RANGE	\$416.40	1
HV 1201	7.550	• FITS BRODIX -12 HEADS • 4500 SERIES TOP • USES FP 1263 (TRIM TO FIT), FP 1209, OR CO C5425 GASKET • 4000-8000 rpm RANGE	\$438.80	1
HV 1209	7.800	• FITS BRODIX -12 HEADS • LARGE RUNNERS FOR LARGE CUBIC INCH ENGINES • USE WITH .300 TALL DECK BLOCK • 4500 SERIES TOP • USES FP 1263 (TRIM TO FIT), FP 1209, OR CO C5425 GASKET • 4000-8000 rpm RANGE	\$461.40	1
HV 1300	7.380	• FITS BRODIX KC 13 STD HEADS • 4150 SERIES TOP • USES BRODIX MG 1600 (TRIM TO FIT) OR MR. GASKET 143 GASKET • MUST USE END RAIL SPACERS • 4000-8000 rpm RANGE	\$416.40	1



PART #	HEIGHT	DESCRIPTION	PRICE	PER
HV 1301	8.300	<ul style="list-style-type: none"> <li>FITS BRODIX KC 13 STD HEADS</li> <li>4500 SERIES TOP</li> <li>USES BRODIX MG 1600 (TRIM TO FIT) OR MR. GASKET 143 GASKET</li> <li>MUST USE END RAIL SPACER</li> <li>4000-8000 rpm RANGE</li> </ul>	\$438.80	1
HV 1500	7.380	<ul style="list-style-type: none"> <li>FITS BRODIX WP 15 HEADS</li> <li>4150 SERIES TOP</li> <li>USES MG 1550 GASKET</li> <li>MUST USE END RAIL SPACERS</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1501	8.300	<ul style="list-style-type: none"> <li>FITS BRODIX WP 15 HEADS</li> <li>4500 SERIES TOP</li> <li>USES MG 1550 GASKET</li> <li>MUST USE END RAIL SPACERS</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1800	7.380	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>WILL NOT FIT BRODIX -18 C HEADS</li> <li>USES FP 1263 (TRIM TO FIT) OR MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$416.40	1
HV 1801	7.875	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>WILL NOT FIT BRODIX -18 C HEADS</li> <li>4500 SERIES TOP</li> <li>USES FP 1263 (TRIM TO FIT) OR MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$438.80	1
HV 1804	7.515	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>LARGE RUNNERS FOR LARGE CUBIC INCH ENGINES</li> <li>USE WITH .200 TALL DECK BLOCK</li> <li>USES FP 1263 (TRIM TO FIT) OR MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1805	7.710	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>LARGE RUNNERS FOR LARGE CUBIC INCH ENGINES</li> <li>USE WITH .300 TALL DECK BLOCK</li> <li>USES MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1806*	7.980	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>LARGE RUNNERS FOR LARGE CUBIC INCH ENGINES</li> <li>USE WITH .450 TALL DECK BLOCK</li> <li>USES MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1809	8.015	<ul style="list-style-type: none"> <li>FITS BRODIX -18X HEADS</li> <li>LARGE RUNNERS FOR LARGE CUBIC INCH ENGINES</li> <li>USE WITH .300 TALL DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES MG 1800 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1813	8.300	<ul style="list-style-type: none"> <li>FITS BRODIX -18 C HEADS</li> <li>4500 SERIES TOP</li> <li>USES FP 1282 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1
HV 1814	7.380	<ul style="list-style-type: none"> <li>FITS BRODIX -18 C HEADS</li> <li>4150 SERIES TOP</li> <li>USES FP 1282 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$461.40	1

\* LIMITED QUANTITIES AVAILABLE / DISCONTINUED PART NO.

PART #	HEIGHT	DESCRIPTION	PRICE	PER
HV 1900	8.670	<ul style="list-style-type: none"> <li>FITS BRODIX CANTED VALVE HEADS</li> <li>4500 SERIES TOP</li> <li>USES FP 89271 OR MG 1901 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$799.00	1
MS 89	7.180	<ul style="list-style-type: none"> <li>FITS BRODIX -12P AND PONTIAC 3328 HEADS</li> <li>4150 SERIES TOP</li> <li>USES FP 1263 (TRIM TO FIT) GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$495.10	1
MS 90	TBA	<ul style="list-style-type: none"> <li>FITS BRODIX 23° RAISED OVAL PORT HEADS</li> <li>4150 SERIES TOP</li> <li>USES MG 1234 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$422.00	1
MS 91	7.000	<ul style="list-style-type: none"> <li>FITS BRODIX 23° RAISED OVAL PORT HEADS</li> <li>4500 SERIES TOP</li> <li>USES MG 1234 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$448.30	1
SE 100 (PATENTED)	6.150	<ul style="list-style-type: none"> <li>DESIGNED BY SELF RACING</li> <li>FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS</li> <li>TWO PIECE DESIGN ALLOWS EASY ACCESS TO PLENUM FOR PORTING</li> <li>FRONT HALF OF INTAKE EASILY REMOVED FOR LIFTER SERVICE</li> <li>DOWEL PINNED FOR EXACT FIT</li> <li>USES FP 1206 OR CO C5414 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$468.50	1
SE 102 (PATENTED)	6.150	<ul style="list-style-type: none"> <li>DESIGNED BY SELF RACING</li> <li>FITS BRODIX -8, -10, -11, -11X, AND TRACK 1 HEADS</li> <li>4500 SERIES TOP</li> <li>TWO PIECE DESIGN ALLOWS EASY ACCESS TO PLENUM FOR PORTING</li> <li>FRONT HALF OF INTAKE EASILY REMOVED FOR LIFTER SERVICE</li> <li>DOWEL PINNED FOR EXACT FIT</li> <li>USES FP 1206 OR CO C5414 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$468.50	1



BM 1000



SE 102



HV 1000



HP 1



HV 1016



BM 100



# BIG BLOCK

**INTAKE MANIFOLDS**

PART #	HEIGHT	DESCRIPTION	PRICE	PER
HV 2000	7.185	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>RECTANGULAR PORTS</li> <li>4150 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-7500 rpm RANGE</li> </ul>	\$416.40	1
HV 2001	7.620	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>RECTANGULAR PORTS</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-7500 rpm RANGE</li> </ul>	\$438.80	1
HV 2002	7.180	<ul style="list-style-type: none"> <li>FOUR BARREL MANIFOLD DESIGNED BY JEAN DITTMER</li> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>REVOLUTIONARY ROUND TOP AND INTEGRAL TURTLE</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-7500 rpm RANGE</li> </ul>	\$438.80	1
HV 2005	7.940	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>RECTANGULAR PORTS</li> <li>4500 SERIES TOP</li> <li>USE WITH .400 TALL DECK BLOCK</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-7500 rpm RANGE</li> </ul>	\$506.30	1
HV 2006	7.465	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>RECTANGULAR PORTS</li> <li>4150 SERIES TOP</li> <li>USE WITH .400 TALL DECK BLOCK</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-7500 rpm RANGE</li> </ul>	\$495.10	1
HV 2007	6.595	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1 OEF1, RR BB-O, AND CHEVROLET OVAL PORT HEADS</li> <li>4150 SERIES TOP</li> <li>USES FP 1212 OR CO C5430 GASKET</li> <li>3500-7000 rpm RANGE</li> </ul>	\$416.40	1
HV 2008	7.045	<ul style="list-style-type: none"> <li>FITS BRODIX BB-1 OEF1, RR BB-O, AND CHEVROLET OVAL PORT HEADS</li> <li>4500 SERIES TOP</li> <li>USES FP 1212 OR CO C5430 GASKET</li> <li>3500-7000 rpm RANGE</li> </ul>	\$438.80	1
HV 2012	7.925	<ul style="list-style-type: none"> <li>FITS BRODIX WELD TECH WP BB-1 RP</li> <li>RECTANGULAR PORTS</li> <li>4500 SERIES TOP</li> <li>9.800 DECK BLOCK</li> <li>3500-7500 rpm RANGE</li> </ul>	\$506.30	1
HV 2016	5.175	<ul style="list-style-type: none"> <li>DUAL PLANE INTAKE MANIFOLD</li> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA AND -3 HEADS</li> <li>RECTANGULAR PORTS</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>3500-6800 rpm RANGE</li> </ul>	\$292.60	1
HV 2017	5.175	<ul style="list-style-type: none"> <li>DUAL PLANE INTAKE MANIFOLD</li> <li>FITS BRODIX RR BB-O HEADS</li> <li>CNC PORT MATCHED TO OVAL PORT HEADS</li> <li>USES FP 1210 OR CO C5430 GASKET</li> <li>3000-6800 rpm RANGE</li> </ul>	\$292.60	1

**NEW**

PART #	HEIGHT	DESCRIPTION	PRICE	PER
HV 2018	7.225	<ul style="list-style-type: none"> <li>FITS BRODIX WELD TECH WP BB-1 RP OVAL PORT</li> <li>OVAL PORTS</li> <li>4150 SERIES TOP</li> <li>9.800 DECK BLOCK</li> <li>3500-7500 rpm RANGE</li> </ul>	\$506.30	1
HV 2019	7.735	<ul style="list-style-type: none"> <li>FITS BRODIX WELD TECH WP BB-1 RP OVAL PORT</li> <li>OVAL PORTS</li> <li>4500 SERIES TOP</li> <li>9.800 DECK BLOCK</li> <li>3500-7500 rpm RANGE</li> </ul>	\$528.90	1
PM 1800	8.800	<ul style="list-style-type: none"> <li>FITS BRODIX BIG DUKE HEADS ON A 9.800 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1298, CO C5419, OR MG 2010 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1803	8.800	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1803 BIG DUKE HEADS ON A 9.800 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES MG 2013 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1807	8.800	<ul style="list-style-type: none"> <li>FITS SONNY'S PB 2005 HEADS ON A 9.800 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES SPECIAL GASKET FROM BRODIX</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1810	9.600	<ul style="list-style-type: none"> <li>FITS BRODIX BIG DUKE HEADS ON A 10.200 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1298, CO C5419, OR MG 2010 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1813	9.600	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1803 BIG DUKE HEADS ON A 10.200 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES MG 2013 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1817	9.600	<ul style="list-style-type: none"> <li>FITS SONNY'S PB 2005 HEADS ON A 10.200 DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES SPECIAL GASKET FROM BRODIX</li> <li>4000-8000 rpm RANGE</li> </ul>	\$618.90	1
PM 1903	8.220	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1800 / 1801 / 1802 / 1803 BIG DUKE HEADS ON A 9.800 DECK BLOCK</li> <li>WORKS WITH OVAL PORT HEADS</li> <li>OVAL PORT MANIFOLD, MUST BE PORT MATCHED TO FIT RECTANGULAR PORT HEADS</li> <li>NEW OPEN PLENUM DESIGN</li> <li>4500 SERIES TOP</li> <li>USES MG 2013 GASKET</li> <li>5500-8500 rpm RANGE</li> </ul>	\$1071.70	1
PM 1907	8.730	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1200 SERIES / PB 2005 HEADS ON A 9.800 DECK BLOCK</li> <li>WORKS WITH OVAL OR RECTANGULAR PORT HEADS</li> <li>NEW OPEN PLENUM DESIGN</li> <li>4500 SERIES TOP</li> <li>USES MG 2015 GASKET</li> <li>5500-8500 rpm RANGE</li> </ul>	\$1071.70	1
PM 1913	8.420	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1800 / 1801 / 1802 / 1803 BIG DUKE HEADS ON A 10.200 DECK BLOCK</li> <li>WORKS WITH OVAL PORT HEADS</li> <li>OVAL PORT MANIFOLD, MUST BE PORT MATCHED TO FIT RECTANGULAR PORT HEADS</li> <li>NEW OPEN PLENUM DESIGN</li> <li>4500 SERIES TOP</li> <li>USES MG 2013 GASKET</li> <li>5500-8500 rpm RANGE</li> </ul>	\$1071.70	1
PM 1917	8.730	<ul style="list-style-type: none"> <li>FITS BRODIX PB 1200 SERIES / PB 2005 HEADS ON A 10.200 DECK BLOCK</li> <li>WORKS WITH OVAL OR RECTANGULAR PORT HEADS</li> <li>NEW OPEN PLENUM DESIGN</li> <li>4500 SERIES TOP</li> <li>USES MG 2015 GASKET</li> <li>5500-8500 rpm RANGE</li> </ul>	\$1071.70	1

PART #	HEIGHT	DESCRIPTION	PRICE	PER
PM 1950		<ul style="list-style-type: none"> <li>FITS BRODIX PB 5000 SERIES HEADS</li> <li>FOR USE WITH INTAKE MANIFOLD ADAPTER KIT ONLY</li> <li>4500 SERIES CARBURETOR ONLY</li> <li>TALL DECK MANIFOLD</li> <li>MUST BE USED WITH (2) BR SP 484050 AND (1) BR VP5</li> <li>SPECIAL GASKET REQUIRED, CALL FOR DETAILS</li> </ul>	\$1071.70	1
BM 2017	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BB-2 PLUS, -2 XTRA, -2X, -3 XTRA, -3 XTRA O, BP BB-3 XTRA O</li> <li>4500 SERIES CARBURETOR ONLY</li> <li>9.800 DECK HEIGHT</li> <li>OVAL PORT MANIFOLD, MUST BE PORT MATCHED TO FIT RECTANGULAR PORT HEADS</li> <li>USES MG 2004 GASKET FOR OVAL PORT; USES FP 1252-3, MG 2001, OR CO C5428 GASKET FOR RECTANGULAR PORT</li> <li>4000 - 8400 rpm RANGE</li> </ul>	\$444.90	1
BM 2017-O	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BP HH BB AND, BP BB-3 XTRA O HEADS</li> <li>4500 SERIES TOP</li> <li>9.800 DECK HEIGHT</li> <li>CNC PORT MATCHED TO OVAL PORT HEADS</li> <li>USES MG 2050, MG 2104, MG 2150, OR MG 2177 GASKET</li> <li>4000-8400 rpm RANGE</li> </ul>	\$603.70	1
BM 2017-R	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BB-2 PLUS, -2 X, -2 XTRA, AND -3 XTRA HEADS</li> <li>4500 SERIES TOP</li> <li>9.800 DECK HEIGHT</li> <li>CNC PORT MATCHED TO RECTANGULAR PORT HEADS</li> <li>USES MG 2001 OR FP 1252-3 GASKET</li> <li>4000-8400 rpm RANGE</li> </ul>	\$603.70	1
BM 2020	7.660	<ul style="list-style-type: none"> <li>FITS BRODIX SR 20 HEADS</li> <li>4500 SERIES TOP</li> <li>9.800 DECK HEIGHT</li> <li>USES MG 2021 GASKET</li> <li>4000 - 8500 rpm RANGE</li> </ul>	\$482.38	1
<b>NEW</b>				
BM 2021	7.900	<ul style="list-style-type: none"> <li>FITS BRODIX SR 20 HEADS</li> <li>4500 SERIES TOP</li> <li>10.200 DECK HEIGHT</li> <li>USES MG 2021 GASKET</li> <li>4000 - 8500 rpm RANGE</li> </ul>	\$482.38	1
<b>NEW</b>				
BM 2027	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BB-2 PLUS, -2 XTRA, -2X, -3 XTRA, -3 XTRA O, BP BB-3 XTRA O</li> <li>4500 SERIES CARBURETOR ONLY</li> <li>10.200 DECK HEIGHT</li> <li>OVAL PORT MANIFOLD, MUST BE PORT MATCHED TO FIT RECTANGULAR PORT HEADS</li> <li>USES MG 2002 GASKET (+.100 THICK)</li> <li>4000 - 8400 rpm RANGE</li> </ul>	\$444.90	1
BM 2027-O	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BP HH BB AND BP BB-3 XTRA O HEADS</li> <li>4500 SERIES TOP</li> <li>10.200 DECK HEIGHT</li> <li>CNC PORT MATCHED TO OVAL PORT HEADS</li> <li>USES MG 2050 MG 2104, MG 2150, OR MG 2177 GASKET</li> <li>4000-8400 rpm RANGE</li> </ul>	\$603.70	1
BM 2027-R	7.560	<ul style="list-style-type: none"> <li>FITS BRODIX BB-2 PLUS, -2 X, -2 XTRA, AND -3 XTRA HEADS</li> <li>4500 SERIES TOP</li> <li>10.200 DECK HEIGHT</li> <li>CNC PORT MATCHED TO RECTANGULAR PORT HEADS</li> <li>USES MG 2001 OR FP 1252-3 GASKET</li> <li>4000-8400 rpm RANGE</li> </ul>	\$603.70	1
SA 2012	6.600	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-4 XTRA AND BB-5 HEADS ON A STANDARD DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$438.80	1

PART #	HEIGHT	DESCRIPTION	PRICE	PER
SA 2013	6.235	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-1, -2, -2X, -3, -3 XTRA CYLINDER HEADS ON A STANDARD DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$438.80	1
SA 2016	6.165	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS DART PRO 1 HEADS ON A SHORT DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$438.80	1
SA 2017	6.235	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-3 XTRA O AND BP BB-3 XTRA O CYLINDER HEADS ON A STANDARD DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES MG 2104 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$494.10	1
SA 2020	7.040	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-4 XTRA AND BB-5 HEADS ON A TALL DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$506.30	1
SA 2022	6.465	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-1, -2, -2 PLUS, -2X, -2 XTRA, -3, -3 XTRA CYLINDER HEADS ON A TALL DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES FP 1252-3, CO C5428, OR MG 2001 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$506.30	1
SA 2027	6.465	<ul style="list-style-type: none"> <li>SONNY'S BIG BLOCK MANIFOLD</li> <li>FITS BRODIX BB-3 XTRA O AND BP BB-3 XTRA O CYLINDER HEADS ON A TALL DECK BLOCK</li> <li>4500 SERIES TOP</li> <li>USES MG 2104 GASKET</li> <li>4000-8000 rpm RANGE</li> </ul>	\$561.50	1



SA 2013



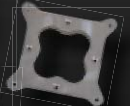
BM 2017  
BM 2027



PM 1900  
PM 1917



HV 2016



HV 300  
ADAPTER

**NEW****CYLINDER HEAD PARTS KITS**

**8 - STAINLESS INTAKE VALVES**  
**8 - STAINLESS EXHAUST VALVES**  
**16 - VALVE SPRINGS**

**16 - STEEL OR TITANIUM RETAINERS**  
**32 - VALVE LOCKS**  
**8 - VALVE SEALS**

**16 - 3/8" OR 7/16" ROCKER STUDS**  
**8 - GUIDE PLATES**

**PARTS**

PART #	INTAKE VALVE	EXHAUST VALVE	SPRING DIAM.	VALVE LIFT	CAM TYPE	RETAINERS	LOCKS	ROCKER STUD	RACER
HK 2021230 S	2.020 X 4.915	1.600 X 4.910	1.230	.525	HYDRAULIC	STEEL	7°	3/8	\$270.00
HK 2021470 S	2.020 X 4.915	1.600 X 4.910	1.470	.575	HYDRAULIC ROLLER / SOLID	STEEL	7°	3/8	\$270.00
HK 2051550 S	2.050 X 5.015	1.600 X 5.015	1.550	.625	HYDRAULIC ROLLER / SOLID	STEEL	10°	7/16	\$351.00
HK 2081550 S	2.080 X 4.965	1.600 X 4.965	1.550	.700	SOLID ROLLER	STEEL	10°	7/16	\$351.00
HK 2081550 T	2.080 X 4.965	1.600 X 4.965	1.550	.700	SOLID ROLLER	TITANIUM	10°	7/16	\$513.00
HK 2101550 T	2.100 X 5.065	1.600 X 5.065	1.550	.700	SOLID ROLLER	TITANIUM	10°	7/16	\$540.00
HK 2250155 SH	2.250 X 5.218	1.880 X 5.394	1.550	.625	HYDRAULIC ROLLER / SOLID	STEEL	10°	7/16	\$405.00
HK 2250155 SR	2.250 X 5.218	1.880 X 5.394	1.550	.700	SOLID ROLLER	STEEL	10°	7/16	\$405.00
HK 2250162 T	2.250 X 5.318	1.880 X 5.494	1.625	.800	SOLID ROLLER	TITANIUM	10°	7/16	\$675.00
HK 2300155 S	2.300 X 5.568	1.880 X 5.494	1.550	.700	SOLID ROLLER	STEEL	10°	7/16	\$459.00
HK 2300162 T	2.300 X 5.568	1.880 X 5.494	1.625	.800	SOLID ROLLER	TITANIUM	10°	7/16	\$756.00
HK 2300165 T	2.300 X 5.568	1.880 X 5.494	1.650	.875	SOLID ROLLER	TITANIUM	10°	7/16	\$838.00
HK 2350162 T	2.350 X 5.568	1.880 X 5.494	1.625	.800	SOLID ROLLER	TITANIUM	10°	7/16	\$675.00
HK 2350165 T	2.350 X 5.568	1.880 X 5.494	1.650	.875	SOLID ROLLER	TITANIUM	10°	7/16	\$838.00
HK 2375162 T	2.375 X 5.610	1.850 X 5.495	1.625	.800	SOLID ROLLER	TITANIUM	10°	N/A	\$675.00
HK 2375165 T	2.375 X 5.610	1.850 X 5.495	1.650	.875	SOLID ROLLER	TITANIUM	10°	N/A	\$872.00
HK 2400162 T	2.400 X 5.610	1.850 X 5.495	1.625	.800	SOLID ROLLER	TITANIUM	10°	N/A	\$675.00
HK 2400165 T	2.400 X 5.610	1.850 X 5.495	1.650	.875	SOLID ROLLER	TITANIUM	10°	N/A	\$875.00

# CARBURETOR SPACERS AND ADAPTERS

PART #	DESCRIPTION	PRICE	PER
HV 300	• ADAPTS 4500 SERIES TOP MANIFOLD TO FIT ANY 750 OR 850 HOLLEY CARBURETOR	\$ 130.00	1
HV 301	• ADAPTS HOLLEY 500 TWO BARREL CARBURETOR TO FOUR BARREL INTAKE MANIFOLD • 1.575 HEIGHT	\$ 130.00	1
HV 302	• ADAPTS HOLLEY 500 TWO BARREL CARBURETOR TO FOUR BARREL INTAKE MANIFOLD • MOUNTS SIDEWAYS	\$ 130.00	1
DT 450	• SPACER FOR HV 1003 OR HV 1004 USING A 750 OR 850 CARBURETOR • USES CG 4000 GASKET	\$ 66.90	1
DT 451	• SPACER FOR HV 1003 OR HV 1004 USING A 390 CARBURETOR • USES CG 4000 GASKET	\$ 66.90	1
DT 475	• SPACER FOR HV 1202, HV 1802, AND HV 2002 USING A 750 OR 850 HOLLEY CARBURETOR • USES CG 4000 GASKET	\$ 66.90	1
BD -1	• ADAPTS HOLLEY 500 TWO BARREL CARBURETOR TO FOUR BARREL INTAKE MANIFOLD • 1.600 HEIGHT	\$ 100.30	1
HV SS4150-4AL	• STREET SWEEPER FOR HV 1016 (ALUMINUM)	\$ 122.60	1
HV SS4150-1AL	• 1" SUPER SUCKER FOR 4150 MANIFOLD (ALUMINUM)	\$ 122.60	1
HV SS4500-CLA	• 1" SUPER SUCKER FOR 4500 MANIFOLD (ALUMINUM)	\$ 122.60	1
HV SS4500-CLO	• 1" SUPER SUCKER FOR 4500 MANIFOLD (PHENOLIC)	\$ 122.60	1
HV SS4500-2.1	• 2" SUPER SUCKER FOR 1250 MANIFOLD (PHENOLIC)	\$ 122.60	1

# TURTLES AND SUPER TURTLES MANIFOLD INSERTS



"Turtles" are cast aluminum manifold inserts designed by Jean Dittmer and manufactured by BRODIX. These inserts fit in the bottom of an intake manifold to direct the flow of air and fuel mixture to increase horsepower, torque, and driveability.

PART #	DESCRIPTION	PRICE	PER
DT 100	• FITS BOWTIE CHEVY MANIFOLD AND HV 1011 MANIFOLD • MEDIUM PERFORMANCE, FLAT TAPPET, MID-rpm RANGE	\$ 81.90	1
DT 101	• FITS BOWTIE CHEVY MANIFOLD • LARGE DISPLACEMENT ENGINES	\$ 81.90	1
DT 102	• FITS HV 1203 AND HV 1803 MANIFOLDS	\$ 81.90	1
DT 103	• FITS BRODIX / HIGH VELOCITY MANIFOLDS • MEDIUM PERFORMANCE FLAT TAPPET, MID-rpm RANGE	\$ 81.90	1
DT 104	• FITS BRODIX / HIGH VELOCITY MANIFOLDS • ALCOHOL, LARGE DISPLACEMENT ENGINES	\$ 81.90	1
DT 105	• FITS VICTOR JR. #2967 • MEDIUM PERFORMANCE, FLAT TAPPET MID-rpm RANGE	\$ 81.90	1
DT 106	• FITS VICTOR JR. #2967 • LARGE DISPLACEMENT ENGINES	\$ 81.90	1
DT 107	• FITS TORKER II MANIFOLD	\$ 81.90	1
DT 108	• FITS TEAM "G" MANIFOLD	\$ 81.90	1
DT 200	• FITS BRODIX BIG BLOCK MANIFOLDS	\$ 81.90	1



DT 100



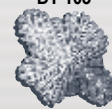
DT 101



DT 103



DT 104



DT 105



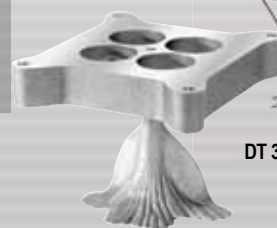
DT 106



Must be purchased as a combination, turtle and spacer

PART#	DESCRIPTION	PRICE	PER
DT 300	• TURTLE WITH SIDE WINGS TO FIT VICTOR JR. #2967 • ALCOHOL APPLICATION	\$ 175.50 (INCLUDES SPACER)	1
DT 301	• TURTLE TO FIT VICTOR JR. #2967 TALL • GASOLINE APPLICATION	\$ 175.50 (INCLUDES SPACER)	1
DT 302	• TURTLE TO FIT WEIAND 7547 / TORKER II • GAS OR ALCOHOL APPLICATION	\$ 175.50 (INCLUDES SPACER)	1
DT 400	• 1.280 HEIGHT • FOR USE WITH ATTACHING TURTLES		
DT 401	• 1.280 HEIGHT • TWO BARREL SIDE MOUNT SPACER • FOR USE WITH ATTACHING TURTLES		
DT 402	• 1.280 HEIGHT • TWO BARREL STANDARD MOUNT SPACER • FOR USE WITH ATTACHING TURTLES		

DT 400



DT 300



### INSTALLATION INSTRUCTIONS - VERY IMPORTANT

Due to manufacturing variations in the manifold and "turtle" insert, verify close fit of insert to manifold floor. Turtle should sit flat on floor of manifold. However, slight trimming of manifold and/or insert may be required. Manifold and insert must be absolutely free of contaminants such as fuel, oil, etc. A good degreaser/cleaner should be used before installation.

**WARNING:** If mating parts are not absolutely clean and free of contaminants, insert could become dislodged. Cast arrow should be installed to front of manifold.

### TUNING TIPS

Due to improved fuel mixture and fuel atomization, your carburetor may require leaner jets. After initial testing, spark plug readings should be taken and possible rejetting may be necessary.

# BRODIX® STEEL EXHAUST VALVES

PART #	HEAD DIAM.	STEM DIAM.	o.a.l.	INSTALLED HEIGHT	VALVE TIP L.	VALVE FACE	APPLICATIONS	PRICE	PER
BR 60570D	1.570	.3415	5.250	STOCK	.250	FLAT	HH RO 225, HH RO 234	\$ 23.86	1
BR 91518	1.580	.3090	6.090	STOCK	.250	DISHED	GB 2000, 12X12 RP, BD 2000	\$ 23.86	1
BR 91519	1.580	.3090	6.250	STOCK	.250	DISHED	GB 2300	\$ 23.86	1
BR 91580	1.580	.3415	6.090	STOCK	.300	DISHED	GB 2000, 12X12 RP, BD 2000	\$ 23.86	1
BR 91582	1.580	.3415	6.250	STOCK	.250	DISHED	GB 2300	\$ 23.86	1
BR 91535D	1.580	.3090	6.350	STOCK	.250	DISHED	GB 2400	\$ 23.86	1
BR 2004	1.600	.3415	4.910	STOCK	.290	DISHED	SMALL BLOCK	\$ 23.52	1
BR 6169DI	1.600	.3415	4.910	STOCK	.260	DISHED	SMALL BLOCK	\$ 23.52	1
BR 60001	1.600	.3415	4.940	STOCK	.250	DISHED	SMALL BLOCK	\$ 23.52	1
BR 81021	1.600	.3415	4.965	STOCK	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 81022	1.600	.3415	5.015	+050	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 60030	1.600	.3415	5.065	+100	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 60130	1.600	.3415	5.115	+150	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 60230	1.600	.3415	5.165	+200	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 81051	1.600	.3415	5.300	STOCK	.230	FLAT	BRODIX -12	\$ 23.86	1
BR 81053	1.600	.3415	5.380	STOCK	.310	DISHED	BRODIX -12	\$ 23.86	1
BR 60044	1.600	.3415	5.440	+100	.290	DISHED	BRODIX -12, -18	\$ 23.86	1
BR 60054	1.600	.3415	5.540	+200	.290	DISHED	BRODIX -12, -18	\$ 23.86	1
BR 60064D	1.600	.3415	5.640	+300	.290	DISHED	BF 200	\$ 23.86	1
BR 91600	1.600	.3415	6.090	STOCK	.250	FLAT	BRODIX CV	\$ 23.86	1
BR 60359	1.600	.3090	5.540	+200	.290	DISHED	BRODIX -12, -18	\$ 23.86	1
BR 91516	1.600	.3090	6.090	STOCK	.250	DISHED	BRODIX CV	\$ 23.86	1
BR 81025	1.625	.3415	5.015	+050	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 60131	1.625	.3415	5.065	+100	.250	DISHED	SMALL BLOCK	\$ 23.86	1
BR 60051F	1.625	.3415	5.510	+170	.260	DISHED	BRODIX -12, -18	\$ 23.86	1
BR 60154	1.625	.3415	5.540	+200	.290	DISHED	BRODIX -12, -18	\$ 23.86	1
BR 60174D	1.625	.3415	5.740	STOCK	.290	DISHED	BRODIX -15	\$ 23.86	1
BR 60184R	1.625	.3415	5.850	+100	.290	DISHED	BRODIX -15	\$ 27.04	1
BR 86003V	1.780	.3415	5.400	STOCK	.250	DISHED	B1	\$ 24.42	1
BR 81080	1.800	.3415	5.930	STOCK	.235	DISHED	SR 20	\$ 24.42	1
BR 81081	1.810	.3415	5.300	STOCK	.230	DISHED	B1 BS	\$ 24.42	1
BR 81185	1.850	.3415	5.495	STOCK	.235	DISHED	BB-3 XTRA	\$ 23.86	1
BR 81685	1.860	.3415	6.550	STOCK	.300	DISHED	BIG DUKE (55° SEAT)	\$ 24.42	1
BR 81686	1.860	.3415	6.600	STOCK	.320	DISHED	PB 2005 (55° SEAT)	\$ 27.04	1
BR 81038	1.880	.3415	5.394	STOCK	.235	DISHED	BIG BLOCK	\$ 24.42	1
BR 81138	1.880	.3415	5.494	+100	.235	DISHED	BIG BLOCK	\$ 24.42	1
BR 81139	1.900	.3415	5.494	+100	.235	DISHED	BIG BLOCK	\$ 24.42	1
BR 81645	1.900	.3415	6.450	STOCK	.235	DISHED	BIG DUKE	\$ 24.42	1



# TRICK TITANIUM EXHAUST VALVES

PART #	HEAD DIAM.	STEM DIAM.	o.a.l.	VALVE TIP L.	UNDERHEAD ANGLE / RADIUS	MARGIN	SEAT	PRICE	PER
BX 1580-609 T	1.580	.3415	6.090	.300	12 X .406	.070	.100	\$ 131.00	1
BX 1580-609 T 25	1.580	.3415	6.090	.300	25 X .625	.100	.070	\$ 131.00	1
BX 1580-625 T 25	1.580	.3415	6.250	.300	25 X .625	.100	.070	\$ 131.00	1
BX 1580-635 T 25	1.580	.3415	6.350	.300	25 X .625	.100	.070	\$ 131.00	1
BX 1600-496 T	1.600	.3415	4.960	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-504 T	1.600	.3415	5.040	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-507 T	1.600	.3415	5.070	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-514 T	1.600	.3415	5.140	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-524 T	1.600	.3415	5.240	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-530 T	1.600	.3415	5.300	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-534 T	1.600	.3415	5.340	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-544 T	1.600	.3415	5.440	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-554 T	1.600	.3415	5.540	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1600-564 T 25	1.600	.3415	5.640	.300	25 X .625	.100	.100	\$ 131.00	1
BX 1600-609 T	1.600	.3415	6.090	.300	12 X .406	.070	.100	\$ 131.00	1
BX 1600-609 T 25	1.600	.3415	6.090	.300	25 X .625	.100	.070	\$ 131.00	1
BX 1625-514 T	1.625	.3415	5.140	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1625-544 T	1.625	.3415	5.440	.300	12 X .406	.080	.100	\$ 131.00	1
BX 1625-554 T	1.625	.3415	5.540	.300	25 X .625	.100	.070	\$ 131.00	1
BX 1625-564 T	1.625	.3415	5.640	.290	12 X .625	.080	.100	\$ 131.00	1
BX 1625-571 T	1.625	.3415	5.710	.290	12 X .625	.080	.100	\$ 131.00	1

PARTS

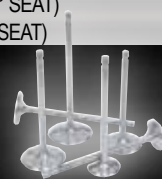
# TRICK TITANIUM EXHAUST VALVES

PART #	HEAD DIAM.	STEM DIAM.	o.a.l.	VALVE TIP L.	UNDERHEAD ANGLE / RADIUS	MARGIN	SEAT	PRICE	PER
BX 1780-550 T	1.780	.3415	5.500	.350	30 X .437	.095	.090	\$ 132.80	1
BX 1800-593 T	1.800	.3415	5.930	.300	30 X .625	.080	.060	\$ 132.80	1
BX 1850-560 T 55	1.850	.3415	5.600	.300	30 X .750	.100	.060 (55° SEAT)	\$ 145.57	1
BX 1850-560 TBL 5/16	1.850	.310	5.600	.300	12 X .406	.080	.100	\$ 145.57	1
BX 1850-570 T 55	1.850	.3415	5.700	.300	30 X .750	.100	.060 (55° SEAT)	\$ 145.57	1
BX 1860-655 T	1.860	.3415	6.550	.300	30 X .625	.125	.120 (55° SEAT)	\$ 145.57	1
BX 1860-662 T 55	1.860	.3415	6.620	.320	30 X .750	.100	.050 (55° SEAT)	\$ 145.57	1
BX 1860-682 TBL 55	1.860	.3415	6.820	.300 BL	30 X .750	.100	.060 (55° SEAT)	\$ 145.57	1
BX 1880-550 T	1.880	.3415	5.500	.300	12 X .406	.080	.100	\$ 132.80	1
BX 1880-550 T 30	1.880	.3415	5.500	.300	30 X .625	.100	.100	\$ 132.80	1
BX 1900-540 T	1.900	.3415	5.400	.300	12 X .406	.080	.100	\$ 132.80	1
BX 1900-550 T	1.900	.3415	5.500	.300	12 X .406	.080	.100	\$ 132.80	1
BX 1900-550 T 30	1.900	.3415	5.500	.300	30 X .625	.100	.100	\$ 132.80	1
BX 1900-560 T 30	1.900	.3415	5.600	.300	30 X .625	.100	.100	\$ 132.80	1
BX 1900-650 T	1.900	.3415	6.500	.300	12 X .437	.085	.080	\$ 145.57	1
BX 1900-655 T	1.900	.3415	6.550	.300	30 X .625	.125	.100	\$ 145.57	1

# BRODIX® STEEL INTAKE VALVES

PART #	HEAD DIAM.	STEM DIAM.	o.a.l.	INSTALLED HEIGHT	VALVE TIP L.	VALVE FACE	APPLICATIONS	PRICE	PER
BR 60194D	1.940	.3415	4.920	STOCK	.250	DISHED	SMALL BLOCK	\$23.52	1
BR 6170DI	2.020	.3415	4.915	STOCK	.260	DISHED	SMALL BLOCK	\$23.52	1
BR 60000	2.020	.3415	4.920	STOCK	.250	DISHED	SMALL BLOCK	\$23.52	1
BR 60005	2.055	.3415	4.920	STOCK	.250	DISHED	SMALL BLOCK	\$23.52	1
BR 60015	2.055	.3415	5.020	+1.100	.250	DISHED	SMALL BLOCK	\$23.52	1
BR 81018	2.080	.3415	4.920	STOCK	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 81019	2.080	.3415	4.965	STOCK	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 81017	2.080	.3415	5.015	+0.050	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60029	2.080	.3415	5.065	+1.100	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60229	2.080	.3415	5.165	+2.200	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 81011	2.100	.3415	4.965	STOCK	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 81015	2.100	.3415	5.015	+0.050	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60028	2.100	.3415	5.065	+1.100	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60228	2.100	.3415	5.165	+2.200	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60025	2.125	.3415	5.065	+1.100	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60225	2.125	.3415	5.165	+2.200	.250	FLAT	SMALL BLOCK	\$23.86	1
BR 60725D	2.125	.3415	5.740	STOCK	.290	DISHED	BF 200	\$23.86	1
BR 81050	2.140	.3415	5.290	STOCK	.230	DISHED	BRODIX -12	\$23.86	1
BR 60250D	2.150	.3415	5.250	STOCK	.250	DISHED	HH RO 225, HH RO 234	\$23.86	1
BR 60415	2.150	.3415	5.440	+1.100	.290	DISHED	BRODIX -12, -18	\$23.86	1
BR 60518D	2.180	.3415	5.540	+2.200	.290	DISHED	BRODIX -12, -18	\$23.86	1
BR 60718D	2.180	.3415	5.740	STOCK	.290	DISHED	BRODIX -15	\$23.86	1
BR 70019	2.190	.3415	5.230	STOCK	.270	FLAT	BIG BLOCK	\$24.42	1
BR 81049	2.200	.3415	5.290	STOCK	.230	DISHED	BRODIX -12	\$24.42	1
BR 81040	2.250	.3415	5.218	STOCK	.235	DISHED	BIG BLOCK	\$24.42	1
BR 81140	2.250	.3415	5.318	+1.100	.235	DISHED	BIG BLOCK	\$24.42	1
BR 81141	2.300	.3415	5.318	+1.100	.235	DISHED	BIG BLOCK	\$24.42	1
BR 86002V	2.300	.3415	5.380	STOCK	.250	DISHED	B1	\$24.42	1
BR 81241	2.300	.3415	5.468	+2.250	.235	DISHED	BIG BLOCK	\$24.42	1
BR 81341	2.300	.3415	5.568	+3.350	.235	DISHED	BIG BLOCK	\$24.42	1
BR 81361	2.300	.3415	5.610	+4.400	.250	DISHED	BIG BLOCK	\$24.42	1
BR 81351	2.350	.3415	5.568	+3.350	.235	DISHED	BIG BLOCK	\$24.42	1
BR 81365	2.350	.3415	5.610	+4.400	.250	DISHED	BIG BLOCK	\$24.42	1
BR 81375	2.375	.3415	5.610	STOCK	.235	DISHED	BRODIX BB-3 XTRA O (50° SEAT)	\$24.42	1
BR 81376	2.375	.3100	5.610	STOCK	.235	DISHED	BRODIX BB-3 XTRA O (50° SEAT)	\$24.42	1
BR 81400	2.400	.3415	5.610	STOCK	.235	DISHED	BRODIX HH BB MC (55° SEAT)	\$24.42	1
BR 81403	2.400	.3415	6.030	STOCK	.235	DISHED	SR 20	\$26.00	1
BR 81660	2.400	.3415	6.600	STOCK	.250	DISHED	BIG DUKE	\$24.42	1
BR 81665	2.450	.3415	6.650	STOCK	.300	DISHED	BIG DUKE (55° SEAT)	\$28.48	1
BR 81692	2.520	.3415	6.920	STOCK	.320	DISHED	PB 2005 (55° SEAT)	\$27.04	1

All valves have steel tips unless otherwise noted. Brodix will try to maintain sufficient stock levels for all seasonal demands. If you do not see the part you are looking for, do not hesitate to call. We will try to get it for you.



# TRICK TITANIUM INTAKE VALVES

**PARTS**

PART #	HEAD			STEM		VALVE		UNDERHEAD		PRICE	PER
	DIAM.	DIAM.	o.a.l.	TIP L.	ANGLE / RADIUS	MARGIN	SEAT				
BX 2055-496 T	2.055	.3415	4.960	.300	10 X .375	.075	.100	\$132.80	1		
BX 2055-504 T	2.055	.3415	5.040	.300	10 X .375	.075	.100	\$132.80	1		
BX 2080-496 T	2.080	.3415	4.960	.300	10 X .375	.070	.090	\$132.80	1		
BX 2080-504 T	2.080	.3415	5.040	.300	10 X .375	.075	.100	\$132.80	1		
BX 2080-507 T	2.080	.3415	5.070	.300	10 X .375	.075	.100	\$132.80	1		
BX 2080-514 T	2.080	.3415	5.140	.300	10 X .375	.075	.100	\$132.80	1		
BX 2100-504 T	2.100	.3415	5.040	.300	10 X .375	.075	.100	\$132.80	1		
BX 2100-514 T	2.100	.3415	5.140	.300	10 X .375	.075	.100	\$132.80	1		
BX 2100-524 T	2.100	.3415	5.240	.300	10 X .375	.075	.100	\$132.80	1		
BX 2100-534 T	2.100	.3415	5.340	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-504 T	2.125	.3415	5.040	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-514 T	2.125	.3415	5.140	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-524 T	2.125	.3415	5.240	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-534 T	2.125	.3415	5.340	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-544 T	2.125	.3415	5.440	.300	10 X .375	.075	.100	\$132.80	1		
BX 2125-574 T	2.125	.3415	5.740	.300	10 X .375	.075	.100	\$132.80	1		
BX 2140-530 T	2.140	.3415	5.300	.300	10 X .375	.075	.100	\$132.80	1		
BX 2150-534 T	2.150	.3415	5.340	.300	10 X .375	.075	.100	\$132.80	1		
BX 2150-544 T	2.150	.3415	5.440	.300	10 X .375	.075	.100	\$132.80	1		
BX 2150-554 T	2.150	.3415	5.540	.300	10 X .375	.075	.100	\$132.80	1		
BX 2150-609 TBL 5/16	2.150	.310	6.090	.300 BL	10 X .375	.075	.100	\$145.57	1		
BX 2180-554 T	2.180	.3415	5.540	.300	10 X .375	.075	.100	\$132.80	1		
BX 2180-574 T	2.180	.3415	5.740	.290	10 X .375	.075	.100	\$132.80	1		
BX 2180-584 T	2.180	.3415	5.840	.290	10 X .375	.075	.100	\$145.57	1		
BX 2180-609 TBL 5/16	2.180	.310	6.090	.300 BL	10 X .375	.075	.100	\$145.57	1		
BX 2180-609 T	2.180	.3415	6.090	.300	10 X .375	.075	.100	\$145.57	1		
BX 2200-544 T	2.200	.3415	5.440	.300	10 X .375	.075	.100	\$132.80	1		
BX 2200-554 T	2.200	.3415	5.540	.300	10 X .375	.075	.100	\$132.80	1		
BX 2200-609 T	2.200	.3415	6.090	.300	10 X .375	.075	.100	\$145.57	1		
BX 2200-609 TBL 5/16	2.200	.310	6.090	.300 BL	10 X .375	.075	.100	\$145.57	1		
BX 2200-620 T	2.200	.3415	6.200	.300	10 X .375	.075	.100	\$145.57	1		
BX 2200-625 T	2.200	.3415	6.250	.300	10 X .375	.075	.100	\$145.57	1		
BX 2200-625 TBL 5/16	2.200	.310	6.250	.300 BL	10 X .375	.075	.100	\$145.57	1		
BX 2200-635 T	2.200	.3415	6.350	.300	10 X .375	.075	.100	\$145.57	1		
BX 2200-635 TBL 5/16	2.200	.310	6.350	.300 BL	10 X .375	.075	.100	\$145.57	1		
BX 2230-625 T	2.230	.3415	6.250	.300	10 X .375	.075	.100	\$145.57	1		
BX 2250-523 T	2.250	.3415	5.230	.300	10 X .375	.075	.100	\$139.20	1		
BX 2250-533 T	2.250	.3415	5.330	.300	10 X .375	.075	.100	\$139.20	1		
BX 2250-620 T	2.250	.3415	6.200	.300	10 X .375	.075	.100	\$145.57	1		
BX 2300-533 T	2.300	.3415	5.330	.300	10 X .375	.075	.100	\$139.20	1		
BX 2300-550 T	2.300	.3415	5.500	.350	10 X .375	.085	.080	\$139.20	1		
BX 2300-553 T	2.300	.3415	5.530	.300	10 X .375	.075	.100	\$139.20	1		
BX 2300-563 T	2.300	.3415	5.630	.300	10 X .375	.075	.100	\$139.20	1		
BX 2300-573 T	2.300	.3415	5.730	.300	10 X .375	.075	.100	\$139.20	1		
BX 2350-560 T 5/16	2.350	.310	5.600	.300	10 X .375	.075	.100	\$145.57	1		
BX 2350-563 T	2.350	.3415	5.630	.300	10 X .375	.075	.100	\$145.57	1		
BX 2350-573 T	2.350	.3415	5.730	.300	10 X .375	.075	.100	\$145.57	1		
BX 2375-573 T	2.375	.3415	5.730	.300	10 X .375	.085	.100 (50° SEAT)	\$145.57	1		
BX 2375-573 TBL 5/16	2.375	.310	5.730	.300 BL	10 X .375	.085	.100 (50° SEAT)	\$145.57	1		
BX 2400-550 T	2.400	.3415	5.500	.350	10 X .375	.085	.080	\$145.57	1		
BX 2400-573 T 55	2.400	.3415	5.730	.300	12 X .375	.075	.050 (55° SEAT)	\$145.57	1		
BX 2400-573 TBL 5/16	2.400	.310	5.730	.300	12 X .375	.075	.050 (55° SEAT)	\$145.57	1		
BX 2400-609 T	2.400	.3415	6.090	.300	12 X .438	.060	.060	\$145.57	1		
BX 2400-609 TBL 5/16	2.400	.310	6.090	.300 BL	12 X .438	.060	.060	\$145.57	1		
BX 2400-665 T	2.400	.3415	6.650	.300	12 X .375	.075	.090	\$145.57	1		
BX 2450-665 T	2.450	.3415	6.650	.300	12 X .375	.075	.100	\$147.45	1		
BX 2450-665 T 55	2.450	.3415	6.650	.300	12 X .375	.075	.100 (55° SEAT)	\$145.57	1		
BX 2450-692 T	2.450	.3415	6.920	.320	12 X .375	.055	.040	\$145.57	1		
BX 2500-665 T	2.500	.3415	6.650	.300	12 X .375	.075	.090	\$145.57	1		
BX 2520-690 TBL 55	2.520	.3415	6.900	.300 BL	12 X .375	.055	.040 (55° SEAT)	\$147.45	1		
BX 2520-690 TBL 5/16	2.520	.3100	6.900	.300 BL	12 X .375	.055	.040 (55° SEAT)	\$145.57	1		
BX 2520-692 T 55	2.520	.3415	6.920	.320	12 X .375	.055	.040 (55° SEAT)	\$149.00	1		

All valves have steel tips unless otherwise noted. Brodix will try to maintain sufficient stock levels for all seasonal demands. If you do not see the part you are looking for, do not hesitate to call. We will try to get it for you.





# DEL WEST TITANIUM VALVES

PART #	HEAD DIAM.	STEM DIAM.	o.a.l.	VALVE TIP L.	UNDERHEAD ANGLE / RADIUS	MARGIN	SEAT	PRICE	PER
DW 1600-514 LC	1.600	.3415	5.140	.300	20 X .438	.075	.075	\$91.00	1
DW 2080-514 LC	2.080	.3415	5.140	.300	10 X .375	.075	.075	\$91.00	1
DW 2100-514 LC	2.100	.3415	5.140	.300	10 X .375	.075	.075	\$91.00	1
DW 2125-514 LC	2.125	.3415	5.140	.300	10 X .375	.075	.075	\$91.00	1
DW LC3415	LASH CAPS FOR DEL WEST VALVE							\$ 9.00	1

DEL WEST VALVES REQUIRE DEL WEST LASH CAPS.

## VALVE LOCKS

SUPPLIED BY COMPETITION CAMS, MANLEY, AND PIONEER

PART #	DESCRIPTION	PRICE	PER
CC 610	10° SPLIT LOCK FOR 5/16 VALVE STEM	\$ 1.25	1
CC 611	10° SPLIT LOCK FOR 11/32 VALVE STEM	\$ 1.25	1
CC 612	10° SPLIT LOCK FOR 3/8 VALVE STEM	\$ 1.25	1
CC 613	10° SPLIT LOCK FOR 11/32 VALVE STEM (WITHOUT RECESS)	\$ 1.25	1
CC 614	10° +.050 11/32 VALVE LOCK	\$ 1.25	1
MA 13083	7° SUPER LOCK FOR 11/32 VALVE STEM, 16 PAIR	\$ 73.00	1
MA 13091-16	7° MACHINED LOCK FOR 11/32 VALVE STEM, 16 PAIR	\$ 63.00	1
MA 13194T-16	10° TITANIUM LOCK FOR 11/32 VALVE STEM, 16 PAIR	\$202.00	1
MA 130333T-8	7° TITANIUM SUPER LOCK FOR 5/16 VALVE STEM, 8 PAIR	\$ 102.00	1
MA 13035T-8	7° TITANIUM SUPER BEAD CAPTIVE LOCK FOR 11/32 VALVE STEM, 8 PAIR	\$ 102.00	1
MA 13151-8	10°, .3110 VALVE BEAD LOCK, 8 PAIR	\$ 42.00	1
MA 13152-16	10°, +.050, .3110 VALVE BEAD LOCK, 16 PAIR	\$ 84.00	1
MA 13161-8	10° STEEL BEAD LOCK, 11/32 VALVE STEM, 8 PAIR	\$ 40.00	1
PI PF-555	7° STAMPED VALVE LOCK	\$ .35	1

## VALVE SPRINGS

SUPPLIED BY BULLET CAMS, COMPETITION CAMS, ISKY, GAERTE, K-MOTION, AND MANLEY

PART #	DESCRIPTION	PRICE	PER
BT 120121	1.550/ 140 @ 1.950, 355 @ 1.350, COIL BIND @ 1.170	\$ 15.00	1
CC 26075	1.550/ 225 @ 2.000, 580 @ 1.350, COIL BIND @ 1.160	\$ 15.00	1
CC 928	1.550/ 158 @ 1.950, 360 @ 1.350, COIL BIND @ 1.130	\$ 13.75	1
CC 938	1.550/ 165 @ 2.000, 470 @ 1.350, COIL BIND @ 1.200	\$ 14.30	1
CC 941	1.250/ 130 @ 1.750, 385 @ 1.200, COIL BIND @ 1.100	\$ 15.75	1
CC 947	1.650/ 340 @ 2.000, 835 @ 1.270, COIL BIND @ 1.130	\$ 31.25	1
CC 948	1.650/ 330 @ 2.100, 945 @ 1.200, COIL BIND @ 1.100	\$ 31.25	1
CC 950	1.470/ 145 @ 1.850, 355 @ 1.250, COIL BIND @ 1.200	\$ 13.75	1
CC 952	1.550/ 205 @ 2.000, 490 @ 1.400, COIL BIND @ 1.150	\$ 15.00	1
CC 977	1.470/ 115 @ 1.950, 330 @ 1.450, COIL BIND @ 1.100	\$ 15.00	1
CC 981	1.250/ 100 @ 1.700, 280 @ 1.200, COIL BIND @ 1.150	\$ 13.75	1
CC 987	1.470/ 130 @ 1.800, 325 @ 1.250, COIL BIND @ 1.150	\$ 13.75	1
IS 8205	1.550/ 140 @ 1.900, 430 @ 1.250, COIL BIND @ 1.170	\$ 17.00	1
IS 9365	1.550/ 215 @ 1.950, 550 @ 1.270, COIL BIND @ 1.170	\$ 22.50	1
IS 9385	1.550/ 245 @ 2.000, 600 @ 1.280, COIL BIND @ 1.180	\$ 26.55	1
IS 9905	1.540/ 170 @ 1.950, 400 @ 1.450, COIL BIND @ 1.140	\$ 44.75	1
IS 9965	1.560/ 245 @ 1.950, 585 @ 1.270, COIL BIND @ 1.170	\$ 44.75	1
IS 9985	1.560/ 245 @ 2.000, 600 @ 1.300, COIL BIND @ 1.200	\$ 44.75	1
GA 1000	1.550/ 240 @ 1.940, 575 @ 1.240, COIL BIND @ 1.140	\$ 15.00	1
KM K1000-H	1.625/ 240 @ 2.000, 750 @ 1.150, COIL BIND @ 1.090	\$ 22.50	1
MA 221424	1.640/ 250 @ 2.050, 745 @ 1.250, COIL BIND @ 1.050	\$ 26.25	1
MA 221425	1.640/ 320 @ 2.100, 800 @ 1.300, COIL BIND @ 1.160	\$ 28.00	1
MA 221448	1.650/ 350 @ 2.150, 890 @ 1.350, COIL BIND @ 1.020	\$ 51.00	1
MA 221449	1.670/ 400 @ 2.175, 967 @ 1.375, COIL BIND @ 1.135	\$ 68.00	1
PSI 1224	1.640/ 280 @ 2.040, 745 @ 1.240, COIL BIND @ 1.110	\$ 26.25	1

# RETAINERS

SUPPLIED BY SCI-TEX TRICK TITANIUM, COMPETITION CAMS, AND MANLEY

PART #	DESCRIPTION	PRICE	PER
BX TR 23650	TITANIUM RETAINER FOR 10° LOCK	\$ 20.00	1
BX TR 2398 BR	TITANIUM RETAINER FOR 10° LOCK	\$ 16.05	1
CC 740	STEEL RETAINER 1.430 o.d. FOR 10° LOCK	\$ 4.75	1
CC 742	STEEL RETAINER 1.250 o.d. FOR 7° LOCK	\$ 4.75	1
CC 743	STEEL RETAINER 1.430 o.d. FOR 7° LOCK	\$ 4.75	1
CC 750-16	STEEL RETAINER 1.250 o.d. FOR 10° LOCK (16)	\$ 76.00	1
CC 752	STEEL RETAINER 1.500 o.d. FOR 10° LOCK	\$ 6.00	1
MA 2001	TITANIUM RETAINER FOR 10° LOCK AND TRIPLE SPRINGS	\$ 16.05	1
MA 2398 BR+50	TITANIUM RETAINER FOR 10° LOCK +50	\$ 16.05	1
MA 2398 BR	TITANIUM RETAINER FOR 10° LOCK	\$ 16.05	1
MA 23640	TITANIUM RETAINER FOR 10° LOCK, FITS MA 221424	\$ 20.00	1
MA 23650-16	TITANIUM RETAINER FOR 10° LOCK	\$325.00	1
MA 23670	TITANIUM RETAINER FOR SUPER 7° LOCK AND DOUBLE SPRING	\$ 31.00	1
MA 23708L-16	TITANIUM RETAINER FOR 7° LOCK AND TRIPLE SPRINGS (16 PAIR)	\$488.18	1

# GUIDE PLATES

SUPPLIED BY MANLEY, NICKELS PERFORMANCE, BRODIX®, AND COMPETITION CAMS

PART #	DESCRIPTION	PRICE	PER
MA 42149	BIG BLOCK GUIDE PLATE .437 PUSHROD, 8 CYL SET	\$ 58.00	1
BR BB GP-3	BIG BLOCK GUIDE PLATE .375 PUSHROD	\$ 7.25	1
BR 289351	GUIDE PLATE FOR T1 F AND ST 5.0 R HEADS	\$ 4.25	1
BR 5160	SMALL BLOCK GUIDE PLATE .312 PUSHROD FOR BRODIX 40/60 HEADS	\$ 5.00	1
CC 4806	BIG BLOCK GUIDE PLATE .375 PUSHROD	\$ 8.50	1
CC 4808	SMALL BLOCK GUIDE PLATE .312 PUSHROD	\$ 3.50	1

# STUD GIRDLES AND REPLACEMENT PARTS

PART #	DESCRIPTION	PRICE	PER
BR 1230	BIG BLOCK STUD GIRDLE FOR BB -1, -2, -2X, -3	\$ 325.00	1
BR 6430	STUD GIRDLE FOR SMALL BLOCK T1 F AND ST 5.0 R	\$ 230.00	1
BR 6435	STUD GIRDLE FOR STANDARD SMALL BLOCK 23° HEADS	\$ 230.00	1
BR 6440	STUD GIRDLE FOR .040/.060 SMALL BLOCK BRODIX HEADS	\$ 230.00	1
BR 6450-1	STUD GIRDLE SET SCREW AND JAM NUT (12 POINT SCREW)	\$ 3.00	1
BR 6452	SHORT ADJUSTER NUT WITH SET SCREW	\$ 7.57	1
BR 6455	LONG ADJUSTER NUT WITH SET SCREW	\$ 8.57	1

# EXHAUST GASKETS

SUPPLIED BY COMETIC, FEL-PRO, AND MONTCO MANUFACTURING

PART #	DESCRIPTION	PRICE	PER
CO C5415	SMALL BLOCK EXHAUST GASKET (STANDARD EXHAUST PATTERN)	\$ 11.09	1
CO C5417	STREET HEAD EXHAUST GASKET	\$ 11.09	1
CO C5418	BIG DUKE EXHAUST GASKET	\$ 11.09	1
CO C5420	BD 2000 EXHAUST GASKET	\$ 11.09	1
CO C5422	GB 2000 EXHAUST GASKET	\$ 11.09	1
CO C5424	EXHAUST GASKET FOR WP 12 SP B, WP 247 RI, WP 262 RI	\$ 11.09	1
CO C5429	BIG BLOCK EXHAUST GASKET	\$ 11.09	1
FP 1404	23° SMALL BLOCK (1.500 X 1.500) SQUARE	\$ 27.00	1
FP 1405	23° SMALL BLOCK (1.550 X 1.550) SQUARE	\$ 33.75	1
FP 1406	23° SMALL BLOCK (1.550 X 1.673) D-SHAPE	\$ 33.50	1
FP 1407	23° HOOKER AND STAHL COMBO 1.810 DIAMETER	\$ 36.70	1
FP 1410	ALL BIG BLOCK (1.880 X 1.880) SQUARE	\$ 35.50	1
FP 1411	ALL BIG BLOCK (1.940 DIAMETER) ROUND	\$ 35.50	1
FP 1412	ALL BIG BLOCK (2.130 DIAMETER) ROUND	\$ 35.50	1
FP 1414	B1 EXHAUST GASKET (1.760 X 1.450)	\$ 37.00	1
FP 1428	BRODIX 5" BORE SPACE EXHAUST GASKET	\$ 38.00	1
FP 1431	BF 300 EXHAUST GASKET ( 1.810 DIAMETER)	\$ 43.75	1
MG 1350	STANDARD EXHAUST PORT GASKET FOR TRACK 1 F HEAD	\$ 9.00	1
MG 1351	STANDARD EXHAUST PORT GASKET FOR TRACK 1 F HEAD, X EXHAUST PORT	\$ 9.00	1
MG 1406	SMALL BLOCK STANDARD EXHAUST PORT GASKET	\$ 11.00	1
MG 1410	BIG BLOCK EXHAUST GASKET	\$ 11.50	1
MG 1500	11 SPX EXHAUST GASKET (23° HEADS)	\$ 8.00	1
MG 2005	PB 2005 EXHAUST GASKET	\$ 15.00	1
MG 52464	SMALL BLOCK SPREAD PORT EXHAUST GASKET	\$ 8.55	1

# VALVE COVERS

PART #	DESCRIPTION	PRICE	PER
VC 200-63910	BIG BLOCK VALVE COVER SPACERS 1.150 TALL	\$ 172.60	2
VC 102	BRODIX (TALL) VALVE COVER TO FIT SMALL BLOCK CHEVY	\$ 221.70	2
VC 190	BRODIX VALVE COVER TO FIT BRODIX CANTED VALVE HEADS	\$ 302.50	2
VC 200	BRODIX (TALL) VALVE COVER TO FIT BIG BLOCK CHEVY	\$ 221.70	2
VC 300	BRODIX VALVE COVER TO FIT SMALL BLOCK FORD	\$ 221.70	2
BR BIG BLOCK VC	SHEET METAL VALVE COVERS TO FIT STANDARD BIG BLOCK (LOGO)	CALL FOR PRICING	2
B1 DVC B1	B1 VALVE COVER WITH B1 LOGO TO FIT B1 BS, B1 ORIGINAL, INDY, AND STOCK MOPAR CAST IRON HEADS (CAST IRON HEADS MUST USE BOLTS)	\$ 250.80	2
BR BD VC	BIG DUKE VALVE COVERS BY WILLIAMS MFG. WITHOUT UPPER BOLT HOLES	\$ 454.50	2
BR BD VC P	BIG DUKE VALVE COVERS BY WILLIAMS MFG. WITHOUT UPPER BOLT HOLES (NO LOGO)	\$ 421.80	2
BR PB 2005 VC	PB 2005 / PB 1200 VALVE COVER BY WILLIAMS MFG.	\$ 454.50	2
BR PB 2005 VC P	PB 2005 / PB 1200 VALVE COVER BY WILLIAMS MFG. (NO LOGO)	\$ 421.80	2
BR PB 5000 VC P	PB 5000 SERIES VALVE COVERS BY WILLIAMS MFG. (NO LOGO)	\$ 421.80	2
BR SR 20 VC	SR 20 VALVE COVERS (LOGO)	\$ 454.50	2

BR PB 2005 VC



VC 300



BR BD VC



VC 200



VC 100



# VALVE COVER BREATHER KITS

PART #	DESCRIPTION	PRICE	PER
BR BT	VALVE COVER BREATHER TUBE	\$ 30.46	1
MG 3001	VALVE COVER BREATHER TUBE GASKET	\$ 1.53	1
JR CP 142	VALVE COVER BREATHER TUBE FILTER	\$ 16.32	1

# VALVE COVER GASKETS

SUPPLIED BY FEL-PRO AND MONTCO MANUFACTURING

PART #	DESCRIPTION	PRICE	PER
FP 1603	23° SMALL BLOCK 7/32" CORK-RUBBER	\$ 23.75	1
FP 1604	23° SMALL BLOCK 5/16" CORK-RUBBER WITH STEEL CORE	\$ 59.00	1
FP 1630	CORK-LAM 5/16" CORK-RUBBER STEEL CORE BIG BLOCK	\$ 63.75	1
FP 1634	PRO STOCK VALVE COVER GASKET	\$ 62.00	1
FP 1644	23° SMALL BLOCK (NOTCHED) 1/4" CORK- RUBBER WITH STEEL CORE	\$ 71.00	1
FP 1696	BRODIX 5" BORE SPACE VALVE COVER GASKET	\$ 62.00	1
MG 1000	BRODIX SMALL BLOCK VALVE COVER GASKET	\$ 4.50	1
MG 1634	BRODIX BIG DUKE VALVE COVER GASKET	\$ 10.00	1
MG 1654	BRODIX BIG DUKE VALVE COVER GASKET (.120 THICK)	\$ 7.50	1
MG 1900	BRODIX CANTED VALVE, VALVE COVER GASKET	\$ 4.50	1
MG 2000	BRODIX BIG BLOCK VALVE COVER GASKET	\$ 4.50	1
MG 2016	PB 2005 VALVE COVER GASKET	\$ 18.57	1
MG 2020	BRODIX SR 20 VALVE COVER GASKET	\$ 18.57	1
MG 3000	BRODIX T1 F AND ST 5.0 SMALL BLOCK VALVE COVER GASKET	\$ 4.50	1
MG 7000	BRODIX BI DVC VALVE COVER GASKET	\$ 4.50	1



# HEAD GASKETS

SUPPLIED BY COMETIC AND FEL-PRO

PART #	DESCRIPTION	PRICE	PER
CO C5054S	BIG BLOCK HEAD GASKET 4.630 BORE (.051" THICK)	\$ 74.43	1
CO C5399	SMALL BLOCK HEAD GASKET 4.030 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5400	SMALL BLOCK HEAD GASKET 4.125 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5401	SMALL BLOCK HEAD GASKET 4.135 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5402	SMALL BLOCK HEAD GASKET 4.160 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5402-5	SMALL BLOCK HEAD GASKET 4.165 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5403	SMALL BLOCK HEAD GASKET 4.200 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
CO C5403-054	SMALL BLOCK HEAD GASKET 4.200 BORE 12-23 DEGREE HEADS (.051" THICK)	\$ 72.37	1
CO C5404	BD 2000 HEAD GASKET 4.030 BORE (.040" THICK)	\$ 70.28	1
CO C5405	BD 2000 HEAD GASKET 4.125 BORE (.040" THICK)	\$ 70.28	1
CO C5406	BD 2000 HEAD GASKET 4.135 BORE (.040" THICK)	\$ 70.28	1
CO C5407	BD 2000 HEAD GASKET 4.160 BORE (.040" THICK)	\$ 70.28	1
CO C5408	BD 2000 HEAD GASKET 4.200 BORE (.040" THICK)	\$ 70.28	1
CO C5432	BIG BLOCK HEAD GASKET 4.31 BORE (.040" THICK)	\$ 74.43	1
CO C5433	BIG BLOCK, BIG DUKE HEAD GASKET 4.57 BORE (.040" THICK)	\$ 74.43	1
CO C5434	BIG BLOCK, BIG DUKE HEAD GASKET 4.63 BORE (.040" THICK)	\$ 74.43	1
CO C5491	BIG BLOCK, BIG DUKE HEAD GASKET 4.50 BORE (.040" THICK)	\$ 74.43	1
CO C5492	BIG BLOCK, BIG DUKE HEAD GASKET 4.60 BORE (.040" THICK)	\$ 74.43	1
CO C5954	SMALL BLOCK HEAD GASKET 4.060 BORE 12-23 DEGREE HEADS (.040" THICK)	\$ 70.28	1
FP 1003	SMALL BLOCK HEAD GASKET TO FIT 265, 283, 302, 307, 327, 350, 4.166 BORE	\$ 65.50	1
FP 1004	SMALL BLOCK HEAD GASKET TO FIT 400 AND MOST ALUMINUM BLOCKS, 4.190 BORE	\$ 71.00	1
FP 1017	BIG BLOCK HEAD GASKET TO FIT 396-454, 4.540 BORE	\$ 77.00	1
FP 1027	BIG BLOCK HEAD GASKET TO FIT 396, 402, 427, 454, COPPER RING, 4.370 BORE	\$ 90.50	1
FP 1034	SMALL BLOCK HEAD GASKET TO FIT 400, CRUSHED SOFT STEEL RING, 4.200 BORE	\$ 75.50	1
FP 1037	BIG BLOCK HEAD GASKET TO FIT GEN V, 4.370 BORE	\$ 83.25	1
FP 1045	LOC WIRE HEAD GASKET TO FIT SMALL BLOCK CHEVY, 4.180 BORE	\$ 115.50	1
FP 1047	BIG BLOCK HEAD GASKET TO FIT GEN V, 4.500 BORE	\$ 84.00	1
FP 1057	BIG BLOCK 454, 4.630 BORE	\$ 83.00	1
FP 1077	MLS HEAD GASKET 4.630 BORE (.040" THICK)	\$ 135.00	1
FP 1093	PRO STOCK GASKET (.053" THICK)	\$ 167.00	1
FP 17048	BIG BLOCK, MARINE GASKET, 4.500 BORE	\$ 84.00	1
FP 17049	BIG BLOCK, MARINE GASKET, 4.630 BORE	\$ 88.00	1
FP 26465-041	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.700 BORE (.041" THICK)	\$ 135.50	1
FP 26465-053	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.700 BORE (.053" THICK)	\$ 162.50	1
FP 26466-041	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.745 BORE (.041" THICK)	\$ 135.50	1
FP 26466-053	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.745 BORE (.053" THICK)	\$ 162.50	1
FP 26467-041	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.795 BORE (.041" THICK)	\$ 135.50	1
FP 26467-053	BIG BLOCK HEAD GASKET TO FIT BRODIX 5" BORE SPACE, 4.795 BORE (.053" THICK)	\$ 162.50	1

# THERMOSTAT GASKETS

SUPPLIED BY FEL-PRO

PART #	DESCRIPTION	PRICE	PER
FP 2202	O-RING THERMOSTAT WATER HOUSING GASKET, MOLDED RUBBER	\$ 28.00	1

# INTAKE GASKETS

SUPPLIED BY COMETIC, MONTGO MANUFACTURING, AND FEL-PRO

PART #	DESCRIPTION	PRICE	PER
CG 1002	BRODIX 23° SMALL BLOCK (1.390 X 2.390)	\$ 5.00	1
CG 1003	BRODIX 23° SMALL BLOCK STREET GASKET FITS HP 1 MANIFOLD	\$ 5.00	1
CG 1902	BIG PORT CANTED VALVE INTAKE GASKET (1.670 X 2.140)	\$ 6.00	1
CO C3250	18X INTAKE GASKET	\$ 13.10	1
CO C5414	SMALL BLOCK INTAKE GASKET .060" THICK, T1, -8, -10, -11X HEADS	\$ 13.10	1
CO C5416	STREET HEAD INTAKE GASKET	\$ 13.10	1
CO C5419	BIG DUKE INTAKE GASKET	\$ 13.10	1
CO C5421	BD 2000 INTAKE GASKET .060" THICK	\$ 13.10	1
CO C5423	GB 2000 INTAKE GASKET .060" THICK	\$ 13.10	1
CO C5425	WP 12 SP B INTAKE GASKET	\$ 13.10	1
CO C5426	WP 247 RI INTAKE GASKET	\$ 13.10	1
CO C5427	WP 262 RI INTAKE GASKET	\$ 13.10	1

PARTS

# INTAKE GASKETS

PART #	DESCRIPTION	PRICE	PER
CO C5428	BIG BLOCK INTAKE GASKET RECTANGLE PORT (.060" THICK)	\$ 13.10	1
CO C5430	BIG BLOCK OVAL PORT INTAKE GASKET	\$ 13.10	1
CO C5436	BIG BLOCK INTAKE GASKET (CNC RECTANGLE PORT)	\$ 13.10	1
MG 1202	BRODIX 12° MAN EATER INTAKE GASKET (.060" THICK)	\$ 15.00	1
MG 1206	SMALL BLOCK INTAKE GASKET	\$ 7.50	1
MG 1211	RACE-RITE BB-R INTAKE GASKET (WITH UPPER BOLT HOLE)	\$ 6.00	1
MG 1212-30	BRODIX 12X12 .030 UNDER INTAKE GASKET (1.380 X 2.300)	\$ 6.00	1
MG 1212-30/90	BRODIX 12X12 .030 UNDER INTAKE GASKET (1.380 X 2.300), .090" THICK	\$ 7.50	1
MG 1215	BRODIX SMALL BLOCK INTAKE GASKET FOR LM 12 (.060" THICK)	\$ 15.00	1
MG 1229	BRODIX SMALL HEAD HUNTER INTAKE GASKET (OVAL PORT)	\$ 7.50	1
MG 1550	BRODIX SMALL BLOCK INTAKE GASKET FOR WP 15 (1.380 X 2.210)	\$ 6.00	1
MG 1600	SMALL BLOCK 16° INTAKE GASKET (1.370 X 2.210)	\$ 15.00	1
MG 1800	BRODIX SMALL BLOCK 18° INTAKE GASKET WITH 10° INTAKE FACE (1.400 X 2.280)	\$ 8.00	1
MG 1901	CANTED VALVE SMALL PORT INTAKE GASKET	\$ 7.50	1
MG 2001	BRODIX BIG BLOCK (1.800 X 2.480) BLOCKED HEAT RISER	\$ 7.50	1
MG 2002	BIG BLOCK TALL DECK GASKET (1.800 X 2.480) .100" THICK	\$ 7.50	1
MG 2003	EB 650 INTAKE GASKET, TRIM TO FIT	\$ 6.00	1
MG 2006	BB-3 XTRA O INTAKE GASKET (.100" THICK)	\$ 15.00	1
MG 2010	BRODIX BIG DUKE INTAKE GASKET (1.800 X 2.400)	\$ 15.00	1
MG 2011	BRODIX BIG DUKE INTAKE GASKET (1.800 X 2.400), .120" THICK	\$ 15.00	1
MG 2012	BIG DUKE 16° INTAKE GASKET	\$ 15.00	1
MG 2013	BRODIX BIG DUKE OVAL PORT INTAKE GASKET	\$ 15.00	1
MG 2015	PB 2005 INTAKE GASKET	\$ 15.00	1
MG 2015-.120	PB 2005 INTAKE GASKET (.120" THICK)	\$ 16.35	1
MG 2021	BRODIX SR 20 INTAKE GASKET	\$ 15.00	1
MG 2021-.120	BRODIX SR 20 INTAKE GASKET (.120" THICK)	\$ 16.35	1
MG 2050	BRODIX CNC PORTED BB 3 XTRA 0 332 cc INTAKE GASKET	\$ 15.00	1
MG 2104	BB-3 XTRA O INTAKE GASKET	\$ 15.00	1
MG 2150	BRODIX CNC PORTED BB 3 XTRA 0 365 cc INTAKE GASKET	\$ 15.00	1
MG 2177	BRODIX HEAD HUNTER INTAKE GASKET	\$ 15.00	1
MG 2177-.120	BRODIX HEAD HUNTER 383 cc INTAKE GASKET (.120" THICK)	\$ 16.35	1
MG 2200	GB 2000 (286 cc) INTAKE GASKET	\$ 15.00	1
MG 2400	GB 2400 INTAKE GASKET	\$ 6.00	1
FP 1204	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.230 X 1.990) NO HEAT RISER	\$ 25.25	1
FP 1205	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.280 X 2.090) INTAKE	\$ 26.00	1
FP 1206	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.340 X 2.210) INTAKE	\$ 28.75	1
FP 1207	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.380 X 2.280) INTAKE	\$ 29.00	1
FP 1209	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.380 X 2.380) INTAKE	\$ 32.00	1
FP 1210	BIG BLOCK GASKET FOR USE WITH CHEVY (1.820 X 2.050) BLOCKED HEAT RISER	\$ 41.25	1
FP 1211	BIG BLOCK GASKET FOR USE WITH CHEVY (1.820 X 2.540) RECTANGLE PORT	\$ 32.00	1
FP 1212	BIG BLOCK GASKET FOR USE WITH CHEVY (1.820 X 2.050) OVAL PORT WITH HEAT RISER	\$ 33.50	1
FP 1212 R	BIG BLOCK OVAL PORT GASKET SET, .090" THICK	\$ 42.50	1
FP 1223-1	BIG BLOCK INTAKE GASKET FOR BRODIX 5" BORE SPACE (.030" THICK)	\$ 30.50	1
FP 1223-2	BIG BLOCK INTAKE GASKET FOR BRODIX 5" BORE SPACE (.045" THICK)	\$ 32.00	1
FP 1223-3	BIG BLOCK INTAKE GASKET FOR BRODIX 5" BORE SPACE (.061" THICK)	\$ 34.00	1
FP 1223-4	BIG BLOCK INTAKE GASKET FOR BRODIX 5" BORE SPACE (.090" THICK)	\$ 37.00	1
FP 1223-5	BIG BLOCK INTAKE GASKET FOR BRODIX 5" BORE SPACE (.120" THICK)	\$ 37.00	1
FP 1244	SMALL BLOCK GASKET FOR USE WITH 23° CHEVY (1.250 X 1.900 TO 1.400 X 2.300)	\$ 30.75	1
FP 1245	SMALL BLOCK 23° GASKET (1.250 X 1.900 TO 1.400 X 2.400) .125" THICK	\$ 36.25	1
FP 1252-3	BIG BLOCK RECTANGLE PORT GASKET SET WITH PRINT-O-SEAL (1.800 X 2.475)	\$ 29.00	1
FP 1262	SMALL BLOCK INTAKE GASKET SET FOR USE WITH FORD	\$ 38.00	1
FP 1263	SMALL BLOCK GASKET TO FIT CHEVY (1.310 X 2.020) RAISED RUNNER HEADS	\$ 34.50	1
FP 1265	BRODIX BF 300 GASKET(1.350 X 2.200)	\$ 43.75	1
FP 1266	SMALL BLOCK GASKET TO FIT CHEVY (1.340 X 2.210) .125" THICK	\$ 37.75	1
FP 1276	B1 ORIGINAL INTAKE GASKET	\$ 47.50	1
FP 1282	18° SMALL BLOCK GASKET (1.250 X 2.150) RAISED INTAKE	\$ 36.00	1
FP 1298	BIG BLOCK GASKET, BRODIX BIG DUKE (1.860 X 2.460)	\$ 34.75	1
FP 89271	CV SP 330 GASKET WITH PRINT-O-SEAL (1.670 X 2.140)	\$ 10.40	1



# VALVE SEATS

NOTE: BRODIX® CAN MAKE ANY SIZE SPECIAL SEATS WHEN ORDERED IN QUANTITIES OF 50 OR MORE.  
PLEASE CALL FOR PRICES AND DELIVERY.

PART #	DESCRIPTION	PRICE	PER
DB P 1.650 3/8	1.650 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (POWDER METAL)	\$ 13.23	1
P 1.650	1.650 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.650 3/8 LID	1.650 o.d./ 1.385 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.650 3/8 LID A45	1.650 o.d./ 1.385 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.650 A45	1.650 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.650 D	1.650 SPECIAL DIAMOND SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.650 X .400	1.650 o.d./ 1.345 i.d./ .400 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 1.660	1.660 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.660 X .450 A45	1.660 o.d./ 1.345 i.d./ .450 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.670	1.670 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.670 A45	1.670 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.670 X .450	1.670 o.d./ 1.345 i.d./ .450 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 1.680	1.680 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.680 A45	1.680 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.680 X .450	1.680 o.d./ 1.345 i.d./ .450 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 1.690	1.690 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.690 A45	1.690 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.700	1.700 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.700 A45	1.700 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.720	1.720 o.d./ 1.345 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.800	1.800 o.d./ 1.385 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.800 A45	1.800 o.d./ 1.385 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 1.8315 3/8	BRODIX BF300 - 301 EXHAUST SMALL BLOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.834	1.834 o.d./ 1.520 i.d./ .375 DEEP B1 SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.844	1.844 o.d./ 1.520 i.d./ .375 DEEP B1 SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.854	1.854 o.d./ 1.520 i.d./ .375 DEEP B1 SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.920 EB	1.920 o.d./ 1.600 i.d./ .425 DEEP EB SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.960	1.960 o.d./ 1.625 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.960 A45	1.960 o.d./ 1.625 i.d./ .375 DEEP PRO STOCK SEAT (AMPCO)	\$ 35.84	1
P 1.960 3/8 LID	1.960 o.d./ 1.655 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.960 3/8 LID A45	1.960 o.d./ 1.655 i.d./ .375 DEEP PRO STOCK SEAT (AMPCO)	\$ 35.84	1
P 1.960 EB	1.960 o.d./ 1.645 i.d./ .425 DEEP EB SEAT (DUCTILE IRON)	\$ 13.23	1
P 1.960 X .450	1.960 o.d./ 1.625 i.d./ .450 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 1.960 X .450 A45	1.960 o.d./ 1.625 i.d./ .450 DEEP PRO STOCK SEAT (AMPCO)	\$ 39.14	1
P 1.9615 X .450 A45	1.9615 o.d./ 1.625 i.d./ .450 DEEP PRO STOCK SEAT (AMPCO)	\$ 35.84	1
P 1.980	1.980 o.d./ 1.625 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 13.23	1
P 2.006	2.006 o.d./ 1.625 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.006 3/8 A45	2.006 o.d./ 1.625 i.d./ .375 DEEP BIG BLOCK SEAT (AMPCO)	\$ 35.84	1
P 2.006 3/8 LID	2.006 o.d./ 1.655 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
DB P 2.006 3/8 LIDO	2.006 o.d./ 1.675 i.d./ .375 DEEP BIG BLOCK SEAT (POWDER METAL)	\$ 15.99	1
P 2.006 3/8 LIDO	2.006 o.d./ 1.675 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.006 3/8 LID A45	2.006 o.d./ 1.655 i.d./ .375 BIG BLOCK SEAT (AMPCO)	\$ 35.84	1
P 2.016	2.016 o.d./ 1.625 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.026	2.026 o.d./ 1.625 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.046	2.046 o.d./ 1.625 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.079 5/16	2.079 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.131 3/8	2.131 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
DB P 2.131 5/16	2.131 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (POWDER METAL)	\$ 15.99	1
P 2.131 5/16	2.131 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.131 5/16 F	2.131 o.d./ 1.730 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.131 5/16 LID	2.131 o.d./ 1.845 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.131 5/16 LID A45	2.131 o.d./ 1.845 i.d./ .312 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 2.141 5/16	2.141 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.151 5/16	2.151 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.170 5/16	2.170 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.190 5/16	2.190 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.200 3/8	2.200 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.200 5/16	2.200 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 15.99	1
P 2.200 5/16 A45	2.200 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (AMPCO)	\$ 35.84	1
P 2.200 5/16 LID	2.200 o.d./ 1.845 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1

# VALVE SEATS

NOTE: BRODIX® CAN MAKE ANY SIZE SPECIAL SEATS WHEN ORDERED IN QUANTITIES OF 50 OR MORE.  
PLEASE CALL FOR PRICES AND DELIVERY.

PART #	DESCRIPTION	PRICE	PER
P 2.210 3/8	2.210 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.220 3/8	2.220 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.230 3/8	2.230 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.231 3/8	2.231 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 3/8 A45	2.250 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.250 3/8	2.250 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 3/8 LID	2.250 o.d./ 1.920 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 5/16	2.250 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 5/16 A45	2.250 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.250 5/16 D	2.250 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 5/16 LID	2.250 o.d./ 1.845 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 5/16 LIDX	2.250 o.d./ 1.880 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.250 X .400 A45	2.250 o.d./ 1.810 i.d./ .400 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.260 3/8	2.260 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.260 5/16	2.260 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.260 X .400	2.260 o.d./ 1.810 i.d./ .400 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.270 3/8	2.270 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.270 3/8 A45	2.270 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.270 5/16	2.270 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.270 5/16 A45	2.270 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.280 3/8	2.280 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.280 3/8 A45	2.280 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.280 5/16	2.280 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.280 5/16 A45	2.280 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.290 3/8	2.290 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.290 5/16	2.290 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.300 3/8	2.300 o.d./ 1.810 i.d./ .375 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.300 5/16	2.300 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.310 5/16	2.310 o.d./ 1.810 i.d./ .312 DEEP SMALL BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
DB P 2.350 3/8	2.350 o.d./ 1.940 i.d./ .375 DEEP BIG BLOCK SEAT (POWDER METAL)	\$ 13.23	1
P 2.350 3/8	2.350 o.d./ 1.940 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.350 3/8 A45	2.350 o.d./ 1.940 i.d./ .375 DEEP BIG BLOCK SEAT (AMPKO)	\$ 38.59	1
P 2.350 3/8 BP	2.350 o.d./ 2.000 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.350 3/8 LID	2.350 o.d./ 2.005 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.360 3/8	2.360 o.d./ 1.940 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.370 3/8	2.370 o.d./ 1.960 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.390 3/8	2.390 o.d./ 1.940 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.400 3/8	2.400 o.d./ 1.970 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.435 EB	2.435 o.d./ 2.050 i.d./ .425 EB SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.460 3/8	2.460 o.d./ 2.000 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.460 3/8 LID	2.460 o.d./ 2.040 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.460 3/8 LID A45	2.460 o.d./ 2.040 i.d./ .375 DEEP PRO STOCK SEAT (AMPKO)	\$ 38.59	1
P 2.460 X .400	2.460 o.d./ 1.810 i.d./ .400 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.480 3/8	2.480 o.d./ 2.000 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.485 EB	2.485 o.d./ 2.100 i.d./ .425 EB SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.500 3/8	2.500 o.d./ 1.940 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.500 3/8 LID A45	2.500 o.d./ 2.250 i.d./ .375 DEEP PRO STOCK SEAT (AMPKO)	\$ 43.00	1
P 2.500 X .450 LID	2.500 o.d./ 2.040 i.d./ .450 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.520 3/8	2.520 o.d./ 2.000 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.560 3/8	2.560 o.d./ 2.165 i.d./ .375 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.560 EB	2.560 o.d./ 2.160 i.d./ .425 EB SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.560 X .450	2.560 o.d./ 1.960 i.d./ .450 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 17.10	1
P 2.580 X .450	2.580 o.d./ 2.250 i.d./ .450 DEEP BIG BLOCK SEAT (DUCTILE IRON)	\$ 20.40	1
P 2.580 X .450 A45	2.580 o.d./ 2.250 i.d./ .450 DEEP PRO STOCK SEAT (AMPKO)	\$ 50.72	1
P 2.5815 X .450 A45	2.5815 o.d./ 2.250 i.d./ .450 DEEP PRO STOCK SEAT (AMPKO)	\$ 38.59	1
P 2.600 3/8	2.600 o.d./ 1.940 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 20.40	1
P 2.600 3/8 LID A45	2.600 o.d./ 2.140 i.d./ .375 DEEP PRO STOCK SEAT (AMPKO)	\$ 38.59	1
P 2.610 3/8	2.610 o.d./ 1.950 i.d./ .375 DEEP PRO STOCK SEAT (DUCTILE IRON)	\$ 20.40	1



# VALVE GUIDES / BIG BLOCK

NOTE: BRODIX® CAN MAKE ANY SIZE SPECIAL GUIDES WHEN ORDERED IN QUANTITIES OF 50 OR MORE.  
PLEASE CALL FOR PRICES AND DELIVERY.

PART #	DESCRIPTION	PRICE	PER
BG .502 11/32 SSAR	SILICON .502 o.d./ 3.150 LONG, SONNY'S 14.5	\$ 32.03	1
BG .502 11/32 SSARL	SILICON .502 o.d./ 3.500 LONG, SONNY'S 14.5	\$ 32.03	1
BG .502 5/16 SSARL	SILICON .502 o.d./ 3.500 LONG, SONNY'S 14.5	\$ 32.03	1
BG .545 11/32 CI	CAST IRON .545 o.d./ .342 i.d./ 2.420 LONG	\$ 5.25	1
BG .545 11/32 NLE	NICKEL .545 o.d./ .342 i.d./ 2.875 LONG	\$ 12.81	1
BG .545 11/32 SS	SOFT STEEL .545 o.d./ .342 i.d./ 2.420 LONG	\$ 5.25	1
BG .545 11/32 SSAR	SILICON .545 o.d./ 3.150 LONG, SONNY'S 14.5	\$ 32.03	1
BG .545 11/32 SSARL	SILICON .545 o.d./ 3.500 LONG, SONNY'S 14.5	\$ 32.03	1
BG .545 3/8 CI	CAST IRON .545 o.d./ .372 i.d./ 2.420 LONG	\$ 5.25	1
BG .545 3/8 SS	SOFT STEEL .545 o.d./ .372 i.d./ 2.420 LONG	\$ 5.25	1
BG .545 5/16 PLI	PHOSPHOROUS .545 o.d./ .309 i.d./ 3.000 LONG	\$ 5.25	1
BG .555 11/32 P	PHOSPHOROUS .555 o.d./ .342 i.d./ 2.420 LONG	\$ 7.88	1
BG .555 3/8 P	PHOSPHOROUS .555 o.d./ .372 i.d./ 2.420 LONG	\$ 7.88	1
BG .565 11/32 SS	SOFT STEEL .565 o.d./ .342 i.d./ 2.420 LONG	\$ 5.25	1
BG .745 11/32 CI	CAST IRON .745 o.d./ .342 i.d./ 2.420 LONG (BLANK)	\$ 5.25	1
BG .745 11/32 N	NICKEL .745 o.d./ .342 i.d./ 2.420 LONG (BLANK)	\$ 12.81	1
BG .745 11/32 SS	SOFT STEEL .745 o.d./ .342 i.d./ 2.420 LONG (BLANK)	\$ 5.25	1
BG .745 3/8 CI	CAST IRON .745 o.d./ .372 i.d./ 2.420 LONG (BLANK)	\$ 5.25	1
BG .745 3/8 NL	NICKEL .745 o.d./ .372 i.d./ 2.937 LONG (BLANK)	\$ 12.81	1
BG .745 3/8 SS	SOFT STEEL .745 o.d./ .372 i.d./ 2.420 LONG (BLANK)	\$ 5.25	1
BH .502 11/32 P	PHOSPHOROUS .502 o.d./ .340 i.d./ 2.420 LONG	\$ 11.70	1
BH .502 11/32 PL	PHOSPHOROUS .502 o.d./ .340 i.d./ 2.675 LONG TAPERED NOSE	\$ 11.70	1
BH .502 5/16 PL	PHOSPHOROUS .502 o.d./ .309 i.d./ 2.675 LONG TAPERED NOSE	\$ 11.70	1
BH .545 11/32 P	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.375 LONG	\$ 11.70	1
BH .545 11/32 PL	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.680 LONG	\$ 11.70	1
BH .545 11/32 PLE	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.875 LONG	\$ 11.70	1
BH .545 11/32 PLI	PHOSPHOROUS .545 o.d./ .340 i.d./ 3.000 LONG	\$ 11.70	1
BH .545 11/32 PWIL	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.375 LONG	\$ 11.70	1
BH .545 11/32 3X PE	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.375 LONG (3 XTRA SPECIAL)	\$ 11.70	1
BH .545 11/32 3X PI	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.375 LONG (3 XTRA SPECIAL)	\$ 11.70	1
BH .545 3/8 P	PHOSPHOROUS .545 o.d./ .372 i.d./ 2.375 LONG	\$ 11.70	1
BH .545 5/16 P	PHOSPHOROUS .545 o.d./ .309 i.d./ 2.420 LONG	\$ 11.70	1
BH .545 5/16 PL	PHOSPHOROUS .545 o.d./ .309 i.d./ 2.675 LONG	\$ 11.70	1
BH .545 5/16 PLE	PHOSPHOROUS .545 o.d./ .309 i.d./ 2.875 LONG	\$ 11.70	1
BH .545 5/16 PLI	PHOSPHOROUS .545 o.d./ .309 i.d./ 3.000 LONG	\$ 11.70	1
BH .547 11/32 P	PHOSPHOROUS .547 o.d./ .340 i.d./ 2.375 LONG	\$ 11.70	1
BH .565 11/32 P	PHOSPHOROUS .565 o.d./ .340 i.d./ 2.420 LONG	\$ 11.70	1
BH .565 11/32 PLE	PHOSPHOROUS .565 o.d./ .340 i.d./ 2.875 LONG	\$ 11.70	1
BH .565 11/32 PLI	PHOSPHOROUS .565 o.d./ .340 i.d./ 3.000 LONG	\$ 11.70	1
BH .565 5/16 PLE	PHOSPHOROUS .565 o.d./ .309 i.d./ 2.875 LONG	\$ 11.70	1
BH .565 5/16 PLI	PHOSPHOROUS .565 o.d./ .309 i.d./ 3.000 LONG	\$ 11.70	1
BH .603 11/32 P	PHOSPHOROUS .603 o.d./ .340 i.d./ 2.375 LONG	\$ 11.70	1
BH .603 11/32 PLE	PHOSPHOROUS .603 o.d./ .340 i.d./ 2.875 LONG	\$ 11.70	1
BH .603 11/32 PLI	PHOSPHOROUS .603 o.d./ .340 i.d./ 3.000 LONG	\$ 11.70	1
BH CIR 11/32 PE	CAST IRON REPLACEMENT EXHAUST	\$ 11.70	1
BH CIR 11/32 PI	CAST IRON REPLACEMENT INTAKE	\$ 11.70	1
BH CIR 3/8 PE	CAST IRON REPLACEMENT EXHAUST	\$ 11.70	1
BH CIR 3/8 PI	CAST IRON REPLACEMENT INTAKE	\$ 11.70	1
BHC .545 11/32 CIL	CAST IRON WITH LINER .545 o.d./ .340 i.d./ 2.375 LONG	\$ 36.00	1

**PARTS**



# VALVE GUIDES / SMALL BLOCK

SUPPLIED BY BRODIX® AND C.H.E.

NOTE: BRODIX® CAN MAKE ANY SIZE SPECIAL GUIDES WHEN ORDERED IN QUANTITIES OF 50 OR MORE.  
PLEASE CALL FOR PRICES AND DELIVERY.

PART #	DESCRIPTION	PRICE	PER
SG .502 5/16 O	NICKEL .502 o.d./ .309 i.d./ 2.000 LONG, NON-SERRATED, TAPERED NOSE	\$ 9.98	1
SG .504 5/16 N	NICKEL .504 o.d./ .309 i.d./ 2.000 LONG	\$ 12.81	1
SG .504 5/16 NO	NICKEL .504 o.d./ .309 i.d./ 2.000 LONG, TAPERED NOSE	\$ 12.81	1
SG .545 11/32 CI	CAST IRON .545 o.d./ .341 i.d./ 2.000 LONG	\$ 5.25	1
SG .545 11/32 CIP	CAST IRON .545 o.d./ .341 i.d./ 2.000 LONG, PRECISION	\$ 5.25	1
SG .545 11/32 NO	NICKEL .545 o.d./ .340 i.d./ 2.000 LONG, TAPERED NOSE	\$ 12.81	1
SG .545 3/8 CI	CAST IRON .545 o.d./ .372 i.d./ 2.000 LONG	\$ 9.98	1
SG .545 5/16 N	NICKEL .545 o.d./ .309 i.d./ 2.000 LONG	\$ 12.81	1
SG .547 11/32 N	NICKEL .547 o.d./ .342 i.d./ 2.000 LONG	\$ 12.81	1
SG .555 11/32 N	NICKEL .555 o.d./ .342 i.d./ 2.000 LONG	\$ 12.81	1
SG .565 11/32 CI	CAST IRON .565 o.d./ .341 i.d./ 2.000 LONG	\$ 5.25	1
SG .565 5/16 N	NICKEL .565 o.d./ .309 i.d./ 2.000 LONG	\$ 12.81	1
SG .603 11/32 NL	NICKEL .603 o.d./ .342 i.d./ 2.000 LONG	\$ 12.81	1
SG .620 11/32 N	NICKEL .620 o.d./ .342 i.d./ 2.000 LONG	\$ 12.81	1
SG .620 11/32 NO	NICKEL .620 o.d./ .342 i.d./ 2.000 LONG, TAPERED NOSE	\$ 12.81	1
SG .745 11/32 N	NICKEL .745 o.d./ .342 i.d./ 2.000 LONG	\$ 12.81	1
SH .502 11/32 P	PHOSPHOROUS .502 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .502 11/32 PL	PHOSPHOROUS .502 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .502 5/16 P7	PHOSPHOROUS .502 o.d./ .309 i.d./ 2.000 LONG	\$ 11.70	1
SH .504 11/32 P	PHOSPHOROUS .504 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .545 11/32 P	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .545 11/32 PL	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .545 11/32 PLWBMC	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .545 11/32 PWBMC	PHOSPHOROUS .545 o.d./ .340 i.d./ 2.145 LONG	\$ 11.70	1
SH .545 5/16 P	PHOSPHOROUS .545 o.d./ .309 i.d./ 2.000 LONG	\$ 11.70	1
SH .545 5/16 PL	PHOSPHOROUS .545 o.d./ .309 i.d./ 2.250 LONG	\$ 11.70	1
SH .547 11/32 P	PHOSPHOROUS .547 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .547 11/32 PL	PHOSPHOROUS .547 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .565 11/32 P	PHOSPHOROUS .565 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .565 11/32 PL	PHOSPHOROUS .565 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .565 5/16 P	PHOSPHOROUS .565 o.d./ .309 i.d./ 2.000 LONG	\$ 11.70	1
SH .580 11/32 P	PHOSPHOROUS .580 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .580 11/32 PL	PHOSPHOROUS .580 o.d./ .340 i.d./ 2.250 LONG	\$ 11.70	1
SH .580 11/32 PW	PHOSPHOROUS .580 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .603 11/32 P	PHOSPHOROUS .603 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SH .625 11/32 P	PHOSPHOROUS .625 o.d./ .340 i.d./ 2.000 LONG	\$ 11.70	1
SHC .502 5/16 AKM	MANGANESE .502 o.d./ .309 i.d./ 2.350 LONG	\$ 13.44	1
SHC .502 5/16 AKML	MANGANESE .502 o.d./ .308 i.d./ 2.750 LONG	\$ 13.44	1
SHC .502 5/16 AKMW	MANGANESE .502 o.d./ .308 i.d./ 2.500 LONG	\$ 13.44	1
SHC .545 11/32 CIL	CAST IRON WITH LINER .545 o.d./ .340 i.d./ 2.000 LONG	\$ 35.00	1
SHC .545 11/32 M	MANGANESE .545 o.d./ .340 i.d./ 2.000 LONG	\$ 13.44	1
SHC .545 11/32 MG	MANGANESE .545 o.d./ .3385 i.d./ 2.075 LONG	\$ 13.44	1
SHC .545 11/32 ML	MANGANESE .545 o.d./ .340 i.d./ 2.250 LONG	\$ 13.44	1
SHC .545 11/32 MGIL	MANGANESE .545 o.d./ .3385 i.d./ 2.325 LONG, TAPERED	\$ 13.44	1
SHC .545 11/32 MGL	MANGANESE .545 o.d./ .340 i.d./ 2.325 LONG	\$ 13.44	1
SHC .545 11/32 MGXL	MANGANESE .545 o.d./ .340 i.d./ 2.575 LONG	\$ 13.44	1
SHC .545 11/32 MBL	MANGANESE .545 o.d./ .340 i.d./ 2.600 LONG	\$ 13.44	1
SHC .545 5/16 M	MANGANESE .545 o.d./ .309 i.d./ 2.000 LONG	\$ 13.44	1
SHC .545 5/16 MG	MANGANESE .545 o.d./ .308 i.d./ 2.075 LONG	\$ 13.44	1
SHC .545 5/16 MGIL	MANGANESE .545 o.d./ .308 i.d./ 2.325 LONG, TAPERED	\$ 13.44	1
SHC .545 5/16 MGL	MANGANESE .545 o.d./ .308 i.d./ 2.325 LONG	\$ 13.44	1
SHC .545 5/16 ML	MANGANESE .545 o.d./ .308 i.d./ 2.250 LONG	\$ 13.44	1
SHC .545 5/16 MGXL	MANGANESE .545 o.d./ .308 i.d./ 2.575 LONG	\$ 13.44	1
SHC .545 5/16 MBL	MANGANESE .545 o.d./ .309 i.d./ 2.600 LONG	\$ 13.44	1
SHC .547 11/32 M	MANGANESE .547 o.d./ .340 i.d./ 2.000 LONG	\$ 13.44	1
SHC .547 11/32 MGL	MANGANESE .547 o.d./ .340 i.d./ 2.325 LONG	\$ 13.44	1
SHC .547 5/16 M	MANGANESE .547 o.d./ .308 i.d./ 2.000 LONG	\$ 13.44	1
SHC .547 5/16 MGL	MANGANESE .547 o.d./ .308 i.d./ 2.325 LONG	\$ 13.44	1
SHC .565 11/32 M	MANGANESE .565 o.d./ .340 i.d./ 2.000 LONG	\$ 13.44	1
SHC .565 11/32 MG	MANGANESE .565 o.d./ .3385 i.d./ 2.075 LONG	\$ 13.44	1
SHC .565 11/32 MGL	MANGANESE .565 o.d./ .340 i.d./ 2.325 LONG	\$ 13.44	1
SHC .565 11/32 ML	MANGANESE .565 o.d./ .340 i.d./ 2.250 LONG	\$ 13.44	1
SHC .565 5/16 M	MANGANESE .565 o.d./ .308 i.d./ 2.000 LONG	\$ 13.44	1
SHC .565 5/16 MG	MANGANESE .565 o.d./ .308 i.d./ 2.075 LONG	\$ 13.44	1
SHC .565 5/16 MGL	MANGANESE .565 o.d./ .308 i.d./ 2.325 LONG	\$ 13.44	1
SHC .565 5/16 MGXL	MANGANESE .565 o.d./ .310 i.d./ 2.575 LONG	\$ 13.44	1



# BRODIX® T-SHIRTS

MS TS	BRODIX DESIGN	CHILD 10-16	\$ 15.00
		ADULT S-4XL	\$ 15.00
MS BLACK T	SHORT SLEEVE BLACK	ADULT S-3XL	\$ 15.00
MS T LONG SLEEVE	LONG SLEEVE BLACK	ADULT S-3XL	\$ 20.00

MS BLACK T



MS TS



MS COTTON HAT



MS STOOL

MS HJ



## BRODIX® JACKETS

MS HJ	HOODED JACKET WITH EMBROIDERED LOGO	ADULT S-3XL	\$ 65.00
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## BRODIX® SWEATSHIRTS

MS BLACK SS	BLACK SWEATSHIRT WITH SCREEN PRINT LOGO	ADULT S-3XL	\$ 25.00
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## BRODIX® BARSTOOL

MS STOOL	BRODIX LOGO STOOL	HEIGHT 30"	\$ 50.00
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## BRODIX® HATS

MS HAT	YELLOW AND BLACK HAT	\$ 13.00
MS COTTON HAT	BLACK TWILL HAT	\$ 13.00
MS EMB HAT	BROWN CANVAS HAT	\$ 13.00

## BRODIX® DECALS AND PATCHES

MS EP	BRODIX ALUMINUM BLOCKS (4" X 8") LOGO
	BRODIX CYLINDER HEADS (4" X 8") LOGO
	BRODIX CYLINDER HEADS (5" X 16") LOGO
	DYE-CUT BRODIX LOGO (RED, WHITE)
	EMBROIDERED YELLOW LOGO ON BLACK PATCH

**NEW**

MS HAT

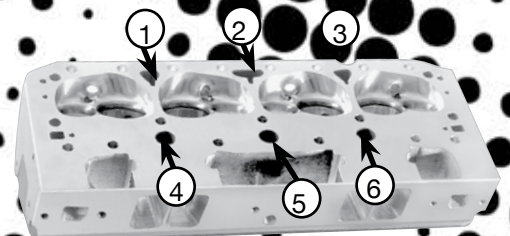


# ALUMINUM CYLINDER HEAD OPTIONS

PART#	PRICE
<b>PS MINOR PORTING (SMALL BLOCK)</b> - COMPETITION RADIUS VALVE JOB, INTAKE PORTS MATCHED AND TRANSITIONED 2" INTO RUNNER, CHAMBERS POLISHED AND WORKED TO SPECIFIC cc, ANGLE MILLED, BOWLS CLEANED, PROFILED AND POLISHED EXHAUST PORTS (COMPLETELY ASSEMBLED IF PARTS ARE PURCHASED OR PROVIDED)	\$ 1,206.00
<b>PS MINOR PORTING (BIG BLOCK)</b> - COMPETITION RADIUS VALVE JOB, INTAKE PORTS MATCHED AND TRANSITIONED 2" INTO RUNNER, CHAMBERS POLISHED AND WORKED TO SPECIFIC cc, ANGLE MILLED, BOWLS CLEANED, PROFILED AND POLISHED EXHAUST PORTS (COMPLETELY ASSEMBLED IF PARTS ARE PURCHASED OR PROVIDED)	\$ 1,446.80
<b>PS COMPLETE PORTING (SMALL BLOCK)</b> - ABOVE MINOR PORTING PLUS FURTHER PORTING OF INTAKE AND EXHAUST RUNNERS, CHAMBERS COMPLETELY POLISHED WITH FLOW SHEET PROVIDED	\$ 2,411.30
<b>PS COMPLETE PORTING (BIG BLOCK)</b> - ABOVE MINOR PORTING PLUS FURTHER PORTING OF INTAKE AND EXHAUST RUNNERS, CHAMBERS COMPLETELY POLISHED WITH FLOW SHEET PROVIDED	\$ 2,772.00
<b>PS VALVE JOB (SMALL OR BIG BLOCK)</b> - COMPETITION RADIUS VALVE JOB AND GUIDES HONED	\$ 362.30
<b>SS ANGLE MACHINE (SMALL OR BIG BLOCK)</b> - MILLED ON AN ANGLE BEFORE BOLT HOLES ARE DRILLED IN HEADS, INTAKE FLANGE ANGLE CORRECTED TO MATCH	\$ 302.30
<b>SS ANGLE MILL (SMALL OR BIG BLOCK)</b> - MILLED AFTER BOLT HOLES ARE DRILLED, INTAKE FLANGE ANGLE CORRECTED TO MATCH, HEAD BOLT HOLES SPOT FACED	\$ 241.50
<b>SS MD INJ (SMALL BLOCK ONLY)</b> - HOLES DRILLED FOR DOWN NOZZLE INJECTORS	\$ 278.30
<b>SS STAHL (SMALL BLOCK ONLY)</b> - STAHL EXHAUST PATTERN DRILLED ON A STANDARD OR SPREAD PORT EXHAUST FLANGE (NOT AVAILABLE ON TRACK 1)	\$ 121.50
<b>SS STEAM (SMALL BLOCK ONLY)</b> - STEAM HOLES DRILLED IN HEADS FOR STREET USE ON 400 SMALL BLOCK	\$ 255.00
<b>MS SOLID HEAD</b> - SOLID CASTINGS OPTION	\$ 544.50
<b>PS CSA (SMALL OR BIG BLOCK)</b> - VALVE ANGLES ROUGH CUT INTO THE SEATS, SPECIFY VALVE SIZE, DIAMETER IS LEFT SMALL (THIS IS NOT A VALVE JOB)	\$ 121.50
<b>SS HT</b> - HEAT TREATING ONLY, DOES NOT INCLUDE ANY FINISHED WORK	\$ 303.00
<b>PS MI</b> - MATCH INTAKE PORTS TO GASKET	\$ 121.50
<b>PS MI M</b> - MATCH INTAKE MANIFOLD TO HEADS	\$ 191.30
<b>SS CC</b> - CNC MACHINE PORT AND POLISH COMBUSTION CHAMBERS, ANGLE MILLING NOT INCLUDED	\$ 259.50
<b>PS CC</b> - HAND PORT AND POLISH COMBUSTION CHAMBERS, ANGLE MILLING NOT INCLUDED	\$ 435.80
<b>PS CB</b> - CLEAN VALVE BOWLS	\$ 121.50
<b>SS CF</b> - CORE FILING (CORE FILE SHEET MUST BE PROVIDED)	\$ 255.00
<b>PS PKG WK</b> - CLEAN BOWLS, MATCH INTAKE PORTS, AND VALVE JOB BARE HEADS	\$ 482.30
<b>SS CUT REC GROOVES</b> - MACHINE RECEIVER GROOVES IN HEADS	\$ 423.00
<b>SS MACH 10 DEG DECK HOLES (BIG BLOCK)</b> - MACHINE 10° DECK HOLES FOR EXTRA CLAMPING	\$ 119.30
<b>SS HELI COIL EXH</b> - HELICOIL EXHAUST	\$ 119.30
<b>SS HARD ANODIZE</b> - HARD ANODIZING FOR SALT WATER PROTECTION	\$ 975.00
<b>SS POLISH SB</b> - OUTSIDE POLISH OF SMALL BLOCK HEADS	\$ 381.80
<b>SS POLISH BB</b> - OUTSIDE POLISH OF BIG BLOCK HEADS	\$ 507.80

## OPTIONAL WATER CIRCULATION HOLES FOR SMALL BLOCK ENGINES

BRODIX heads do not have steam holes drilled in them; however, the head gasket can be modified to eliminate the need for steam holes. This example shows six holes in the deck of a BRODIX small block head. Lay a head gasket on the deck, noting where the gasket covers the holes in the deck; punch 3/8" holes in the head gasket. This procedure can be done to both head gaskets to improve water circulation.



MISCELLANEOUS

# CYLINDER HEAD REPAIR INFORMATION

An important advantage of a BRODIX aluminum head is the reliability. However, in the event of component failure resulting in head damage, the prime consideration is "Can I get speedy, economical repairs performed?" BRODIX offers a complete repair service.

We save 98% of the repairs returned to us. Estimates will be given, if requested, after examination of the heads.

Cost estimates are not given over the phone under any circumstances without examination of the heads. Please send a well written note along with your repair, explaining what you would like done. Please do not assume that we will catch everything. For example, cosmetic dings, bumps, and small cracks may not be repaired unless structural damage has occurred. **Please, let us know the details.** The note should have your complete address, telephone number, and shipping instructions for your completed repair. All repair heads are pressure checked for leaks. If you have any water or cosmetic problems you would like fixed, make a note of this.

All valve jobs are vacuum tested. If your repair requires a complete valve job and reassembly, we will need the cam specs and valve sizes.

In most cases it is suggested that you send in your repair heads unassembled. Although, in some instances it is necessary for BRODIX to have heads returned assembled so that the cause of the damage may be determined. If you have any questions please call.

Heads requiring a valve job take longer to repair. Unassembled heads should be cleaned before sending them to BRODIX. Do not put heads in vat tanks to clean, this will prevent the heads from having a good welding surface. Please clean heads with either a sandblaster or soap and water.

**When sending a Spec head in for repair please designate your sanctioning body or track affiliation.**

## ATTENTION : VALVE SPRING WARNING FOR ALL PACKAGES

On all complete packages, it is very possible that your valve springs are not correct for your camshaft. All valve springs should be checked for compatibility to your camshaft. Severe wear of valve train components and severe engine damage could result from failure to do this. Check spring requirements before heads are installed on the engine. BRODIX requires you to supply the valve springs for any engine that has a flat tappet camshaft with over .615 valve lift.

**IF YOU NEED TECHNICAL ASSISTANCE,  
CALL 479-394-1075 Thank You For Buying BRODIX!**

## WARRANTY DISCLAIMER

No warranties of any nature (expressed, implied, fitness of usage or merchantability) are given on these products. Seller undertakes no responsibility for any product sold. Additional disclaimers are within and are binding upon this contract. Due to the intended usage of products offered, all products are sold on an "as-is" basis, and no warranties of any kind, whether written or oral are made by Brodix, Inc., its agents or employees. All implied warranties, including the implied warranties of merchantability and fitness are expressly excluded, and the buyer bears the entire risk as to quality performance and use of these products. Brodix, Inc. will assume no responsibility of personal injury, labor or other injury arising out of the usage of high performance racing parts or products. Any defective part will be handled between the original manufacturer and the buyer. Brodix, Inc. reserves the right to change specifications, prices and discontinue parts without notice. Installation of Brodix heads may adversely affect the vehicle manufacturer's warranties, and may violate State and Federal laws when vehicles so equipped are operated other than strictly off-highway. Brodix reserves the right to discontinue any product at its sole discretion and without any liability with respect to similar products already in the field. Some parts are not legal for sale or use on pollution controlled motor vehicles.

**WHILE OUR PRODUCTS ARE USED ON MANY SUPER-CHARGED APPLICATIONS SUCCESSFULLY, PLEASE BE AWARE THAT THERE IS A GREATER POTENTIAL FOR ENGINE DAMAGE DUE TO THE POSSIBILITY OF TUNING ERRORS.**

**As of January 1, 2011, all BRODIX heads (excluding IK®, ASCS, and SUPR castings) sold as bare castings will include the valve bowls blended, the intake ports matched, and a competition valve job.**

All seats and guides will be removed if heads are to be heat treated. New seats and guides will be installed with an additional labor charge. If there is additional seat work to be done, make a note or there will be no seat angles cut after the seats have been replaced.

We do not repair any other brand of aluminum heads. All epoxy will be lost during the welding and heat treating processes. BRODIX cannot heat treat any other brand of aluminum heads other than BRODIX.

It is necessary to recheck combustion chambers and valve to piston clearance because BRODIX resurfaces the heads upon repair. We highly recommend that no one other than BRODIX weld on your cylinder heads because this normally causes problems. For example, welding could ruin the heads by making them soft or leaving pits of contamination.

Unless BRODIX does a valve job on your repair, cylinder heads will be returned unassembled.

BRODIX will replace any worn parts if requested. We can ship you the oversize or replacement parts if you can perform your own repair work. Guides are available in virtually all materials. Seats are available in ductile iron, Ampco 45, and tungsten steel.

**BRODIX®**

SHIP  
REPAIRS  
TO: **Attn: Repair Dept.  
301 Maple Ave. • Mena, AR 71953  
(479) 394-1075 FAX: (479) 394-1996**



# HOW TO ORDER LIKE A PRO

Here are some handy tips that will allow our sales department to ensure that you receive exactly what you need without problems or delay.

- 1.) If you are a BRODIX customer, please have your customer number ready when you call. Please write it down for future reference.
- 2.) Have your complete mailing and shipping addresses ready. Include: name, name of business, street address, and zip or postal codes. Please specify all correct spellings.
- 3.) Remember, it is best to ship your order to an address where someone is able to receive it. Having the UPS driver leave thousands of dollars worth of parts on your front porch is a sure way to create problems.
- 4.) Please have your order ready when you call. Give part numbers when possible. If you are uncertain as to the correct parts you need, one of our technicians will help you with your order.
- 5.) All first time customers must prepay with Credit Card, Postal Money Order, or Cashier's Check.
- 6.) We accept Credit Cards, Postal Money Orders, or Cashier's Checks with no waiting time for prepayment. Any other form of prepayment has a two week waiting period (Certified Check, Company or Personal Check, Official Check, Money Order, etc.) for the check to clear the bank. After prepayment has cleared the bank, your order will be processed as soon as it is available to ship. If you choose to prepay with a Credit Card, we need the following to process your order: your name as it appears on your card, card number, expiration date and the bill-to address for your card.
- 7.) A daytime phone number is required. We need some way to reach you during normal business hours if a problem arises with your order.

**Notice: If your order is in stock and you need it shipped the same day, you must call before 11:00 a.m. CST; and we will do our best to ship the order that day.**

BRODIX makes every effort to ship all in stock orders within 24 hours, but please plan ahead and allow sufficient time for your parts to get to you. (See UPS delivery map below)

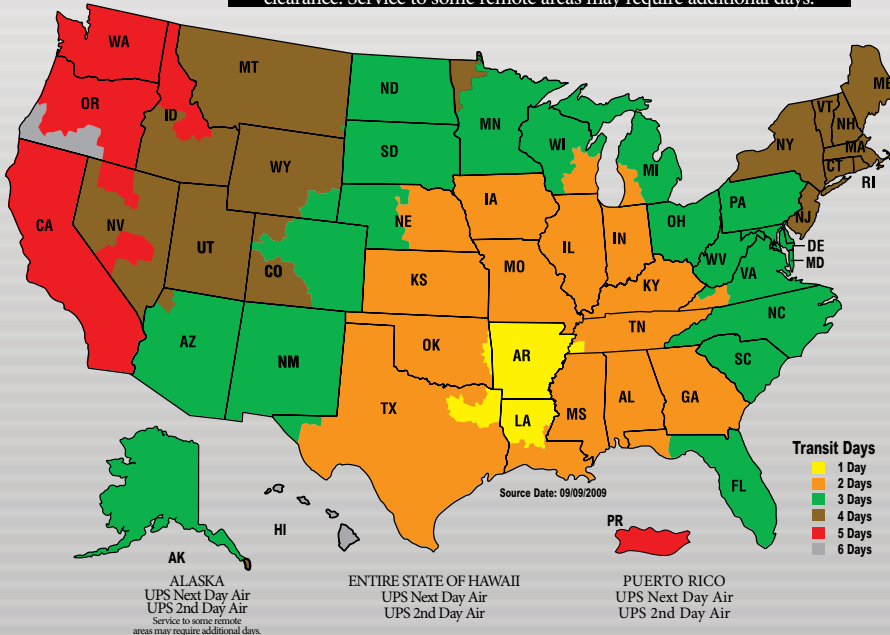
## TERMS

**Insufficient checks must be replaced with Cashier's Checks. Customers will be responsible for any collection fees and/or bank charges.**

Credit Card	Mastercard, Visa, American Express, and Discover are accepted for payment if the order is shipped to the billing address on the card. In order to process a credit card order, we need the card number, expiration date, name on the card, and the bill-to address of the card.
C.O.D. Cash	Payments accepted for C.O.D. Cash shipments are Cashier's Check or Postal Money Order.
C.O.D. Check	Company Check acceptance must be pre-approved through our credit department. Our sales personnel cannot change your account payment status. Please do not ask! Only checks from a company that has been approved for C.O.D. Check will be accepted as payment.
Prepayment	Prepayment will save you the C.O.D. fee. Prepayment can be made by Credit Card, Wire Transfer, Postal Money Order, or Cashier's Check. Payments made with Certified Check, Company or Personal Check, Official Check, Money Order, etc. will delay your order a minimum of 16 days until the check has cleared our bank. If wiring money, please call for details on fees and account numbers.
Open Account	Terms for all open accounts are Net 30 Days. Payments are due 30 days from <u>date of invoice</u> . Past due accounts are subject to be changed to C.O.D status.

We offer UPS NEXT DAY AIR, UPS 2nd DAY AIR, UPS 3 DAY SELECT, and UPS GROUND SERVICE.  
UPS Scheduled delivery days from Mena, AR

Canadian service area extends north  
Scheduled delivery days to Canada include one day for normal customs clearance. Service to some remote areas may require additional days.



MISCELLANEOUS

## ORDERING OUTSIDE THE CONTINENTAL US

No C.O.D. orders will be shipped outside the continental United States. All orders must be prepaid in U.S. dollars from a U.S. bank account. Wire transfers are preferred. If wiring money, please call for details on fees and account numbers. Any additional duty or tariffs will be the responsibility of the purchaser. If the freight charges will be prepaid, please call for the amount.

## SPECIAL ORDERS

All special orders must be 100% prepaid. All special orders are NON-RETURNABLE and NON-REFUNDABLE.

## PRICES

Every effort possible will be made to hold published prices; however, all prices are subject to change without notice. We cannot accept responsibility for printing errors in price listings.

## RETURNS

No merchandise will be accepted for return without prior authorization. Special orders are not returnable. A 15% restocking charge will be applied to all returns. No returns accepted 30 days after invoice date.

## REFUSED SHIPMENTS

All expenses resulting from a refused shipment will be the responsibility of the customer. Notice will be sent regarding this amount, and the amount will be carried as a balance due. Further shipments will not be made until BRODIX is reimbursed for the expense. In order for us to reship an order that has been refused, the full amount plus the refused freight must be prepaid.

## SHIPPING AND HANDLING CHARGES

The freight charge for your order will be made up of the following costs:

1. HANDLING CHARGES	COST OF ORDER
\$4.75	0 - \$100.00
\$3.75	\$101.00 - \$200.00
\$2.75	\$201.00 - \$400.00
\$1.75	\$401.00 - \$800.00
No Charge	\$801.00 and above
2. C.O.D. Fee (\$11.00 per box)	
3. U.P.S. Freight and Insurance Charges	

## CLAIMS

All merchandise is counted and cleared by quality control prior to shipment. Claims for damage, shortage, and loss in transit must be made within five days of receipt to both the freight carrier and BRODIX.

Mailing Address: Brodix, Inc.  
P.O. Box 1347  
Mena, AR 71953

Shipping Address: Brodix, Inc.  
301 Maple Ave.  
Mena, AR 71953

Order, Tech, and Information Line:  
Phone (479) 394-1075 (8:00 a.m. thru 5:00 p.m. CST)  
24-hour Fax (479) 394-1996

## DISCLAIMER

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## PRODUCT SUPPLIER ABBREVIATIONS

PRODUCT SUPPLIER ABBREVIATIONS	AA - AAI	FP - FEDERAL MOGUL FEL-PRO	PI - PIONEER
	AL - AUTOLITE	GA - GAERTE ENGINES	PS - BRODIX PORTING SHOP
	AR - ARP	HV - HIGH VELOCITY	SA - SONNY'S AUTOMOTIVE
	AT - ATI	IS - ISKY	SB - SUMMERS BROS.
	B1 - KOFFEL'S PLACE	JR - JR MFG.	SC - SCE GASKETS
	BR - BRODIX	JS - JESEL	SD - SCOGGIN DICKEY
	BT - BULLET CAMS	KC - KEITH CRAFT RACING ENGINES, INC.	SE - SELF RACING HEADS
	BX - SCI TEX TRICK TITANIUM VALVES	KM - K-MOTION	SHC - C.H.E. PRECISION INC.
	CC - COMPETITION CAMS	MA - MANLEY	SI - SCORPION INDUSTRIES
	CG - MONTCO MANUFACTURING	MG - MONTCO MANUFACTURING	SN - DURA-BOND
	CH - CHAMPION	MO - MOROSO	SS - BRODIX SHOP SERVICE
	CO - COMETIC GASKETS	MS - MISCELLANEOUS	STS - JEFF COLVERT RACING LLC
	CR - CROWER CAMS	NG - NGK	TD - T&D
	DT - DITTMER IND.	NK - NICKELS PERFORMANCE	TS - TOTAL SEAL
	DW - DEL WEST		US - U.S. SEAL CO.
	FG - FLATOUT GROUP		WP - WELD TECH PORTED

### Important Notice

This catalog has been completed using our best efforts. We assume no liability for errors contained herein. Our website is updated on a regular basis and can be used to supplement the information contained herein.

It is the responsibility of the installer to ensure that all of the products are correct before installation. Proper assembly always requires that the installer measure all tolerances for proper clearance. We assume no liability for any errors made in product selection or installation.

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