

# DIAMOND *Pistons*



**2020**  
*NEW PRODUCT BROCHURE*

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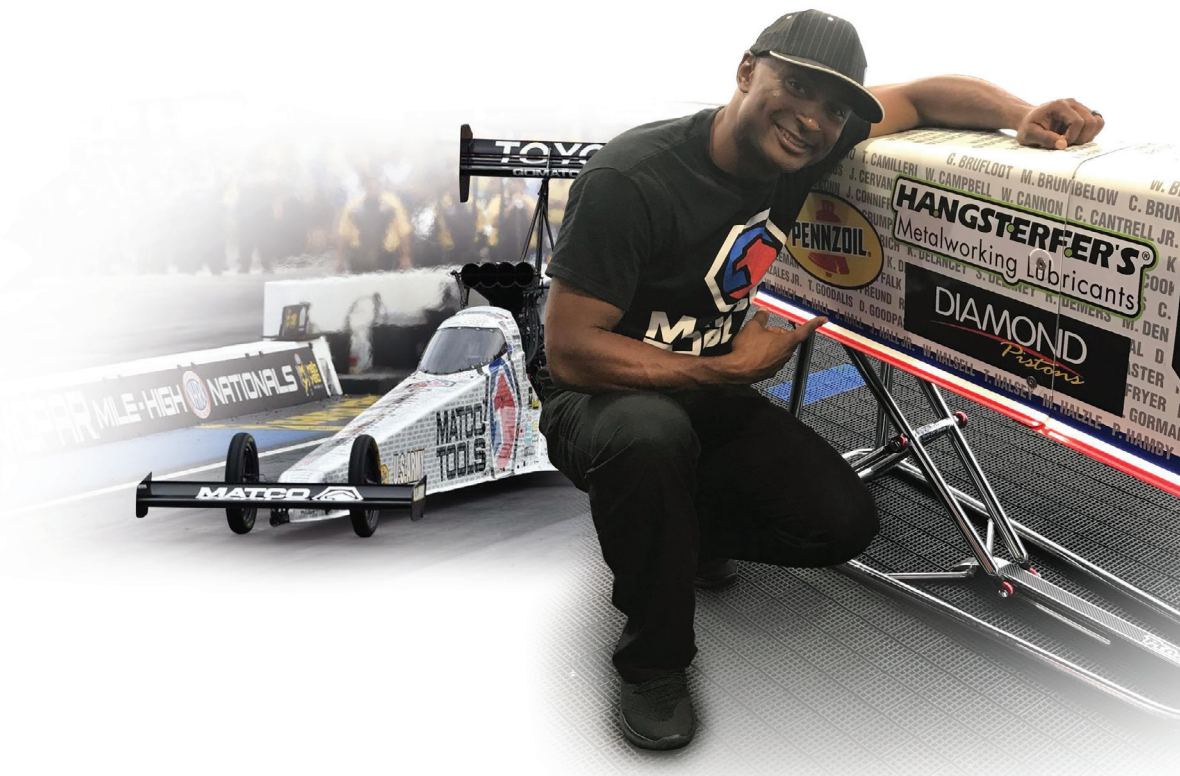
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## FORD MODULAR 4.6L 2V COMPETITION SERIES

- Designed to be used with SOHC cylinder heads
- 3D milling on piston crowns for a ready to install finish
- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .280"
- Ratios figured for .036 head gasket @ 8.937 Deck
- Premium ring package 1.2mm x 1.5mm x 3.0mm ring package included
- Premium 8620 .180W wrist pins chamfered for roundwire locks included
- Oversized valve pockets - for larger than stock valve sizes
- Valve pocket depth: 0.151" intake and 0.050" exhaust
- Made from 2618 alloy

4.6L Block: 3.552 Std Bore 3.543 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	45cc	51cc	55cc	Ring Set	Part #
3.552	3.543	5.933	1.220	call	.866 x 2.500	-1.5cc	11.3	10.3	9.7	09403552	30400-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-1.5cc	11.3	10.3	9.8	09403562	30401-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-1.5cc	11.4	10.4	9.8	09403572	30402-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	10.9	10.0	9.5	09403552	30403-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	11.0	10.1	9.5	09403562	30404-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	11.0	10.1	9.6	09403572	30405-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-7.0cc	10.4	9.5	9.1	09403552	30406-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-7.0cc	10.4	9.6	9.1	09403562	30407-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-7.0cc	10.5	9.6	9.1	09403572	30408-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.7	9.0	8.6	09403552	30409-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.8	9.0	8.6	09403562	30410-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.8	9.1	8.7	09403572	30411-R1

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## FORD MODULAR 4.6L 3V COMPETITION SERIES

- Designed to be used with 2005-2010 3V SOHC cylinder heads
- 3D milling on piston crowns for a ready to install finish
- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .280"
- Ratios figured for .036 head gasket @ 8.937 Deck
- Premium ring package 1.2mm x 1.5mm x 3.0mm ring package included
- Premium 8620 .180W wrist pins chamfered for roundwire locks included
- Oversized valve pockets - for larger than stock valve sizes
- Valve pocket depth: 0.000" intake and 0.075" exhaust
- Made from 2618 alloy

4.6L Block: 3.552 Std Bore 3.543 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	45cc	51cc	55cc	Ring Set	Part #
3.552	3.543	5.933	1.220	call	.866 x 2.500	-0.6cc	11.1	10.1	9.8	09403552	30424-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-0.6cc	11.1	10.2	9.9	09403562	30425-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-0.6cc	11.2	10.2	9.9	09403572	30426-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-5.0cc	10.4	9.5	9.3	09403552	30427-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-5.0cc	10.4	9.6	9.3	09403562	30428-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-5.0cc	10.5	9.6	9.4	09403572	30429-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-9.5cc	9.7	9.0	8.8	09403552	30430-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-9.5cc	9.8	9.0	8.8	09403562	30431-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-9.5cc	9.8	9.1	8.9	09403572	30432-R1

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## FORD MODULAR 4.6L 4V COMPETITION SERIES

- Designed to be used with DOHC cylinder heads
- 3D milling on piston crowns for a ready to install finish
- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .280"
- Ratios figured for .036 head gasket @ 8.937 Deck
- Premium ring package 1.2mm x 1.5mm x 3.0mm ring package included
- Premium 8620 .180W wrist pins chamfered for roundwire locks included
- Oversized valve pockets - for larger than stock valve sizes
- Valve pocket depth: 0.151" intake and 0.050" exhaust
- Made from 2618 alloy

4.6L Block: 3.552 Std Bore 3.543 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	45cc	51cc	55cc	Ring Set	Part #
3.552	3.543	5.933	1.220	call	.866 x 2.500	-2.0cc	11.2	10.2	9.7	09403552	30412-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-2.0cc	11.3	10.3	9.7	09403562	30413-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-2.0cc	11.3	10.3	9.8	09403572	30414-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	10.9	10.0	9.5	09403552	30415-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	10.0	10.1	9.5	09403562	30416-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-3.5cc	11.0	10.1	9.6	09403572	30417-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-7.5cc	10.3	9.5	9.0	09403552	30418-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-7.5cc	10.3	9.5	9.0	09403562	30419-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-7.5cc	10.4	9.6	9.1	09403572	30420-R1
3.552	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.7	9.0	8.6	09403552	30421-R1
3.562	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.8	9.0	8.6	09403562	30422-R1
3.572	3.543	5.933	1.220	call	.866 x 2.500	-11.5cc	9.8	9.1	8.7	09403572	30423-R1

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## FORD MODULAR 5.4L COMPETITION SERIES

- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .280"
- Ratios figured for .036 head gasket @ 10.079 Deck
- Premium ring package 1.2mm x 1.5mm x 3.0mm ring package included
- Premium 8620 .180W wrist pins chamfered for roundwire locks included
- Valve pocket depth: 0.000" intake and 0.000" exhaust
- Made from 2618 alloy

5.4L Block: 3.552 Std Bore 4.165 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	45cc	51cc	55cc	Ring Set	Part #
3.552	4.165	6.657	1.330	call	.866 x 2.500	-11.5cc	11.3	10.5	10.0	09403552	30433-R1
3.562	4.165	6.657	1.330	call	.866 x 2.500	-11.5cc	11.4	10.5	10.0	09403562	30434-R1
3.572	4.165	6.657	1.330	call	.866 x 2.500	-11.5cc	11.4	10.6	10.1	09403572	30435-R1
3.552	4.165	6.657	1.330	call	.866 x 2.500	-15.0cc	10.8	10.0	9.6	09403552	30436-R1
3.562	4.165	6.657	1.330	call	.866 x 2.500	-15.0cc	10.9	10.1	9.6	09403562	30437-R1
3.572	4.165	6.657	1.330	call	.866 x 2.500	-15.0cc	10.9	10.1	9.7	09403572	30438-R1
3.552	4.165	6.657	1.330	call	.866 x 2.500	-20.0cc	10.1	9.5	9.1	09403552	30439-R1
3.562	4.165	6.657	1.330	call	.866 x 2.500	-20.0cc	10.2	9.5	9.1	09403562	30440-R1
3.572	4.165	6.657	1.330	call	.866 x 2.500	-20.0cc	10.2	9.6	9.1	09403572	30441-R1
3.552	4.165	6.657	1.330	call	.866 x 2.500	-25.0cc	9.6	9.0	8.6	09403552	30442-R1
3.562	4.165	6.657	1.330	call	.866 x 2.500	-25.0cc	9.6	9.0	8.6	09403562	30443-R1
3.572	4.165	6.657	1.330	call	.866 x 2.500	-25.0cc	9.7	9.1	8.7	09403572	30444-R1

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## SMALL BLOCK CHEVY 21°/23° FLAT TOP COMPETITION SERIES

- 3D milling on piston crowns for a ready to install finish
- Inboard forging design for maximum strength
- Valve pockets designed to work with most aftermarket 21°-23° cylinder heads
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .180"
- Ratios figured for .040 head gasket @ 9.000 Deck
- Standard ring package 1.0mm x 1.0mm x 3.0mm
- Premium 8620 .155W wrist pins included chamfered for roundwire locks
- Valve pocket depth: 0.325" intake and .231" exhaust
- Will work with up to a intake valve size of 2.150" and exhaust valve size of 1.625"
- Made from 2618 alloy and designed for applications up to 900hp

350 Block: 4.000 Std Bore 3.480 Std Stroke							COMPRESSION RATIO				
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.030	3.480	5.700	1.550	call	.927 x 2.350	-5.3cc	10.7	10.0	9.4	09874030	10200
4.040	3.480	5.700	1.550	call	.927 x 2.350	-5.3cc	10.8	10.0	9.4	09874040	10201
4.060	3.480	5.700	1.550	call	.927 x 2.350	-5.3cc	10.9	10.1	9.5	09874060	10202
4.030	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	10.7	10.0	9.4	09874030	10203
4.040	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	10.8	10.0	9.4	09874040	10204
4.060	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	10.9	10.1	9.5	09874060	10205
4.030	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	11.8	11.0	10.2	09874030	10206
4.040	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	11.8	11.0	10.3	09874040	10207
4.060	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	11.9	11.1	10.4	09874060	10208
4.030	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.1	11.3	10.5	09874030	10209
4.040	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.2	11.3	10.6	09874040	10210
4.060	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.3	11.4	10.7	09874060	10211
4.030	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	12.5	11.6	10.9	09874030	10212
4.040	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	12.5	11.7	10.9	09874040	10213
4.060	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	12.7	11.8	11.0	09874060	10214

400 Block: 4.125 Std Bore 3.750 Std Stroke							COMPRESSION RATIO				
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.125	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	11.1	10.4	9.7	09874125	10215
4.155	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	11.3	10.5	9.9	09874155	10216
4.165	3.480	6.000	1.250	call	.927 x 2.350	-5.3cc	11.3	10.6	9.9	09874165	10217
4.125	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	12.2	11.4	10.7	09874125	10218
4.155	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	12.4	11.5	10.8	09874155	10219
4.165	3.750	6.000	1.125	call	.927 x 2.350	-5.3cc	12.5	11.6	10.8	09874165	10220
4.125	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.6	11.7	10.9	09874125	10221
4.155	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.7	11.9	11.1	09874155	10222
4.165	3.875	6.000	1.062	call	.927 x 2.350	-5.3cc	12.8	11.9	11.1	09874165	10223
4.125	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	13.0	12.1	11.3	09874125	10224
4.155	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	13.2	12.2	11.4	09874155	10225
4.165	4.000	6.000	1.000	call	.927 x 2.350	-5.3cc	13.2	12.3	11.5	09874165	10226

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## BIG BLOCK CHEVY 20° COMPETITION SERIES

- Designed for use with Brodix SR20 and Dart 20° cylinder heads
- Vertical gas ports for maximum ring seal
- Inboard forging design for maximum strength
- Suitable for small to medium nitrous applications
- Moly skirt coating for friction loss and skirt wear protection
- Premium .043 x .043 x 3.0 ring package
- H-13 tool steel .185W wrist pins included
- Top ring down dimension: .295"
- Will work with up to a intake valve size of 2.400" and exhaust valve size of 1.800"
- Valve pocket depth: 0.345" intake and -.030" exhaust
- Made from 2618 alloy

454 Block: 4.250 Std Bore 4.000 Std Stroke							COMPRESSION RATIO			
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	95cc	Ring Set	Part #	
4.600	4.750	6.700	1.120	call	.990 x 2.750	23.0cc	16.0	09224600	21012-R1	
4.605	4.750	6.700	1.120	call	.990 x 2.750	23.0cc	16.1	09224600	21013-R1	
4.610	4.750	6.700	1.120	call	.990 x 2.750	23.0cc	16.1	09224610	21014-R1	
4.625	4.750	6.700	1.120	call	.990 x 2.750	23.0cc	16.2	09224625	21015-R1	

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance





## CHEVY LS2K 15° FLAT TOP SERIES

- 3D milling on piston crowns for a ready to install finish
- Inboard forging design with fully machined under crown for maximum strength
- Valve pockets designed to work with most aftermarket 15° cylinder heads
- Side gas ports for better ring seal
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .300" (1.304cd) .250" (1.053cd)
- Ratios figured for .053 head gasket
- Premium 1.5mm x 1.5mm x 3.0mm ring package included
- Premium H-13 .250W wrist pins included chamfered for round wire locks
- Valve pocket depth: 0.200" intake and .145" exhaust
- 2618 material for High HP-NOS-Boost applications - rated for 2000HP

Designed For Use With OEM and Aftermarket Blocks							COMPRESSION RATIO				Ring Set	Part #
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	62cc	70cc	76cc			
4.030	3.622	6.125	1.304	call	.927 x 2.250	-3.0cc	10.7	9.8	9.2	09054030	21562-RS	
4.125	3.622	6.125	1.304	call	.927 x 2.250	-3.0cc	11.2	10.2	9.6	09054125	21563-RS	
4.185	4.125	6.125	1.053	call	.927 x 2.250	-3.0cc	12.9	11.8	11.1	09054185	21566-RS	

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## CHEVY LSX 12° FLAT TOP SERIES

- 3D milling on piston crowns for a ready to install finish
- Inboard forging design with fully machined under crown for maximum strength
- Valve pockets designed to work with most aftermarket 15° cylinder heads
- Side gas ports for better ring seal
- Moly skirt coating for friction loss and skirt wear protection
- Top ring down dimension: .300"
- Ratios figured for .053 head gasket
- Premium 1.5mm x 1.5mm x 3.0mm ring package included
- Premium H-13 .250W wrist pins included chamfered for round wire locks
- Valve pocket depth: 0.200" intake and .145" exhaust
- 2618 material for High HP-NOS-Boost applications - rated for 2000HP

Designed For Use With OEM and Aftermarket Blocks							COMPRESSION RATIO				Ring Set	Part #
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	62cc	70cc	76cc			
4.030	3.622	6.125	1.304	call	.927 x 2.250	-4.8cc	10.5	9.6	9.1	09054030	21564-RS	
4.125	3.622	6.125	1.304	call	.927 x 2.250	-4.8cc	10.9	10.0	9.5	09054125	21565-RS	

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## SMALL BLOCK CHEVY 23° NITROUS FLAT TOP SERIES

- 3D milling on piston crowns for a ready to install finish
- Designed to work with most aftermarket 23° cylinder heads
- Top ring down dimension: .250"- .300"
- Ratios figured for .040 head gasket @ 9.000 Deck
- Premium .043 x 1/16 x 3/16 ring package
- 1.000CD & 1.062CD use premium .043 x .043 x 3/16 ring package
- Vertical gas ports for better ring seal
- Premium H-13 .205W wrist pins included
- Valve pocket depth: 0.322" intake and .217" exhaust
- Will work with up to a intake valve size of 2.125" and exhaust valve size of 1.625"
- Made from 2618 alloy and designed for small-medium nitrous levels (Up To 450HP)

350 Block: 4.000 Std Bore 3.480 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.030	3.750	5.850	1.265	call	.927 x 2.950	-5.1cc	11.4	10.6	10.0	09234030	10300*
4.060	3.750	5.850	1.265	call	.927 x 2.950	-5.1cc	11.5	10.8	10.1	09234060	10301*
4.030	3.875	6.000	1.062	call	.927 x 2.950	-5.1cc	12.2	11.3	10.6	09244030	10302
4.060	3.875	6.000	1.062	call	.927 x 2.950	-5.1cc	12.2	11.3	10.6	09244060	10303
4.030	4.000	6.000	1.000	call	.927 x 2.950	-5.1cc	12.4	11.5	10.8	09244030	10304
4.060	4.000	6.000	1.000	call	.927 x 2.950	-5.1cc	12.6	11.7	10.9	09244060	10305
4.030	4.000	5.850	1.140	call	.927 x 2.950	-5.1cc	12.1	11.3	10.6	09244030	10306*
4.060	4.000	5.850	1.140	call	.927 x 2.950	-5.1cc	12.2	11.4	10.7	09244060	10307*

400 Block: 4.125 Std Bore 3.750 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.125	3.750	5.850	1.265	call	.927 x 2.950	-5.1cc	11.9	11.1	10.4	09234125	10308*
4.155	3.750	5.850	1.265	call	.927 x 2.950	-5.1cc	12.0	11.2	10.5	09234155	10309*
4.125	3.875	6.000	1.062	call	.927 x 2.950	-5.1cc	12.5	11.7	10.9	09244125	10310
4.155	3.875	6.000	1.062	call	.927 x 2.950	-5.1cc	12.7	11.8	11.0	09244155	10311
4.125	4.000	6.000	1.000	call	.927 x 2.950	-5.1cc	12.9	12.0	11.3	09244125	10312
4.155	4.000	6.000	1.000	call	.927 x 2.950	-5.1cc	13.1	12.2	11.4	09244155	10313
4.125	4.000	5.850	1.140	call	.927 x 2.950	-5.1cc	12.6	11.7	11.0	09244125	10314*
4.155	4.000	5.850	1.140	call	.927 x 2.950	-5.1cc	12.7	11.9	11.1	09244155	10315*

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance

\*Crankshaft counterweights may need to be modified to clear bottom of pin boss of piston





## SMALL BLOCK CHEVY 23° NITROUS DOME SERIES

- 3D milling on piston crowns for a ready to install finish
- Designed to work with most aftermarket 23° cylinder heads
- Top ring down dimension: .250"-.300"
- Ratios figured for .040 head gasket @ 9.000 Deck
- Premium .043 x 1/16 x 3/16 ring package
- 1.000CD & 1.062CD use premium .043 x .043 x 3/16 ring package
- Vertical gas ports for better ring seal
- Premium H-13 .205W wrist pins included
- Valve pocket depth: 0.322" intake and .217" exhaust
- Will work with up to a intake valve size of 2.125" and exhaust valve size of 1.625"
- Made from 2618 alloy and designed for small-medium nitrous levels (Up To 450HP)

350 Block: 4.000 Std Bore 3.480 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.030	3.750	5.850	1.265	call	.927 x 2.950	13.5cc	14.9	13.5	12.4	09234030	11832
4.040	3.750	5.850	1.265	call	.927 x 2.950	13.5cc	14.9	13.6	12.5	09234040	11833
4.060	3.750	5.850	1.265	call	.927 x 2.950	13.5cc	15.1	13.7	12.6	09234060	11834
4.030	4.000	5.850	1.140	487	.927 x 2.950	9.0cc	14.7	13.5	12.5	09244030	11835*
4.040	4.000	5.850	1.140	492	.927 x 2.950	9.0cc	14.8	13.5	12.5	09244040	11836*
4.060	4.000	5.850	1.140	495	.927 x 2.950	9.0cc	14.9	13.7	12.6	09244060	11837*

400 Block: 4.125 Std Bore 3.750 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.125	3.750	5.850	1.265	call	.927 x 2.950	11.0cc	14.8	13.5	12.5	09234125	11838
4.155	3.750	5.850	1.265	call	.927 x 2.950	11.0cc	15.0	13.7	12.7	09234155	11839
4.165	3.750	5.850	1.265	call	.927 x 2.950	11.0cc	15.1	13.8	12.7	09234165	11840
4.125	4.000	5.850	1.140	call	.927 x 2.950	6.5cc	14.7	13.5	12.5	09244125	11841*
4.155	4.000	5.850	1.140	call	.927 x 2.950	6.5cc	14.9	13.7	12.7	09244155	11842*
4.165	4.000	5.850	1.140	call	.927 x 2.950	6.5cc	14.9	13.8	12.7	09244165	11843*

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance

\*Crankshaft counterweights may need to be modified to clear bottom of pin boss of piston



## SMALL BLOCK CHEVY 23° RACE DISH SERIES

- 3D milling on piston crowns for a ready to install finish
- Valve pockets designed to work with most aftermarket 23° cylinder heads
- Top ring down dimension: .250"
- Ratios figured for .040 head gasket @ 9.000 Deck
- Standard ring package 1/16 x 1/16 x 3/16 ring package
- Premium H-13 .205W wrist pins included
- Valve pocket depth: 0.295" intake and .200" exhaust
- Will work with up to a intake valve size of 2.080" and exhaust valve size of 1.600"
- Made from 2618 alloy

350 Block: 4.000 Std Bore 3.480 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.030	3.750	6.000	1.125	call	.927 x 2.950	-18.0cc	10.1	9.5	9.0	09194030	11441
4.040	3.750	6.000	1.125	call	.927 x 2.950	-18.0cc	10.1	9.5	9.0	09194040	11442
4.060	3.750	6.000	1.125	call	.927 x 2.950	-18.0cc	10.2	9.6	9.1	09194060	11443
4.030	3.875	6.000	1.062	call	.927 x 2.950	-21.0cc	10.1	9.5	9.0	09194030	11444
4.040	3.875	6.000	1.062	call	.927 x 2.950	-21.0cc	10.1	9.5	9.0	09194040	11445
4.060	3.875	6.000	1.062	call	.927 x 2.950	-21.0cc	10.2	9.6	9.1	09194060	11446

400 Block: 4.125 Std Bore 3.750 Std Stroke						COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	64cc	70cc	Ring Set	Part #
4.125	3.750	6.000	1.125	call	.927 x 2.950	-22.0cc	10.1	9.5	9.0	09194125	11447
4.155	3.750	6.000	1.125	call	.927 x 2.950	-22.0cc	10.2	9.7	9.2	09194155	11448
4.165	3.750	6.000	1.125	call	.927 x 2.950	-22.0cc	10.3	9.7	9.2	09194165	11449
4.125	3.875	6.000	1.062	call	.927 x 2.950	-25.0cc	10.1	9.5	9.0	09194125	11450
4.155	3.875	6.000	1.062	call	.927 x 2.950	-25.0cc	10.2	9.7	9.2	09194155	11451
4.165	3.875	6.000	1.062	call	.927 x 2.950	-25.0cc	10.3	9.7	9.2	09194165	11452

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as a upgrade to any piston part number - Contact Diamond Pistons for tech assistance

\*Crankshaft counterweights may need to be modified to clear bottom of pin boss of piston



## BIG BLOCK CHEVY 24°/26° NITROUS DOME SERIES

- 3D milling on piston crowns for a ready to install finish
- Valve pockets designed to work with most aftermarket 24°/26° cylinder heads
- Vertical gas ports for maximum ring seal
- Top ring down dimension: .325"
- Ratios figured for .040 head gasket @ 9.800 Deck & 10.200 Deck
- Premium ring package .043 x 1/16 x 3/16 ring package
- Part# 12722-12730 use premium .043 x .043 x 3/16 ring package
- Premium H-13 .205W wrist pins included
- Valve pocket depth: 0.322" intake and -.130" exhaust
- Will work with up to a intake valve size of 2.350" and exhaust valve size of 1.900"
- Made from 2618 alloy and designed for medium nitrous levels (Up To 450HP)

454 Block: 4.000 Std Bore 4.250 Std Stroke							COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	112cc	118cc	121cc	Ring Set	Part #	
4.600	4.375	6.385	1.215	call	.990 x 2.930	42.0cc	14.6	13.8	13.4	09244600	12728	
4.610	4.375	6.385	1.215	call	.990 x 2.930	42.0cc	14.7	13.8	13.4	09244610	12729	
4.625	4.375	6.385	1.215	call	.990 x 2.930	42.0cc	14.8	13.9	13.5	09244625	12730	

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## SMALL BLOCK FORD 302/351 TFS HIGHPORT NITROUS SERIES

- 3D milling on piston crowns for a ready to install finish
- Dome designed to work with most TFS Highport cylinder heads
- Top ring down dimension: .325" (.290" on 1.090CD)
- Ratios figured for .041 head gasket @ 8.200 Deck & 9.500 Deck
- Premium ring package .043 x .043 x 3/16 ring package
- Vertical gas ports for better ring seal
- Premium H-13 .205W wrist pins included
- Valve pocket depth: 0.300" intake and .250" exhaust
- Will work with up to a intake valve size of 2.125" and exhaust valve size of 1.625"
- Made from 2618 alloy and designed for small-medium nitrous levels (Up to 450HP)

302 Block: 4.000 Std Bore 3.000 Std Stroke							COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	67cc	76cc	Ring Set	Part #	
4.030	3.250	5.400	1.165	call	.927 x 2.950	11.2cc	12.5	11.0	9.8	09244030	32100	
4.040	3.250	5.400	1.165	call	.927 x 2.950	11.2cc	12.6	11.0	9.9	09244040	32101	
4.060	3.250	5.400	1.165	call	.927 x 2.950	11.2cc	12.7	11.1	9.9	09244060	32102	
4.125	3.250	5.400	1.165	call	.927 x 2.950	11.2cc	13.0	11.4	10.2	09244125	32103	
4.030	3.400	5.400	1.090	call	.927 x 2.950	11.2cc	13.0	11.5	10.2	09244030	32104	
4.040	3.400	5.400	1.090	call	.927 x 2.950	11.2cc	13.1	11.5	10.3	09244040	32105	
4.060	3.400	5.400	1.090	call	.927 x 2.950	11.2cc	13.2	11.6	10.4	09244060	32106	
4.125	3.400	5.400	1.090	call	.927 x 2.950	11.2cc	13.6	11.9	10.7	09244125	32107	

351 9.500 Block: 4.000 Std Bore 3.500 Std Stroke							COMPRESSION RATIO					
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	58cc	67cc	76cc	Ring Set	Part #	
4.030	4.000	6.250	1.240	call	.927 x 2.950	3.5cc	13.5	12.0	10.9	09244030	32108	
4.040	4.000	6.250	1.240	call	.927 x 2.950	3.5cc	13.6	12.1	10.9	09244040	32109	
4.060	4.000	6.250	1.240	call	.927 x 2.950	3.5cc	13.7	12.2	11.0	09244060	32110	
4.125	4.000	6.250	1.240	call	.927 x 2.950	3.5cc	14.1	12.5	11.3	09244125	32111	

All items in red are non-stocking parts, made-to-order as necessary

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance

\*Crankshaft counterweights may need to be modified to clear bottom of pin boss of piston



## TOYOTA/BMW B58 SERIES

- 3D milling on piston crowns for a ready to install finish
- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Side gas ports for better ring seal
- Ratios figured for OEM head gasket @ OEM deck
- Top ring down dimension: .325"
- Premium H-13 .185W wrist pins chamfered for roundwire locks included
- Premium 1.0mm x 1.2mm x 2.8mm ring package included
- Oversized valve pockets - for larger than stock valve sizes
- Valve pocket depth: 0.195" intake and .175" exhaust
- 2618 material for High HP/Boost applications

Stock Bore 82mm (3.2283) Stock Stroke 94.6mm (3.7244)							COMPRESSION RATIO			
Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	Factory CC	Ring Set	Part #	
82.0mm	94.6mm	5.834	1.305	call	.866 x 2.250	-8.4cc	11.0	09523328	37050	

Optional TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance



## NISSAN GT-R 3.0L VR30DET SERIES

- Designed to work with OEM grade block ratings
- 3D milling on piston crowns for a ready to install finish
- Offset pins for quiet operation
- Moly skirt coating for friction loss and skirt wear protection
- Ratios figured for 96mm-100mm x .038 head gasket
- Top ring down dimension: .260"
- Premium H-13 .200W wrist pins chamfered for roundwire locks included
- Premium 1.2mm x 1.5mm x 3.0mm ring package included
- Oversized valve pockets - for larger than stock valve sizes
- Valve pocket depth: 0.071" intake and .071" exhaust
- 2618 material for High HP/Boost applications

Stock Bore - 95.5mm Stock Stroke 88.4mm							COMPRESSION RATIO			
Block Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	67cc	Ring Set	Part #
GRADE 1	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	6.5cc	10.0	09503760	81021
GRADE 2	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	6.5cc	10.0	09503760	81022
GRADE 3	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	6.5cc	10.0	09503760	81023
GRADE 1	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	10.0cc	10.5	09503760	81024
GRADE 2	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	10.0cc	10.5	09503760	81025
GRADE 3	95.5mm	88.4mm	6.500	1.350	call	.905 x 2.500	10.0cc	10.5	09503760	81026

Stock Bore - 95.5mm Stock Stroke 88.4mm							COMPRESSION RATIO			
Block Type	Bore	Stroke	Rod	C.D.	Weight	Pin	CC's	67cc	Ring Set	Part #
GRADE 1	95.5mm	94.4mm	6.500	1.230	call	.905 x 2.500	2.0cc	10.0	09503760	81027
GRADE 2	95.5mm	94.4mm	6.500	1.230	call	.905 x 2.500	2.0cc	10.0	09503760	81028
GRADE 3	95.5mm	94.4mm	6.500	1.230	call	.905 x 2.500	2.0cc	10.0	09503760	81029

Optional H-13, M2 and TP-1 wrist pins available as an upgrade to any piston part number - Contact Diamond Pistons for tech assistance

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- 2000hp+ capable out of the box
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- Trend 250W H13 Tool Steel wrist pins included
- Total Seal AP Steel Premium Ring Set included

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### Chevrolet

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-LS-6125	Chevrolet	LS/LT	6.125	2.225	0.940	0.927	1.050	0.265	7/16	ARP L-19	2000	8
MGP-SBC-5850	Chevrolet	SBC	5.850	2.225	0.940	0.927	1.050	0.265	7/16	ARP L-19	2000	8
MGP-SBC-6000	Chevrolet	SBC	6.000	2.225	0.940	0.927	1.050	0.265	7/16	ARP L-19	2000	8
MGP-BBC-6385	Chevrolet	BBC	6.385	2.325	0.990	0.990	1.150	0.300	7/16	ARP L-19	2000	8
MGP-BBC-6535	Chevrolet	BBC	6.535	2.325	0.990	0.990	1.150	0.300	7/16	ARP L-19	2000	8
MGP-BBC-6635	Chevrolet	BBC	6.635	2.325	0.990	0.990	1.150	0.300	7/16	ARP L-19	2000	8
MGP-BBC-6700	Chevrolet	BBC	6.700	2.325	0.990	0.990	1.150	0.300	7/16	ARP L-19	2000	8

### Ford

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-MOD-5930	Ford Modular	Coyote	5.930	2.239	0.940	0.866	1.050	0.280	7/16	ARP L-19	2000	8
MGP-SBF-5400	Ford	302	5.400	2.225	0.831	0.927	1.050	0.260	3/8	ARP L-19	1500	8
MGP-SBF-6125	Ford	351	6.125	2.225	0.940	0.927	1.050	0.260	7/16	ARP L-19	2000	8
MGP-SBF-6200	Ford	351	6.200	2.225	0.940	0.927	1.050	0.260	7/16	ARP L-19	2000	8
MGP-SBF-6250	Ford	351	6.250	2.225	0.940	0.927	1.050	0.260	7/16	ARP L-19	2000	8

### Nissan

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-VR38-6490	Nissan	VR38DETT	6.490	2.325	0.890	0.905	1.050	0.300	3/8	ARP L-19	2000	6

### Toyota

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-2JZ-5580	Toyota	2JZGTE	5.580	2.166	1.020	0.866	1.050	0.300	3/8	ARP L-19	2000	6
MGP-2JZ-5580-1888	Toyota	2JZGTE	5.580	2.015	1.020	0.866	1.050	0.300	3/8	ARP L-19	2000	6

### Honda

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-B18-5384	Honda	B18A/B	5.384	1.890	0.932	0.866	1.025	0.325	3/8	ARP L-19	1600	4
MGP-B18-5384-21	Honda	B18A/B	5.384	1.890	0.932	0.8267	1.025	0.325	3/8	ARP L-19	1600	4
MGP-K20-5462	Honda	K20A/Z	5.462	2.008	0.780	0.866	1.025	0.325	3/8	ARP L-19	1600	4
MGP-K24-5974	Honda	K24	5.974	2.008	0.780	0.866	1.025	0.325	3/8	ARP L-19	1600	4

### Mitsubishi

Item Number	Engine Make	Product Line Desc. (Short)	Center to Center Length	Big End Bore	Big End Width	Small End Bore	Small End Width	Small End Strap Thickness	Bolt Diameter	Bolt Material	HP Rating	UOM
MGP-4G63-5895	Mitsubishi	4G63 Gen 2	5.895	1.890	1.038	0.866	1.025	0.325	3/8	ARP L-19	1600	4
MGP-4G63-6130	Mitsubishi	4G63 Gen 2	6.130	1.890	1.038	0.866	1.025	0.325	3/8	ARP L-19	1600	4

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