

# PLATINUM SERIES PISTONS

## ULTRA LITE SMALL BLOCK CHEVROLET

### "FORMULA-WON®" DESIGN FLAT TOP & 14.5cc DISH

4" BORE 23° HEAD .043" x .043" x 3 MM RINGS

- ✓ 2618 high strength material
- ✓ Super lightweight design for 525 HP and 8,000 RPM
- ✓ Lateral gas ports included
- ✓ Round wire locks included
- ✓ Pressure balance groove
- ✓ Perfect ring groove to skirt squareness
- ✓ Premium Chrome Moly pin integral to design



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Set
<b>FLAT TOP</b>							
593030-8	4.030"	5.700"	3.480"-3.500"	1.550"	394	466	46213-8
593035-8	4.035"	5.700"	3.480"-3.500"	1.550"	396	468	46215-8
593040-8	4.040"	5.700"	3.480"-3.500"	1.550"	397	469	46214-8
593130-8	4.030"	6.000"	3.480"-3.500"	1.250"	355	427	46213-8
593135-8	4.035"	6.000"	3.480"-3.500"	1.250"	357	429	46215-8
593140-8	4.040"	6.000"	3.480"-3.500"	1.250"	358	430	46214-8
593230-8	4.030"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	338	410	46213-8
593235-8	4.035"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	340	412	46215-8
593240-8	4.040"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	341	413	46214-8

Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Set
<b>-14.5cc DISH</b>							
593430-8	4.030"	5.700"	3.480"-3.500"	1.550"	421	493	46213-8
593435-8	4.035"	5.700"	3.480"-3.500"	1.550"	423	495	46215-8
593440-8	4.040"	5.700"	3.480"-3.500"	1.550"	424	496	46214-8
593530-8	4.030"	6.000"	3.480"-3.500"	1.250"	382	454	46213-8
593535-8	4.035"	6.000"	3.480"-3.500"	1.250"	384	456	46215-8
593540-8	4.040"	6.000"	3.480"-3.500"	1.250"	385	457	46214-8
593630-8	4.030"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	365	437	46213-8
593635-8	4.035"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	367	439	46215-8
593640-8	4.040"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	368	440	46214-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .160" 2nd: .165" Oil: .145"

### COMMON FEATURES

**Dome Volume:** -2.0cc Flat Top or -14.5cc Dish  
**Compression Ratio:** Flat Top: 10.34:1 w/ 64cc & 3.48" Stroke  
 Dish: 9.04:1 w/ 64cc & 3.48" Stroke  
**Top Ring:** .043", .155" down  
**Second Ring:** .043"  
**Oil Ring:** 3 mm  
**Deck Thickness:** .155"  
**Valve Notches:** Flat Top: .220" Int., .150" Exh.  
 -14.5cc Dish: .300" Int., .215" Exh.

**Max. Valve Sizes:** 2.125" Int., 1.650" Exh.  
**Valve Angle:** 22°  
**Pin Included:** Premium Chrome Moly P/N 42241  
 (.095" wall, 72 grams, 2.300" long, .927" dia.)  
**Round Wire Locks:** P/N 42262 - .061" wide  
**Recommended Piston Clearance:** .005" measured 1.100" from bottom of the oil ring



SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## SMALL BLOCK CHEVROLET 2 BARREL CLASS

4" BORE FLAT TOP 23° HEAD

- ✓ 2618 high strength material
- ✓ 2.300" length Premium Chrome Moly pin included - integral to the piston design
- ✓ Lightweight design: .155" thick deck
- ✓ Perfect ring groove to skirt squareness
- ✓ Round Wire Locks included - NO CHARGE
- ✓ Pressure balance groove
- ✓ Semi-banded skirt for improved skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Set
<b>1/16" x 1/16" x 3/16" RINGS</b>							
590030-8	4.030"	5.700"	3.480"-3.500"	1.550"	438	510	46353-8
590035-8	4.035"	5.700"	3.480"-3.500"	1.550"	441	513	46355-8
590040-8	4.040"	5.700"	3.480"-3.500"	1.550"	443	515	46354-8
590130-8	4.030"	6.000"	3.480"-3.500"	1.250"	399	471	46353-8
590135-8	4.035"	6.000"	3.480"-3.500"	1.250"	400	472	46355-8
590140-8	4.040"	6.000"	3.480"-3.500"	1.250"	401	473	46354-8
<small>The following pistons will include groove lock spacer 46400</small>							
590230-8	4.030"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	369	441	46353-8
590235-8	4.035"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	370	442	46355-8
590240-8	4.040"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	371	443	46354-8
<b>Gas Ported .043" x .043" x 3 mm RINGS</b>							
591030-8	4.030"	5.700"	3.480"-3.500"	1.550"	438	510	46213-8
591035-8	4.035"	5.700"	3.480"-3.500"	1.550"	440	512	46215-8
591040-8	4.040"	5.700"	3.480"-3.500"	1.550"	442	514	46214-8
591130-8	4.030"	6.000"	3.480"-3.500"	1.250"	400	472	46213-8
591135-8	4.035"	6.000"	3.480"-3.500"	1.250"	401	473	46215-8
591140-8	4.040"	6.000"	3.480"-3.500"	1.250"	402	474	46214-8
591230-8	4.030"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	380	452	46213-8
591235-8	4.035"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	382	454	46215-8
591240-8	4.040"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	384	456	46214-8
<small>The following pistons will include groove lock spacer 46400</small>							
591330-8	4.030"	6.200"	3.480"-3.500"	1.050"	367	439	46213-8
591335-8	4.035"	6.200"	3.480"-3.500"	1.050"	368	440	46215-8
591340-8	4.040"	6.200"	3.480"-3.500"	1.050"	369	441	46214-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
 1/16" x 3/16" Top: .183" 2nd: .183" Oil: .183" .043" x 3mm Top: .160" 2nd: .165" Oil: .145"



### COMMON FEATURES

- Dome Volume:** -2.5cc
- Compression Ratio:** 10.34:1 w/ 64cc & 3.48" Stroke
- Top Ring:** 1/16" or .043" Gas Ported, .155" down
- Second Ring:** 1/16" or .043"
- Oil Ring:** 3/16" or 3 mm
- Deck Thickness:** .155"
- Valve Notches:** .210" Int., .150" Exh.
- Maximum Fly Cut:** .270" Int., .170" Exh.
- Max. Valve Sizes:** 2.125" Int., 1.650" Exh.
- Valve Angle:** 22°
- Pin Included:** Premium Chrome Moly P/N 42241 ( .095" wall, 72 grams, 2.300" long, .927" dia. )
- Round Wire Locks:** P/N 42262 - .061" wide
- Recommended Piston Clearance:** .005" measured 1.100" from bottom of the oil ring



SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## SMALL BLOCK CHEVROLET

### 4 BARREL CLASS

4" BORE FLAT TOP 23° HEAD

- ✓ 2618 high strength material
- ✓ Lightweight design
- ✓ Slightly thicker deck ( .185" ) for higher horsepower applications
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.300" length Premium Chrome Moly pin included - integral to the piston design
- ✓ Round Wire Locks included - NO CHARGE
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Set
<b>1/16" x 1/16" x 3/16" RINGS</b>							
<b>590530-8</b>	4.030"	5.700"	3.480"-3.500"	1.550"	458	553	<b>46353-8</b>
<b>590535-8</b>	4.035"	5.700"	3.480"-3.500"	1.550"	459	554	<b>46355-8</b>
<b>590540-8</b>	4.040"	5.700"	3.480"-3.500"	1.550"	460	555	<b>46354-8</b>
<b>590545-8</b>	4.045"	5.700"	3.480"-3.500"	1.550"	465	560	<b>46354-8</b>
<b>590560-8</b>	4.060"	5.700"	3.480"-3.500"	1.550"	470	565	<b>46356-8</b>
<b>590730-8</b>	4.030"	5.700"	3.750"	1.425"	438	533	<b>46353-8</b>
<b>590630-8</b>	4.030"	6.000"	3.480"-3.500"	1.250"	415	510	<b>46353-8</b>
<b>590635-8</b>	4.035"	6.000"	3.480"-3.500"	1.250"	416	511	<b>46355-8</b>
<b>590640-8</b>	4.040"	6.000"	3.480"-3.500"	1.250"	418	513	<b>46354-8</b>
<b>590660-8</b>	4.060"	6.000"	3.480"-3.500"	1.250"	427	522	<b>46356-8</b>
The following pistons will include groove lock spacer 46400							
<b>590830-8</b>	4.030"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	399	494	<b>46353-8</b>
<b>590835-8</b>	4.035"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	400	495	<b>46355-8</b>
<b>590840-8</b>	4.040"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	401	496	<b>46354-8</b>
<b>590860-8</b>	4.060"	6.000"/6.125"	3.750"/3.480"-3.500"	1.125"	411	506	<b>46356-8</b>
<b>Gas Ported .043" x .043" x 3 mm RINGS</b>							
<b>591530-8</b>	4.030"	5.700"	3.480"-3.500"	1.550"	457	552	<b>46213-8</b>
<b>591535-8</b>	4.035"	5.700"	3.480"-3.500"	1.550"	459	554	<b>46215-8</b>
<b>591540-8</b>	4.040"	5.700"	3.480"-3.500"	1.550"	460	555	<b>46214-8</b>
<b>591560-8</b>	4.060"	5.700"	3.480"-3.500"	1.550"	470	565	<b>46216-8</b>
<b>591630-8</b>	4.030"	6.000"	3.480"-3.500"	1.250"	415	510	<b>46213-8</b>
<b>591635-8</b>	4.035"	6.000"	3.480"-3.500"	1.250"	416	511	<b>46215-8</b>
<b>591640-8</b>	4.040"	6.000"	3.480"-3.500"	1.250"	418	513	<b>46214-8</b>
<b>591660-8</b>	4.060"	6.000"	3.480"-3.500"	1.250"	426	521	<b>46216-8</b>

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
1/16" x 3/16" Top: .183" 2nd: .183" Oil: .183" .043" x 3mm Top: .160" 2nd: .165" Oil: .145"



### COMMON FEATURES

- Dome Volume: -4.0cc
- Compression Ratio: 10.16:1 w/ 64cc & 3.48" Stroke
- Top Ring: 1/16" or .043" Gas Ported, .185" down
- Second Ring: 1/16" or .043"
- Oil Ring: 3/16" or 3 mm
- Deck Thickness: .185"
- Valve Notches: .300" Int., .190" Exh.
- Maximum Fly Cut: .360" Int., .260" Exh.
- Max. Valve Sizes: 2.125" Int., 1.650" Exh.
- Valve Angle: 22°
- Pin Included: Premium Chrome Moly P/N 42242 ( .130" wall, 95 grams, 2.300" long, .927" dia. )
- Round Wire Locks: P/N 42262 - .061" wide
- Recommended
- Piston Clearance: .005" measured 1.100" from bottom of the oil ring



SEE PAGE 111 FOR CUSTOM PISTONS

Note: New part numbers are **ITALICIZED**.

# PLATINUM SERIES PISTONS

## SMALL BLOCK CHEVROLET LS SERIES

### LS-1/LS-2/LS-6, LS-3/L-92, LS-7 FLAT TOP & DISH

- ✓ 2618 high strength material lightweight design
- ✓ Premium Chrome Moly wrist pins included with round wire locks P/N 42262 (.061" wide)
- ✓ Offset wrist pin design
- ✓ Machined for relocator wheel clearance
- ✓ 1.5, 1.5, 3mm ring package
- ✓ .200" deck thickness
- ✓ Forced pin oiling, pressure balance groove and precision pin fitting



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Pin Diameter	Piston Wt / Gms	Piston & Pin Wt / Gms	Valve Pocket Type	Valve Pocket Depth Int. / Exh.	Piston Ring Sets — Ductile Iron Top Rings Premium Steel Top Rings	
<b>-4cc FLAT TOP</b>											
592007C-8	3.905"	6.098"	3.622"	1.340"	24mm/.945	428	518	LS-1,2,6	.175"/.150"	46107-8	46107ST-8
592107C-8	3.905"	6.125"	3.622"	1.313"	.927	425	520	LS-1,2,6	.175"/.150"	46107-8	46107ST-8
592110C-8	3.910"	6.125"	3.622"	1.313"	.927	427	522	LS-1,2,6	.175"/.150"	46107-8	46107ST-8
592207C-8	3.905"	6.125"	4.000"	1.115"	.927	391	486	LS-1,2,6	.175"/.150"	46107-8	46107ST-8
592501C-8	4.001"	6.125"	3.622"	1.304"	.927	438	533	LS-1,2,3,6,92	.185"/.130"	46110-8	46110ST-8
592510C-8	4.010"	6.125"	3.622"	1.304"	.927	442	537	LS-1,2,3,6,92	.185"/.130"	46111-8	46111ST-8
592530C-8	4.030"	6.125"	3.622"	1.304"	.927	449	544	LS-1,2,3,6,92	.185"/.130"	46113-8	46113ST-8
592565C-8	4.065"	6.125"	3.622"	1.304"	.927	453	548	LS-1,2,3,6,92	.185"/.130"	46116-8	46116ST-8
592570C-8	4.070"	6.125"	3.622"	1.304"	.927	455	550	LS-1,2,3,6,92	.185"/.130"	46117-8	46117ST-8
592605C-8	4.005"	6.125"	4.000"	1.115"	.927	407	502	LS-1,2,3,6,92	.185"/.130"	46110-8	46110ST-8
592610C-8	4.010"	6.125"	4.000"	1.115"	.927	409	504	LS-1,2,3,6,92	.185"/.130"	46111-8	46111ST-8
592630C-8	4.030"	6.125"	4.000"	1.115"	.927	418	513	LS-1,2,3,6,92	.185"/.130"	46113-8	46113ST-8
592670C-8	4.070"	6.125"	4.000"	1.115"	.927	423	518	LS-1,2,3,6,92	.185"/.130"	46117-8	46117ST-8
<b>-5cc FLAT TOP</b>											
592300C-8	4.125"	6.125"	4.000"	1.115"	.927	432	528	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
592305C-8	4.130"	6.125"	4.000"	1.115"	.927	434	530	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
<b>-10cc DISH</b>											
592701C-8	4.001"	6.125"	4.000"	1.115"	.927	403	498	LS-1,2,3,6,92	.185"/.130"	46110-8	46110ST-8
592705C-8	4.005"	6.125"	4.000"	1.115"	.927	406	501	LS-1,2,3,6,92	.185"/.130"	46110-8	46110ST-8
592730C-8	4.030"	6.125"	4.000"	1.115"	.927	412	508	LS-1,2,3,6,92	.185"/.130"	46113-8	46113ST-8
592765C-8	4.065"	6.125"	4.000"	1.115"	.927	418	513	LS-1,2,3,6,92	.185"/.130"	46116-8	46116ST-8
592770C-8	4.070"	6.125"	4.000"	1.115"	.927	420	515	LS-1,2,3,6,92	.185"/.130"	46117-8	46117ST-8
<b>-11cc DISH</b>											
592400C-8	4.125"	6.125"	4.000"	1.115"	.927	432	528	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
592405C-8	4.130"	6.125"	4.000"	1.115"	.927	434	530	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
<b>-29cc DISH</b>											
592807C-8	3.905"	6.125"	4.000"	1.115"	.927	379	474	LS-1,2,3,6,92	.175" Trough	46107-8	46107ST-8
592805C-8	4.005"	6.125"	4.000"	1.115"	.927	397	492	LS-1,2,3,6,92	.175" Trough	46110-8	46110ST-8
592830C-8	4.030"	6.125"	4.000"	1.115"	.927	405	500	LS-1,2,3,6,92	.175" Trough	46113-8	46113ST-8
592865C-8	4.065"	6.125"	4.000"	1.115"	.927	411	506	LS-1,2,3,6,92	.175" Trough	46116-8	46116ST-8
592870C-8	4.070"	6.125"	4.000"	1.115"	.927	413	508	LS-1,2,3,6,92	.175" Trough	46117-8	46117ST-8
592900C-8	4.125"	6.125"	4.000"	1.115"	.927	430	526	LS-1,2,3,6,7,92	.175" Trough	46360-8	46360ST-8
592905C-8	4.130"	6.125"	4.000"	1.115"	.927	434	530	LS-1,2,3,6,7,92	.175" Trough	46360-8	46360ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .151" 2nd: .168" Oil: .136"



### COMMON FEATURES FOR ALL PISTONS ON PAGES 96 & 97

- |                      |   |                          |  |
|----------------------|---|--------------------------|--|
| <b>Top Ring:</b>     | 1.5 mm .225" down, Flat Top & -10cc/-11cc Dishes<br>.250" down, -29cc & -31cc Dishes  | <b>Round Wire Locks:</b> | P/N 42262 - .061" wide                             |
| <b>Second Ring:</b>  | 1.5 mm  | <b>Recommended</b>       |  |
| <b>Oil Ring:</b>     | 3 mm  | <b>Piston Clearance:</b> | .0045" measured 1.100" from bottom of the oil ring |
| <b>Pin Included:</b> | Premium Chrome Moly P/N 42218 for the 3.905" bore<br>(.120" wall, 90 grams, 2.300" long, 24mm/.945" dia.)<br>Premium Chrome Moly P/N 42242 for the 3.905" - 4.070" bore<br>(.130" wall, 95 grams, 2.300" long, .927" dia.)<br>Premium Chrome Moly P/N 42228 for the 4.125" - 4.130" bore<br>(.125" wall, 96 grams, 2.500" long, .927" dia.) |                          |  |

Note: New part numbers are **ITALICIZED**.

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## SMALL BLOCK CHEVROLET LS SERIES

LS-1/LS-2/LS-6, LS-3/L-92, LS-7 FOR 4.100" STROKE

- ✓ 2618 high strength material lightweight design
- ✓ Premium Chrome Moly wrist pins included with round wire locks P/N 42262 (.061" wide)
- ✓ Offset wrist pin design
- ✓ Machined for reluctor wheel clearance
- ✓ 1.5, 1.5, 3mm ring package
- ✓ .200" deck thickness
- ✓ Forced pin oiling, pressure balance groove and precision pin fitting



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Pin Diameter	Piston Wt / Gms	Piston & Pin Wt / Gms	Valve Pocket Type	Valve Pocket Depth Int. / Exh.	Piston Ring Sets	
										Ductile Iron Top Rings	Premium Steel Top Rings
<b>-10cc DISH</b>											
596505C-8	4.005"	6.125"	4.100"	1.065"	.927	395	490	LS-1,2,3,6,92	.185"/.130"	46110-8	46110ST-8
596565C-8	4.065"	6.125"	4.100"	1.065"	.927	411	506	LS-1,2,3,6,92	.185"/.130"	46116-8	46116ST-8
596570C-8	4.070"	6.125"	4.100"	1.065"	.927	413	508	LS-1,2,3,6,92	.185"/.130"	46117-8	46117ST-8
<b>-11cc DISH</b>											
596600C-8	4.125"	6.125"	4.100"	1.065"	.927	422	518	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
596605C-8	4.130"	6.125"	4.100"	1.065"	.927	424	520	LS-1,2,3,6,7,92	.225" Trough	46360-8	46360ST-8
<b>-31cc DISH</b>											
596705C-8	4.005"	6.125"	4.100"	1.065"	.927	398	493	LS-1,2,3,6,92	.175" Trough	46110-8	46110ST-8
596765C-8	4.065"	6.125"	4.100"	1.065"	.927	413	508	LS-1,2,3,6,92	.175" Trough	46116-8	46116ST-8
596770C-8	4.070"	6.125"	4.100"	1.065"	.927	416	511	LS-1,2,3,6,92	.175" Trough	46117-8	46117ST-8
596800C-8	4.125"	6.125"	4.100"	1.065"	.927	428	524	LS-1,2,3,6,7,92	.175" Trough	46360-8	46360ST-8
596805C-8	4.130"	6.125"	4.100"	1.065"	.927	430	526	LS-1,2,3,6,7,92	.175" Trough	46360-8	46360ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .151"                      2nd: .168"                      Oil: .136"



PISTONS, RINGS, & PINS

## COMPRESSION RATIO CHART

Bore	Stroke	Cylinder Head (cc)			
		64	66	70	72
<b>-4cc &amp; -5cc Flat Top</b>					
3.905"	3.622"	10.2	10.0	9.5	9.3
3.905"	4.000"	11.2	11.0	10.4	10.2
4.001"	3.622"	10.6	10.4	9.8	9.6
4.005"	4.000"	11.7	11.4	10.9	10.7
4.010"	3.622"	10.7	10.5	9.9	9.7
4.030"	3.622"	10.8	10.6	10.1	9.9
4.030"	4.000"	11.9	11.6	11.1	10.9
4.065"	3.622"	11.0	10.7	10.2	10.0
4.070"	3.622"	11.1	10.8	10.3	10.1
4.070"	4.000"	12.1	11.8	11.3	11.1
4.125"	4.000"	12.3	12.0	11.5	11.3
4.130"	4.000"	12.4	12.1	11.6	11.4
<b>-10cc &amp; -11cc DISH</b>					
4.001"	4.000"	10.8	10.6	10.1	9.9
4.005"	4.000"	10.9	10.7	10.2	10.0
4.030"	4.000"	11.1	10.8	10.3	10.1
4.065"	4.000"	11.3	11.0	10.5	10.3
4.070"	4.000"	11.4	11.1	10.6	10.4
4.125"	4.000"	11.6	11.3	10.8	10.6
4.130"	4.000"	11.7	11.4	10.9	10.5

Bore	Stroke	Cylinder Head (cc)			
		64	66	70	72
<b>-10cc &amp; -11cc DISH</b>					
4.005"	4.100"	11.1	10.9	10.5	10.3
4.065"	4.100"	11.4	11.2	10.7	10.5
4.070"	4.100"	11.5	11.3	10.8	10.6
4.125"	4.100"	11.6	11.4	10.9	10.7
4.130"	4.100"	11.7	11.5	11.0	10.8
<b>-29cc DISH</b>					
3.905"	4.000"	8.7	8.5	8.2	8.1
4.005"	4.000"	9.1	8.9	8.6	8.5
4.030"	4.000"	9.2	9.0	8.7	8.6
4.065"	4.000"	9.3	9.1	8.8	8.7
4.070"	4.000"	9.4	9.2	8.9	8.8
4.125"	4.000"	9.6	9.4	9.1	9.0
4.130"	4.000"	9.7	9.5	9.2	9.1
<b>-31cc DISH</b>					
4.005"	4.100"	9.1	9.0	8.7	8.5
4.065"	4.100"	9.3	9.2	8.9	8.7
4.070"	4.100"	9.4	9.3	9.0	8.8
4.125"	4.100"	9.6	9.4	9.1	9.0
4.130"	4.100"	9.7	9.5	9.2	9.1

Compression ratios are calculated at 0.00" deck clearance, a 9.240" deck height, and a .042" thick compressed head gasket.

SEE PAGE 96 FOR COMMON FEATURES

SEE PAGE 111 FOR CUSTOM PISTONS



# PLATINUM SERIES PISTONS

## BIG BLOCK CHEVROLET 4.500" BORE FLAT TOP & MINI DOME

- ✓ 2618 high strength material, lightweight design
- ✓ Perfect ring groove to skirt squareness and pressure balance groove
- ✓ Premium Chrome Moly pin and spiral locks included
- ✓ Pin fitting included
- ✓ Suitable for superchargers, turbos, nitrous



Flat Top



Mini Dome

Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Dome Volume	Piston Ring Set
<b>FLAT TOP</b>							
<b>696000-8</b>	4.500"	6.135"	4.000"	1.645"	713	- 3cc	<b>46450-8</b>
<b>696030-8</b>	4.530"	6.135"	4.000"	1.645"	721	- 3cc	<b>46453-8</b>
<b>696060-8</b>	4.560"	6.135"	4.000"	1.645"	729	- 3cc	<b>46456-8</b>
<b>696080-8</b>	4.600"	6.135"	4.000"	1.645"	755	- 3cc	<b>46458-8</b>
<b>696100-8</b>	4.500"	6.385"	4.000"	1.395"	650	- 3cc	<b>46450-8</b>
<b>696130-8</b>	4.530"	6.385"	4.000"	1.395"	660	- 3cc	<b>46453-8</b>
<b>696160-8</b>	4.560"	6.385"	4.000"	1.395"	670	- 3cc	<b>46456-8</b>
<b>696180-8</b>	4.600"	6.385"	4.000"	1.395"	695	- 3cc	<b>46458-8</b>
<b>696200-8</b>	4.500"	6.135"	4.250"	1.520"	676	- 3cc	<b>46450-8</b>
<b>696230-8</b>	4.530"	6.135"	4.250"	1.520"	692	- 3cc	<b>46453-8</b>
<b>696260-8</b>	4.560"	6.135"	4.250"	1.520"	705	- 3cc	<b>46456-8</b>
<b>696280-8</b>	4.600"	6.135"	4.250"	1.520"	732	- 3cc	<b>46458-8</b>
<b>696300-8</b>	4.500"	6.385"	4.250"	1.270"	615	- 3cc	<b>46450-8</b>
<b>696330-8</b>	4.530"	6.385"	4.250"	1.270"	632	- 3cc	<b>46453-8</b>
<b>696360-8</b>	4.560"	6.385"	4.250"	1.270"	637	- 3cc	<b>46456-8</b>
<b>696380-8</b>	4.600"	6.385"	4.250"	1.270"	665	- 3cc	<b>46458-8</b>
<b>MINI DOME</b>							
<b>696800-8</b>	4.500"	6.135"	4.000"	1.645"	690	2cc	<b>46450-8</b>
<b>696830-8</b>	4.530"	6.135"	4.000"	1.645"	694	2cc	<b>46453-8</b>

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .200"      2nd: .200"      Oil: .170"



### COMMON FEATURES

- Top Ring:** 1/16", .350" down Flat Top, .305" Mini Dome  
**Second Ring:** 1/16"  
**Oil Ring:** 3/16"  
**Intake Valve Notch:** .300" Flat Top, .270" Mini Dome  
**Exhaust Valve:** +.090"  
**Pin Included:** **Flat Top:** Premium Chrome Moly P/N 42220 (.180" wall, 170 grams, 2.930" long, .990" dia.)  
**Mini Dome:** Premium Chrome Moly P/N 42219 (.150" wall, 147 grams, 2.930" long, .990" dia.)  
**Spiral Locks:** P/N 42271 - .042" wide (4 per piston)  
**Recommended Piston Clearance:** .006" measured 1.100" from bottom of the oil ring

### COMPRESSION RATIO CHART

Bore	Stroke	112cc	118cc	124cc
<b>-3cc FLAT TOP</b>				
4.500"	4.000"	9.0:1	8.7:1	8.4:1
4.530"	4.000"	9.1:1	8.8:1	8.5:1
4.560"	4.000"	9.3:1	8.9:1	8.6:1
4.600"	4.000"	9.4:1	9.0:1	8.7:1
4.500"	4.250"	9.6:1	9.2:1	8.8:1
4.530"	4.250"	9.7:1	9.3:1	8.9:1
4.560"	4.250"	9.8:1	9.4:1	9.0:1
4.600"	4.250"	9.9:1	9.5:1	9.1:1
<b>2cc MINI DOME</b>				
4.500"	4.000"	9.4:1	9.0:1	8.7:1
4.530"	4.000"	9.5:1	9.1:1	8.8:1

All compression ratios are calculated at .010" deck clearance.

Pistons with 1.395" and 1.270" compression distances REQUIRE, and are shipped with, groove lock spacers.

SEE PAGE 111 FOR CUSTOM PISTONS

Note: New part numbers are **ITALICIZED**.

# PLATINUM SERIES PISTONS

## BIG BLOCK CHEVROLET 4.500" INVERTED DOME

- ✓ 2618 high strength material
- ✓ Lightweight design
- ✓ Full banded skirt for increased skirt stability
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ Premium Chrome Moly pin included
- ✓ Spiral locks included
- ✓ Pin fitting included
- ✓ Suitable for superchargers, turbos, nitrous



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Dome Volume	Piston Ring Set
696400-8	4.500"	6.135"	4.000"	1.645"	706	- 10cc	46450-8
696430-8	4.530"	6.135"	4.000"	1.645"	724	- 10cc	46453-8
696460-8	4.560"	6.135"	4.000"	1.645"	736	- 10cc	46456-8
696480-8	4.600"	6.135"	4.000"	1.645"	757	- 10cc	46458-8
696500-8	4.500"	6.385"	4.000"	1.395"	647	- 10cc	46450-8
696530-8	4.530"	6.385"	4.000"	1.395"	660	- 10cc	46453-8
696560-8	4.560"	6.385"	4.000"	1.395"	671	- 10cc	46456-8
696580-8	4.600"	6.385"	4.000"	1.395"	695	- 10cc	46458-8
696600-8	4.500"	6.135"	4.250"	1.520"	680	- 20cc	46450-8
696630-8	4.530"	6.135"	4.250"	1.520"	700	- 20cc	46453-8
696660-8	4.560"	6.135"	4.250"	1.520"	710	- 20cc	46456-8
696680-8	4.600"	6.135"	4.250"	1.520"	724	- 20cc	46458-8
696700-8	4.500"	6.385"	4.250"	1.270"	621	- 20cc	46450-8
696730-8	4.530"	6.385"	4.250"	1.270"	634	- 20cc	46453-8
696760-8	4.560"	6.385"	4.250"	1.270"	645	- 20cc	46456-8
696780-8	4.600"	6.385"	4.250"	1.270"	668	- 20cc	46458-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .200"      2nd: .200"      Oil: .170"



### COMMON FEATURES

- Top Ring: 1/16", .350" down
- Second Ring: 1/16"
- Oil Ring: 3/16"
- Intake Valve Notch: .300"
- Exhaust Valve: +.090"
- Pin Included: Premium Chrome Moly P/N 42220  
(.180" wall, 170 grams, 2.930" long, .990" dia.)
- Spiral Locks: P/N 42271 - .042" wide (4 per piston)
- Recommended
- Piston Clearance: .006" measured 1.100" from bottom of the oil ring

### COMPRESSION RATIO CHART

Bore	Stroke	112cc	118cc	124cc
4.500"	4.000"	8.6:1	8.3:1	8.0:1
4.530"	4.000"	8.7:1	8.4:1	8.1:1
4.560"	4.000"	8.8:1	8.5:1	8.2:1
4.600"	4.000"	8.9:1	8.6:1	8.3:1
4.500"	4.250"	8.6:1	8.3:1	8.0:1
4.530"	4.250"	8.7:1	8.4:1	8.1:1
4.560"	4.250"	8.8:1	8.5:1	8.2:1
4.600"	4.250"	8.9:1	8.6:1	8.3:1

All compression ratios are calculated at .010" deck clearance.

Pistons with 1.395" and 1.270" compression distances REQUIRE, and are shipped with, groove lock spacers.

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## BIG BLOCK CHEVROLET

### 4.500" BORE 42cc HOLLOW DOME

- ✓ 2618 high strength material
- ✓ Lightweight design
- ✓ Lateral gas ports included
- ✓ Perfect for drag race applications
- ✓ Exact ring groove to skirt squareness
- ✓ Full banded skirt design for increased skirt stability
- ✓ Round wire locks included
- ✓ .043" x .043" x 3/16" ring package



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Dome Volume	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
697500-8	4.500"	6.385"	4.000"	1.395"	677	42cc	46550-8	46550ST-8
697530-8	4.530"	6.385"	4.000"	1.395"	690	42cc	46553-8	46553ST-8
697560-8	4.560"	6.385"	4.000"	1.395"	704	42cc	46556-8	46556ST-8
697580-8	4.600"	6.385"	4.000"	1.395"	710	42cc	46558-8	46558ST-8
697600-8	4.500"	6.535"	4.000"	1.245"	651	42cc	46550-8	46550ST-8
697630-8	4.530"	6.535"	4.000"	1.245"	664	42cc	46553-8	46553ST-8
697660-8	4.560"	6.535"	4.000"	1.245"	667	42cc	46556-8	46556ST-8
697680-8	4.600"	6.535"	4.000"	1.245"	671	42cc	46558-8	46558ST-8
697700-8	4.500"	6.135"	4.250"	1.520"	713	42cc	46550-8	46550ST-8
697730-8	4.530"	6.135"	4.250"	1.520"	720	42cc	46553-8	46553ST-8
697760-8	4.560"	6.135"	4.250"	1.520"	726	42cc	46556-8	46556ST-8
697780-8	4.600"	6.135"	4.250"	1.520"	731	42cc	46558-8	46558ST-8
697800-8	4.500"	6.385"	4.250"	1.270"	662	42cc	46550-8	46550ST-8
697830-8	4.530"	6.385"	4.250"	1.270"	676	42cc	46553-8	46553ST-8
697860-8	4.560"	6.385"	4.250"	1.270"	680	42cc	46556-8	46556ST-8
697880-8	4.600"	6.385"	4.250"	1.270"	684	42cc	46558-8	46558ST-8
697900-8	4.500"	6.535"	4.250"	1.120"	615	42cc	46550-8	46550ST-8
697930-8	4.530"	6.535"	4.250"	1.120"	627	42cc	46553-8	46553ST-8
697960-8	4.560"	6.535"	4.250"	1.120"	634	42cc	46556-8	46556ST-8
697980-8	4.600"	6.535"	4.250"	1.120"	640	42cc	46558-8	46558ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .175" 2nd: .170" 4.500"/4.530" Oil: .200"  
.210" 4.560"/4.600"



### COMMON FEATURES

- Top Ring: .043, .320" down except on 1.120" CD is .290" down
- Second Ring: .043
- Oil Ring: 3/16"
- Intake Valve Notch: .320"
- Exhaust Valve: +.090"
- Pin Included: Premium Chrome Moly P/N 42201  
(.150" wall, 146 grams, 2.930" long, .990" dia.)
- Round Wire Locks: P/N 42275 - .072" wide (2 per piston)
- Recommended
- Piston Clearance: .006" measured 1.100" from bottom of the oil ring

### COMPRESSION RATIO CHART

Bore	Stroke	112cc	118cc	124cc
4.500"	4.000"	13.4:1	12.6:1	11.9:1
4.530"	4.000"	13.6:1	12.7:1	12.0:1
4.560"	4.000"	13.7:1	12.9:1	12.1:1
4.600"	4.000"	13.9:1	13.1:1	12.3:1
4.500"	4.250"	14.2:1	13.3:1	12.5:1
4.530"	4.250"	14.4:1	13.5:1	12.7:1
4.560"	4.250"	14.5:1	13.6:1	12.8:1
4.600"	4.250"	14.8:1	13.8:1	13.0:1

All compression ratios are calculated at .010" deck clearance.

Pistons with 1.270" and shorter compression distances REQUIRE, and are shipped with, groove lock spacers.

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## BIG BLOCK CHEVROLET

### 4.500" BORE 48cc HOLLOW DOME

- ✓ 2618 high strength material
- ✓ Lightweight design
- ✓ Perfect for drag race applications
- ✓ Exact ring groove to skirt squareness
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Dome Volume	Piston Ring Set
697000-8	4.500"	6.385"	4.000"	1.395"	677	48cc	46450-8
697030-8	4.530"	6.385"	4.000"	1.395"	690	48cc	46453-8
697060-8	4.560"	6.385"	4.000"	1.395"	704	48cc	46456-8
697080-8	4.600"	6.385"	4.000"	1.395"	710	48cc	46458-8
697100-8	4.500"	6.535"	4.000"	1.245"	651	48cc	46450-8
697130-8	4.530"	6.535"	4.000"	1.245"	664	48cc	46453-8
697160-8	4.560"	6.535"	4.000"	1.245"	667	48cc	46456-8
697180-8	4.600"	6.535"	4.000"	1.245"	671	48cc	46458-8
697200-8	4.500"	6.135"	4.250"	1.520"	708	48cc	46450-8
697230-8	4.530"	6.135"	4.250"	1.520"	720	48cc	46453-8
697260-8	4.560"	6.135"	4.250"	1.520"	726	48cc	46456-8
697280-8	4.600"	6.135"	4.250"	1.520"	731	48cc	46458-8
697300-8	4.500"	6.385"	4.250"	1.270"	662	48cc	46450-8
697330-8	4.530"	6.385"	4.250"	1.270"	676	48cc	46453-8
697360-8	4.560"	6.385"	4.250"	1.270"	680	48cc	46456-8
697380-8	4.600"	6.385"	4.250"	1.270"	684	48cc	46458-8
697400-8	4.500"	6.535"	4.250"	1.120"	615	48cc	46450-8
697430-8	4.530"	6.535"	4.250"	1.120"	627	48cc	46453-8
697460-8	4.560"	6.535"	4.250"	1.120"	634	48cc	46456-8
697480-8	4.600"	6.535"	4.250"	1.120"	640	48cc	46458-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .200"      2nd: .200"      Oil: .170"



### COMMON FEATURES

Top Ring:	1/16", .320" down except on 1.120" CD is .270" down
Second Ring:	1/16"
Oil Ring:	3/16"
Intake Valve Notch:	.320"
Exhaust Valve:	+.090"
Pin Included:	Premium Chrome Moly P/N 42219 (.150" wall, 147 grams, 2.930" long, .990" dia.)
Spiral Locks:	P/N 42271 - .042" wide (4 per piston)
Recommended	
Piston Clearance:	.006" measured 1.100" from bottom of the oil ring

### COMPRESSION RATIO CHART

Bore	Stroke	112cc	118cc	124cc
4.500"	4.000"	14.4:1	13.4:1	12.6:1
4.530"	4.000"	14.6:1	13.6:1	12.8:1
4.560"	4.000"	14.7:1	13.7:1	12.9:1
4.600"	4.000"	15.0:1	14.0:1	13.1:1
4.500"	4.250"	15.2:1	14.2:1	13.3:1
4.530"	4.250"	15.4:1	14.4:1	13.5:1
4.560"	4.250"	15.6:1	14.6:1	13.6:1
4.600"	4.250"	15.8:1	14.8:1	13.8:1

All compression ratios are calculated at .010" deck clearance.

Pistons with 1.395" and shorter compression distances REQUIRE, and are shipped with, groove lock spacers.

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## CHRYSLER 5.7L HEMI DOME, FLAT TOP & DISH

- ✓ Forged 2618 high strength material lightweight design
- ✓ 2.300" x .130" wall Premium Chrome Moly pin included - integral to the piston design
- ✓ Offset wrist pin design
- ✓ Round Wire locks and Premium Chrome Moly Wrist Pins included - NO CHARGE
- ✓ 1.5, 1.5, 3mm ring package
- ✓ Other features include forced pin oiling, pressure balance groove and precision pin fitting

Note: These pistons are designed for connecting rods with .927" diameter floating wrist pins.



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Pin Diameter	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
								Ductile Iron Top Rings	Premium Steel Top Rings
<b>STOCK STROKE 9.3cc DOME</b>									
<b>597400C-8</b>	3.917" / 99.5mm	6.240"	3.579" / 90.9mm	1.220"	.927"	427	522	46120-8	46120ST-8
<b>597405C-8</b>	3.922" / 99.63mm	6.240"	3.579" / 90.9mm	1.220"	.927"	428	523	46121-8	46121ST-8
<b>597420C-8</b>	3.937" / 100mm	6.240"	3.579" / 90.9mm	1.220"	.927"	434	529	46122-8	46122ST-8
<b>STOCK STROKE -1.5cc FLAT TOP</b>									
<b>597500C-8</b>	3.917" / 99.5mm	6.240"	3.579" / 90.9mm	1.220"	.927"	400	495	46120-8	46120ST-8
<b>597505C-8</b>	3.922" / 99.63mm	6.240"	3.579" / 90.9mm	1.220"	.927"	402	497	46121-8	46121ST-8
<b>597520C-8</b>	3.937" / 100mm	6.240"	3.579" / 90.9mm	1.220"	.927"	408	503	46122-8	46122ST-8
<b>STROKER SERIES -1.5cc FLAT TOP</b>									
<b>597200C-8</b>	3.917" / 99.5mm	6.125"	4.050"	1.085"	.927"	362	457	46120-8	46120ST-8
<b>597205C-8</b>	3.922" / 99.63mm	6.125"	4.050"	1.085"	.927"	364	459	46121-8	46121ST-8
<b>597220C-8</b>	3.937" / 100mm	6.125"	4.050"	1.085"	.927"	369	464	46122-8	46122ST-8
<b>STROKER SERIES -14cc DISH</b>									
<b>597300C-8</b>	3.917" / 99.5mm	6.125"	4.050"	1.085"	.927"	351	446	46120-8	46120ST-8
<b>597305C-8</b>	3.922" / 99.63mm	6.125"	4.050"	1.085"	.927"	354	449	46121-8	46121ST-8
<b>597320C-8</b>	3.937" / 100mm	6.125"	4.050"	1.085"	.927"	359	454	46122-8	46122ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .151"      2nd: .168"      Oil: .136"



PISTONS, RINGS, & PINS

### COMMON FEATURES

- Top Ring:** 1.5 mm, .250" down
- Second Ring:** 1.5 mm
- Oil Ring:** 3 mm
- Deck Thickness:** Dome .180" / Flat Top .200" / Dish .200"
- Valve Notches:** .100" Int., .080" Exh.
- Pin Included:** Premium Chrome Moly P/N 42242  
(.130" wall, 95 grams, 2.300" long, .927" dia.)
- Round Wire Locks:** P/N 42262 - .061" wide
- Recommended:**
- Piston Clearance:** .0045" measured 1.100" from bottom of the oil ring.



### COMPRESSION RATIO CHART

Bore	Stroke	5.7L Thru 2008 85cc	5.7L 2009-Up 65cc	6.1L Head 74.5cc
		<b>9.3cc DOME</b>		
3.917" / 99.5mm	3.579"/90.9mm	9.63:1	12.42:1	10.90:1
3.922" / 99.63mm	3.579"/90.9mm	9.65:1	12.45:1	10.92:1
3.937" / 100mm	3.579"/90.9mm	9.72:1	12.53:1	11.00:1
<b>-1.5cc FLAT TOP</b>				
3.917" / 99.5mm	3.579"/90.9mm	8.62:1	10.72:1	9.60:1
3.922" / 99.63mm	3.579"/90.9mm	8.64:1	10.75:1	9.62:1
3.937" / 100mm	3.579"/90.9mm	8.70:1	10.82:1	9.69:1
3.917" / 99.5mm	4.050"	9.63:1	12.00:1	10.73:1
3.922" / 99.63mm	4.050"	9.65:1	12.03:1	10.75:1
3.937" / 100mm	4.050"	9.72:1	12.11:1	10.83:1
<b>-14cc DISH</b>				
3.917" / 99.5mm	4.050"	8.60:1	10.39:1	9.45:1
3.922" / 99.63mm	4.050"	8.62:1	10.41:1	9.47:1
3.937" / 100mm	4.050"	8.68:1	10.48:1	9.53:1

SEE PAGE 111 FOR CUSTOM PISTONS

Note: New part numbers are **ITALICIZED**.

Compression ratios are calculated at .003" deck clearance, a 3.941" head gasket ID with a .028" compressed thickness.

# PLATINUM SERIES PISTONS

## CHRYSLER 6.1L HEMI DOME, FLAT TOP & DISH



- ✓ Forged 2618 high strength material lightweight design
- ✓ 2.300" x .130" wall Premium Chrome Moly pin included - integral to the piston design
- ✓ Offset wrist pin design
- ✓ Round Wire locks and Premium Chrome Moly Wrist Pins included - NO CHARGE
- ✓ 1.5, 1.5, 3mm ring package
- ✓ Other features include forced pin oiling, pressure balance groove and precision pin fitting

Note: These pistons are designed for connecting rods with .927" diameter floating wrist pins.

Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Pin Diameter	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
								Ductile Iron Top Rings	Premium Steel Top Rings
<b>STOCK STROKE 5cc DOME</b>									
597660C-8	4.060"	6.240"	3.579" / 90.9mm	1.220"	.927"	453	548	46116-8	46116ST-8
597665C-8	4.065"	6.240"	3.579" / 90.9mm	1.220"	.927"	455	550	46116-8	46116ST-8
597680C-8	4.080"	6.240"	3.579" / 90.9mm	1.220"	.927"	461	556	46118-8	46118ST-8
<b>STOCK STROKE -21cc DISH</b>									
597760C-8	4.060"	6.240"	3.579" / 90.9mm	1.220"	.927"	419	514	46116-8	46116ST-8
597765C-8	4.065"	6.240"	3.579" / 90.9mm	1.220"	.927"	421	516	46116-8	46116ST-8
597780C-8	4.080"	6.240"	3.579" / 90.9mm	1.220"	.927"	425	520	46118-8	46118ST-8
<b>STROKER SERIES -1.5cc FLAT TOP</b>									
597860C-8	4.060"	6.125"	4.050"	1.085"	.927"	392	487	46116-8	46116ST-8
597865C-8	4.065"	6.125"	4.050"	1.085"	.927"	394	489	46116-8	46116ST-8
597880C-8	4.080"	6.125"	4.050"	1.085"	.927"	398	493	46118-8	46118ST-8
<b>STROKER SERIES -31cc DISH</b>									
597960C-8	4.060"	6.125"	4.050"	1.085"	.927"	376	471	46116-8	46116ST-8
597965C-8	4.065"	6.125"	4.050"	1.085"	.927"	378	473	46116-8	46116ST-8
597980C-8	4.080"	6.125"	4.050"	1.085"	.927"	383	478	46118-8	46118ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .151"      2nd: .168"      Oil: .136"



### COMMON FEATURES

- Top Ring:** 1.5 mm, .250" down
- Second Ring:** 1.5 mm
- Oil Ring:** 3 mm
- Deck Thickness:** Dome .200" / Flat Top .200" / Dish .200"
- Valve Notches:** .100" Int., .080" Exh.
- Pin Included:** Premium Chrome Moly P/N 42242  
(.130" wall, 95 grams, 2.300" long, .927" dia.)
- Round Wire Locks:** P/N 42262 - .061" wide
- Recommended Piston Clearance:** .0045" measured 1.100" from bottom of the oil ring.

### COMPRESSION RATIO CHART

Bore	Stroke	5cc Dome	Flat Top	-21cc Dish	-31cc Dish
4.060"	3.579"/90.9mm	10.64:1	-----	8.25:1	-----
4.065"	3.579"/90.9mm	10.66:1	-----	8.26:1	-----
4.080"	3.579"/90.9mm	10.73:1	-----	8.32:1	-----
4.060"	4.050"	-----	11.07:1	-----	8.49:1
4.065"	4.050"	-----	11.10:1	-----	8.50:1
4.080"	4.050"	-----	11.17:1	-----	8.56:1

Compression ratios are calculated at .003" deck clearance, a 4.100" head gasket ID with a .040" compressed thickness and a 74.5cc combustion chamber.

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## FORD 4.6L & 5.4L (3 VALVE) 6.5cc, 14cc & 18cc DISH PISTONS

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
				<b>-6.5cc DISH</b>				
<b>594300C-8</b>	3.552"	5.933"	3.543"	1.220"	352	440	46600-8	46600ST-8
<b>594320C-8</b>	3.572"	5.933"	3.543"	1.220"	362	450	46620-8	46620ST-8
<b>594330C-8</b>	3.582"	5.933"	3.543"	1.220"	367	455	46630-8	46630ST-8
				<b>-14cc DISH TURBO SERIES</b>				
<b>594500C-8</b>	3.552"	5.933"	3.543"	1.220"	360	448	46600-8	46600ST-8
<b>594520C-8</b>	3.572"	5.933"	3.543"	1.220"	370	458	46620-8	46620ST-8
<b>594530C-8</b>	3.582"	5.933"	3.543"	1.220"	375	463	46630-8	46630ST-8
<b>594570C-8</b>	3.700"	5.933"	3.543"	1.220"	413	501	46670-8	46670ST-8
				<b>-14cc DISH STROKER TURBO SERIES</b>				
<b>595500C-8</b>	3.552"	5.850"	3.750"	1.200"	375	463	46600-8	46600ST-8
<b>595520C-8</b>	3.572"	5.850"	3.750"	1.200"	382	470	46620-8	46620ST-8
<b>595530C-8</b>	3.582"	5.850"	3.750"	1.200"	385	473	46630-8	46630ST-8
				<b>-18cc DISH STROKER TURBO SERIES</b>				
<b>595570C-8</b>	3.700"	5.850"	3.750"	1.200"	421	509	46670-8	46670ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .162" 2nd: .152" Oil: .145"

## FORD 4.6L & 5.4L SOHC & DOHC (2 & 4 VALVE) AND 5.4L (3 VALVE) FLAT TOP PISTONS

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
<b>594000C-8</b>	3.552"	5.933" / 6.657"	3.543" / 4.165"	1.220"	335	423	46600-8	46600ST-8
<b>594020C-8</b>	3.572"	5.933" / 6.657"	3.543" / 4.165"	1.220"	345	433	46620-8	46620ST-8
<b>594030C-8</b>	3.582"	5.933" / 6.657"	3.543" / 4.165"	1.220"	350	438	46630-8	46630ST-8
<b>594070C-8</b>	3.700"	5.933" / 6.657"	3.543" / 4.165"	1.220"	388	476	46670-8	46670ST-8
				<b>STROKER SERIES</b>				
<b>595000C-8</b>	3.552"	5.850"	3.750"	1.200"	350	438	46600-8	46600ST-8
<b>595020C-8</b>	3.572"	5.850"	3.750"	1.200"	357	445	46620-8	46620ST-8
<b>595030C-8</b>	3.582"	5.850"	3.750"	1.200"	360	448	46630-8	46630ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .162" 2nd: .152" Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

### COMMON FEATURES

**Dome Volume:** 0cc Flat Top, -6.5cc, -14cc, and -18cc Dish  
**Top Ring:** 1.5 mm, .220" down  
**Second Ring:** 1.5 mm  
**Oil Ring:** 3 mm  
**Deck Thickness:** .185"  
**Pin Included:** Premium Chrome Moly P/N 42203 (.120" wall, 88 grams, 2.500" long, 22mm dia.)

**Round Wire Locks:** P/N 42270 - .061" wide  
**Recommended Piston Clearance:** .003" measured .850" from bottom of the oil ring

SEE PAGE 107 FOR COMPRESSION RATIOS  
SEE PAGE 111 FOR CUSTOM PISTONS

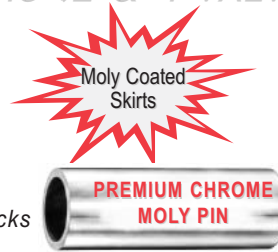
Note: New part numbers are *ITALICIZED*.

# PLATINUM SERIES PISTONS

## FORD 4.6L & 5.4L SOHC & DOHC (2 & 4 VALVE) AND 5.4L (3 VALVE)

### 11cc DISH PISTON

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
<b>594100C-8</b>	3.552"	5.933" / 6.657"	3.543" / 4.165"	1.220"	350	438	46600-8	46600ST-8
<b>594120C-8</b>	3.572"	5.933" / 6.657"	3.543" / 4.165"	1.220"	355	443	46620-8	46620ST-8
<b>594130C-8</b>	3.582"	5.933" / 6.657"	3.543" / 4.165"	1.220"	362	450	46630-8	46630ST-8
<b>STROKER SERIES</b>								
<b>595100C-8</b>	3.552"	5.850"	3.750"	1.200"	346	434	46600-8	46600ST-8
<b>595120C-8</b>	3.572"	5.850"	3.750"	1.200"	353	441	46620-8	46620ST-8
<b>595130C-8</b>	3.582"	5.850"	3.750"	1.200"	358	446	46630-8	46630ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness:  
Top: .162"      2nd: .152"      Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

## FORD 4.6L & 5.4L SOHC & DOHC (2 & 4 VALVE) AND 5.4L (3 VALVE)

### 18cc SPHERICAL DISH PISTON

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
<b>594200C-8</b>	3.552"	5.933" / 6.657"	3.543" / 4.165"	1.220"	384	472	46600-8	46600ST-8
<b>594220C-8</b>	3.572"	5.933" / 6.657"	3.543" / 4.165"	1.220"	390	478	46620-8	46620ST-8
<b>594230C-8</b>	3.582"	5.933" / 6.657"	3.543" / 4.165"	1.220"	393	481	46630-8	46630ST-8
<b>594270C-8</b>	3.700"	5.933" / 6.657"	3.543" / 4.165"	1.220"	431	519	46670-8	46670ST-8
<b>STROKER SERIES</b>								
<b>595200C-8</b>	3.552"	5.850"	3.750"	1.200"	372	460	46600-8	46600ST-8
<b>595220C-8</b>	3.572"	5.850"	3.750"	1.200"	380	468	46620-8	46620ST-8
<b>595230C-8</b>	3.582"	5.850"	3.750"	1.200"	383	471	46630-8	46630ST-8
<b>595270C-8</b>	3.700"	5.850"	3.750"	1.200"	421	509	46670-8	46670ST-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness:  
Top: .162"      2nd: .152"      Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

### COMMON FEATURES

**Dome Volume:** -11cc and -18cc  
**Deck Thickness:** .185"  
**Top Ring:** 1.5 mm, .220" down  
**Second Ring:** 1.5 mm  
**Oil Ring:** 3 mm  
**Pin Included:** Premium Chrome Moly P/N 42203  
 (.120" wall, 88 grams, 2.500" long, 22mm dia.)

**Round Wire Locks:** P/N 42270 - .061" wide  
**Recommended**  
**Piston Clearance:** .003" measured .850" from bottom of the oil ring

Note: New part numbers are **ITALICIZED**.

SEE PAGE 107 FOR COMPRESSION RATIOS  
SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## FORD 4.6L & 5.4L SOHC & DOHC (2 & 4 VALVE) AND 5.4L (3 VALVE)

### 23cc DISH PISTON

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
<b>594400C-8</b>	3.552"	5.933" / 6.657"	3.543" / 4.165"	1.220"	351	439	<b>46600-8</b>	<b>46600ST-8</b>
<b>594420C-8</b>	3.572"	5.933" / 6.657"	3.543" / 4.165"	1.220"	359	447	<b>46620-8</b>	<b>46620ST-8</b>
<b>594430C-8</b>	3.582"	5.933" / 6.657"	3.543" / 4.165"	1.220"	363	451	<b>46630-8</b>	<b>46630ST-8</b>
<b>594470C-8</b>	3.700"	5.933" / 6.657"	3.543" / 4.165"	1.220"	401	489	<b>46670-8</b>	<b>46670ST-8</b>
<b>STROKER SERIES</b>								
<b>595400C-8</b>	3.552"	5.850"	3.750"	1.200"	336	424	<b>46600-8</b>	<b>46600ST-8</b>
<b>595420C-8</b>	3.572"	5.850"	3.750"	1.200"	342	430	<b>46620-8</b>	<b>46620ST-8</b>
<b>595430C-8</b>	3.582"	5.850"	3.750"	1.200"	346	434	<b>46630-8</b>	<b>46630ST-8</b>
<b>595470C-8</b>	3.700"	5.850"	3.750"	1.200"	384	472	<b>46670-8</b>	<b>46670ST-8</b>

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .162" 2nd: .152" Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

PISTONS, RINGS, & PINS

## FORD 4.6L STROKER SOHC & DOHC (2 & 4 VALVE)

### 28cc DISH PISTON

- ✓ 2618 high strength material lightweight design
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Sets	
							Ductile Iron Top Rings	Premium Steel Top Rings
<b>595600C-8</b>	3.552"	5.850"	3.750"	1.200"	341	429	<b>46600-8</b>	<b>46600ST-8</b>
<b>595620C-8</b>	3.572"	5.850"	3.750"	1.200"	347	435	<b>46620-8</b>	<b>46620ST-8</b>
<b>595630C-8</b>	3.582"	5.850"	3.750"	1.200"	351	439	<b>46630-8</b>	<b>46630ST-8</b>
<b>595670C-8</b>	3.700"	5.850"	3.750"	1.200"	389	477	<b>46670-8</b>	<b>46670ST-8</b>

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness  
Top: .162" 2nd: .152" Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

### COMMON FEATURES

**Dome Volume:** -23cc and -28cc  
**Deck Thickness:** .185"  
**Top Ring:** 1.5 mm, .220" down  
**Second Ring:** 1.5 mm  
**Oil Ring:** 3 mm  
**Pin Included:** Premium Chrome Moly P/N 42203  
 (.120" wall, 88 grams, 2.500" long, 22mm dia.)

**Round Wire Locks:** P/N 42270 - .061" wide  
**Recommended Piston Clearance:** .003" measured .850" from bottom of the oil ring

Note: New part numbers are **ITALICIZED**.

SEE PAGE 107 FOR COMPRESSION RATIOS  
SEE PAGE 111 FOR CUSTOM PISTONS

# STREET MASTER PISTONS

## FORD 4.6L & 5.4L SOHC & DOHC (2 & 4 VALVE) AND 5.4L (3 VALVE)

### "STREET MASTER" SERIES FORGED ALUMINUM 18cc SPHERICAL DISH PISTON

- ✓ Perfect blend of economy and high performance
- ✓ 1.2 mm offset wrist pin location for quiet start-ups. Mimics OEM design
- ✓ Perfect ring groove to skirt squareness
- ✓ Pressure balance groove
- ✓ 2.500" length Premium Chrome Moly pin included with round wire locks
- ✓ Full banded skirt design for increased skirt stability



Part No.	Bore Size	Rod Length	Stroke	Compression Distance	Piston Wt / Gms	Piston & Pin Wt / Gms	Piston Ring Set
494200-8	3.552"	5.933" / 6.657"	3.543" / 4.165"	1.220"	369	457	46600-8
494220-8	3.572"	5.933" / 6.657"	3.543" / 4.165"	1.220"	376	464	46620-8
494230-8	3.582"	5.933" / 6.657"	3.543" / 4.165"	1.220"	379	467	46630-8

The root diameter of the ring grooves accommodates Manley rings and others which have the following radial thickness:

Top: .162"      2nd: .152"      Oil: .145"

The pistons above will also work for the 6.8L V10 modular.

### COMMON FEATURES

Dome Volume: -18cc  
 Compression Ratio: 8.53:1 w/ 51cc & 3.543" Stroke  
 Top Ring: 1.5 mm, .220" down  
 Second Ring: 1.5 mm  
 Oil Ring: 3 mm

Pin Included: Premium Chrome Moly P/N 42203  
 (.120" wall, 88 grams, 2.500" long)  
 Round Wire Locks: P/N 42270 - .061" wide  
 Recommended: .0035" measured .850" from bottom of  
 Piston Clearance: the oil ring

### FORD MODULAR COMPRESSION RATIOS

BORE	STROKE	42cc	51cc	52cc
<b>Flat Top 4.6/5.4L</b>				
3.552	3.543	12.65	10.86	10.69
3.572	3.543	12.78	10.97	10.80
3.582	3.543	12.85	11.02	10.85
3.700	3.543	13.55	11.63	11.45
3.552	3.750	13.33	11.43	11.26
3.572	3.750	13.47	11.55	11.37
3.582	3.750	13.54	11.61	11.43
3.552	4.165	11.01	9.83	9.72
3.572	4.165	11.09	9.91	9.79
3.582	4.165	11.13	9.95	9.83
3.700	4.165	11.56	10.35	10.23
<b>11cc 4.6/5.4L Std Dish</b>				
3.552	3.543	10.53	9.29	9.18
3.572	3.543	10.64	9.39	9.27
3.582	3.543	10.69	9.43	9.31
3.552	3.750	11.09	9.78	9.65
3.572	3.750	11.20	9.88	9.75
3.582	3.750	11.25	9.92	9.80
3.552	4.165	9.61	8.72	8.64
3.572	4.165	9.68	8.79	8.70
3.582	4.165	9.72	8.83	8.74
<b>18cc 4.6/5.4L Spherical Dish</b>				
3.552	3.543	9.54	8.53	8.44
3.572	3.543	9.63	8.62	8.52
3.582	3.543	9.68	8.66	8.56
3.700	3.543	10.21	9.13	9.03
3.552	3.750	10.04	8.97	8.87
3.572	3.750	10.14	9.06	8.96
3.582	3.750	10.19	9.11	9.00
3.700	3.750	10.75	9.61	9.50
3.552	4.165	8.91	8.15	8.08
3.572	4.165	8.97	8.22	8.14
3.582	4.165	9.01	8.25	8.17
3.700	4.165	9.39	8.61	8.53

BORE	STROKE	42cc	51cc	52cc
<b>23cc 4.6/5.4L Std Dish</b>				
3.552	3.543	8.95	8.07	7.98
3.572	3.543	9.04	8.15	8.06
3.582	3.543	9.08	8.19	8.10
3.700	3.543	9.58	8.64	8.54
3.552	3.750	9.41	8.48	8.39
3.572	3.750	9.51	8.57	8.47
3.582	3.750	9.55	8.61	8.52
3.700	3.750	10.08	9.08	8.98
3.552	4.165	8.47	7.79	7.73
3.572	4.165	8.53	7.85	7.79
3.582	4.165	8.57	7.89	7.82
3.700	4.165	8.93	8.23	8.16
<b>28cc 4.6L Std Dish</b>				
3.552	3.750	8.87	8.05	7.97
3.572	3.750	8.96	8.13	8.05
3.582	3.750	9.00	8.17	8.09
3.700	3.750	9.50	8.62	8.53
<b>6.5cc 4.6L 3V Std Dish</b>				
3.552	3.543		9.86	
3.572	3.543		9.95	
3.582	3.543		10.00	
<b>14cc 4.6L 3V Std Dish</b>				
3.552	3.543		8.94	
3.572	3.543		9.03	
3.582	3.543		9.07	
3.700	3.543		9.58	
3.552	3.750		9.41	
3.572	3.750		9.51	
3.582	3.750		9.55	
<b>18cc 4.6L 3V Spherical Dish</b>				
3.700	3.750		9.64	

Head Gasket Bore 3.620 (3.552-3.582)      4.6L Deck Clearance .008  
 Head Gasket Bore 3.700 (3.700)      5.4L Deck Clearance .120  
 Compressed Gasket Thickness .036

42cc Combustion Chamber is 99-up PI 2V  
 51cc Combustion Chamber is 92-98 2V & 04-up 3V  
 52cc Combustion Chamber is 93-up 4V

4.6L Stock Stroke 3.543 using 5.933 Connecting Rod and 1.220 C/H  
 4.6L Stroker 3.750 using 5.850 Connecting Rod and 1.200 C/H  
 5.4L Stock Stroke 4.165 using 6.657 Connecting Rod and 1.220 C/H.

# PLATINUM SERIES PISTONS

## ACURA / HONDA

- ✓ 2618 high strength material
- ✓ Lightweight design
- ✓ Premium Chrome Moly pin included
- ✓ 9310 alloy .210" wall pin upgrades available (except 22mm x 2.500" applications) See page 113
- ✓ Perfect ring groove to skirt squareness
- ✓ Round Wire locks included - NO CHARGE
- ✓ Pressure balance groove
- ✓ Rings included - NO CHARGE



Part No.	Bore Size mm	Over Size	Rod Length	Stroke mm	Compression Distance	Dome Volume(cc)	Compression Ratio	Piston Type	Piston Wt / Gms	Included Ring Set
<b>Acura Integra GSR 94-01 - B18C1 DOHC V-Tec .827"/21mm x 2.250" Pin x .150" Wall</b>										
600000-4	81.0	STD	5.433"	87.2	1.181"	-9.3	9.0:1	Dish	290	46810-4
600005-4	81.5	+.5mm	5.433"	87.2	1.181"	-9.3	9.0:1	Dish	294	46815-4
600100-4	81.0	STD	5.433"	87.2	1.181"	1.2	11.0:1	Dome	293	46810-4
600105-4	81.5	+.5mm	5.433"	87.2	1.181"	1.2	11.0:1	Dome	297	46815-4
600200-4	81.0	STD	5.433"	87.2	1.195"	6.7	12.5:1	Dome	295	46810-4
600205-4	81.5	+.5mm	5.433"	87.2	1.195"	6.7	12.5:1	Dome	299	46815-4
<b>Acura Integra Type R 97-00 - B18C5 DOHC V-Tec .827"/21mm x 2.250" Pin x .150" Wall</b>										
601005-4	81.5	+.5mm	5.433"	87.2	1.195"	3.4	11.5:1	Dome	315	46815-4
601105-4	81.5	+.5mm	5.433"	87.2	1.195"	-9.8	9.0:1	Dish	294	46815-4
<b>Acura RSX 02-Up - K20A-A2-A3 DOHC V-Tec .866"/22mm x 2.500" Pin x .150" Wall</b>										
610000-4	86.0	STD	5.472"	86.0	1.181"	-6.5	9.0:1	Dish	319	46860-4
610100-4	86.0	STD	5.472"	86.0	1.181"	8.4	11.5:1	Dome	324	46860-4
610200-4	86.0	STD	5.472"	86.0	1.181"	12.5	12.5:1	Dome	329	46860-4
<b>Honda CRV 97-00 - B20B4 w/ B16A1-A2-A3 Head .827"/21mm x 2.250" Pin x .150" Wall</b>										
602000-4	84.0	STD	5.394"	89.0	1.181"	-11.9	9.0:1	Dish	299	46840-4
602005-4	84.5	+.5mm	5.394"	89.0	1.181"	-11.9	9.0:1	Dish	312	46845-4
602010-4	85.0	+1.0mm	5.394"	89.0	1.181"	-11.9	9.0:1	Dish	325	46850-4
602100-4	84.0	STD	5.394"	89.0	1.181"	4.8	12.5:1	Dome	318	46840-4
602105-4	84.5	+.5mm	5.394"	89.0	1.181"	4.8	12.5:1	Dome	331	46845-4
602110-4	85.0	+1.0mm	5.394"	89.0	1.181"	4.8	12.5:1	Dome	344	46850-4
<b>Honda CRV 02-Up - K24A w/ K20A-A2-A3 Head DOHC V-Tec .866"/22mm x 2.500" Pin x .150" Wall</b>										
611000-4	87.0	STD	5.984"	99.0	1.181"	-17.9	9.0:1	Dish	334	46870-4
611100-4	87.0	STD	5.984"	99.0	1.181"	-1.0	11.5:1	Flat Top	339	46870-4
611200-4	87.0	STD	5.984"	99.0	1.181"	4.5	12.5:1	Dome	344	46870-4
<b>Honda Del Sol 93-97/Civic SI 99-00 - B16A1-A2-A3 DOHC V-Tec .827"/21mm x 2.250" Pin x .150" Wall</b>										
603000-4	81.0	STD	5.290"	77.4	1.181"	8.0	11.0:1	Dome	310	46810-4
603005-4	81.5	+.5mm	5.290"	77.4	1.181"	8.0	11.0:1	Dome	316	46815-4
603100-4	81.0	STD	5.290"	77.4	1.181"	-2.2	9.8:1	Flat Top	291	46810-4
603105-4	81.5	+.5mm	5.290"	77.4	1.181"	-2.2	9.8:1	Flat Top	297	46815-4

SEE PAGE 111 FOR CUSTOM PISTONS

# PLATINUM SERIES PISTONS

## MITSUBISHI

- ✓ 2618 high strength material; Lightweight design
- ✓ Premium Chrome Moly pin included
- ✓ 9310 alloy .210" wall pin upgrades available, see page 113
- ✓ Pressure balance groove
- ✓ Round Wire locks included - NO CHARGE
- ✓ Rings included - NO CHARGE



Part No.	Bore Size mm	Over Size	Rod Length mm	Stroke mm	Comp Distance	Dome Volume (cc)	Cylinder Head (cc)	Comp Ratio	Piston Type	Piston Wt / Gms	Included Ring Set
<b>Mitsubishi Eclipse GS/GST/GSX-Eagle Talon TSi 90-93.5 (6 Bolt) - 4G63/4G63T</b> .827"/21mm x 2.250" Pin x .150" Wall using 150mm Rods											
<i>60500C-4</i>	85.0	STD	150.00	88	1.375"	-12	47	8.5:1	Dish	340	<i>46850-4</i>
<i>60505C-4</i>	85.5	+5mm	150.00	88	1.375"	-12	47	8.5:1	Dish	344	<i>46855-4</i>
<i>60510C-4</i>	86.0	+1.0mm	150.00	88	1.375"	-12	47	8.5:1	Dish	348	<i>46860-4</i>
<i>605100C-4</i>	85.0	STD	150.00	88	1.375"	-8	47	9.0:1	Dish	349	<i>46850-4</i>
<i>605105C-4</i>	85.5	+5mm	150.00	88	1.375"	-8	47	9.0:1	Dish	356	<i>46855-4</i>
<i>605110C-4</i>	86.0	+1.0mm	150.00	88	1.375"	-8	47	9.0:1	Dish	365	<i>46860-4</i>
<b>Mitsubishi Eclipse GST/GSX-Eagle Talon TSi 93.5-99 (7 Bolt) - 4G63/4G63T Evo VIII, IX 03-06 4G63T</b> .866"/22mm x 2.250" Pin x .150" Wall using 150mm Rods											
<i>60600C-4</i>	85.0	STD	150.00	88	1.375"	-12	47	8.5:1	Dish	337	<i>46850-4</i>
<i>60605C-4</i>	85.5	+5mm	150.00	88	1.375"	-12	47	8.5:1	Dish	341	<i>46855-4</i>
<i>60610C-4</i>	86.0	+1.0mm	150.00	88	1.375"	-12	47	8.5:1	Dish	345	<i>46860-4</i>
<i>60615C-4</i>	86.5	+1.5mm	150.00	88	1.375"	-12	47	8.5:1	Dish	349	<i>46865-4</i>
<i>606100C-4</i>	85.0	STD	150.00	88	1.375"	-8	47	9.0:1	Dish	342	<i>46850-4</i>
<i>606105C-4</i>	85.5	+5mm	150.00	88	1.375"	-8	47	9.0:1	Dish	350	<i>46855-4</i>
<i>606110C-4</i>	86.0	+1.0mm	150.00	88	1.375"	-8	47	9.0:1	Dish	358	<i>46860-4</i>
<b>Mitsubishi Eclipse GST/GSX-Eagle Talon TSi 93.5-99 (7 Bolt) - 4G63/4G63T Evo VIII, IX 03-06 4G63T</b> .866"/22mm x 2.250" Pin x .150" Wall using 156mm Rods											
<i>61700C-4</i>	85.0	STD	156.00	88	1.130"	-12	47	8.5:1	Dish	TBA	<i>46850-4</i>
<i>61705C-4</i>	85.5	+5mm	156.00	88	1.130"	-12	47	8.5:1	Dish	TBA	<i>46855-4</i>
<i>61710C-4</i>	86.0	+1.0mm	156.00	88	1.130"	-12	47	8.5:1	Dish	TBA	<i>46860-4</i>
<b>Mitsubishi 94mm Stroker 93.5-99 (7 Bolt) - 4G63/4G63T - Evo VIII, IX Stroker 03-06</b> .866"/22mm x 2.250" Pin x .150" Wall using 150mm Rods											
<i>61800C-4</i>	85.0	STD	150.00	94	1.248"	-17	47	8.5:1	Dish	TBA	<i>46850-4</i>
<i>61805C-4</i>	85.5	+5mm	150.00	94	1.248"	-17	47	8.5:1	Dish	TBA	<i>46855-4</i>
<i>61810C-4</i>	86.0	+1.0mm	150.00	94	1.248"	-17	47	8.5:1	Dish	TBA	<i>46860-4</i>
<b>Mitsubishi 94mm Stroker 93.5-99 (7 Bolt) - 4G63/4G63T - Evo VIII, IX Stroker 03-06</b> .866"/22mm x 2.250" Pin x .150" Wall using 156mm Rods											
<i>61900C-4</i>	85.0	STD	156.00	94	1.012"	-17	47	8.5:1	Dish	TBA	<i>46850-4</i>
<i>61905C-4</i>	85.5	+5mm	156.00	94	1.012"	-17	47	8.5:1	Dish	TBA	<i>46855-4</i>
<i>61910C-4</i>	86.0	+1.0mm	156.00	94	1.012"	-17	47	8.5:1	Dish	TBA	<i>46860-4</i>
<b>Mitsubishi 100mm Stroker 90-93.5 (6 Bolt) - 4G63/4G63T</b> .827"/21mm x 2.250" Pin x .150" Wall using 150mm Rods											
<i>60705C-4</i>	85.5	+5mm	150.00	100	1.130"	-22	47	8.5:1	Dish	300	<i>46855-4</i>
<b>Mitsubishi 100mm Stroker 93.5-99 (7 Bolt) - 4G63/4G63T - Evo VIII, IX Stroker 03-06</b> .866"/22mm x 2.250" Pin x .150" Wall using 150mm Rods											
<i>60800C-4</i>	85.0	STD	150.00	100	1.130"	-22	47	8.5:1	Dish	291	<i>46850-4</i>
<i>60805C-4</i>	85.5	+5mm	150.00	100	1.130"	-22	47	8.5:1	Dish	295	<i>46855-4</i>
<i>60810C-4</i>	86.0	+1.0mm	150.00	100	1.130"	-22	47	8.5:1	Dish	299	<i>46860-4</i>
<b>Mitsubishi 4G64 w/ 4G63 Head 95-99</b> .866"/22mm x 2.250" Pin x .150" Wall using 150mm rods											
<i>61300C-4</i>	86.5	STD	150.00	100	1.375"	-23.5	47	8.5:1	Dish	338	<i>46865-4</i>
<i>61305C-4</i>	87.0	+5mm	150.00	100	1.375"	-23.5	47	8.5:1	Dish	346	<i>46870-4</i>
<b>Mitsubishi EVO X 08-Up - 4B11T .9055"/23mm x 2.250" Pin x .150" Wall</b>											
<i>61400C-4</i>	86.0	STD	143.66	86	1.313"	-5	49	9.0:1	Dish	337	<i>46860-4</i>
<i>61405C-4</i>	86.5	+5mm	143.66	86	1.313"	-5	49	9.0:1	Dish	343	<i>46865-4</i>

Groove lock spacers are supplied with all 1.130" CD pistons.

EVO VIII and IX (4G63) have a 43cc chamber volume which when used with the appropriate pistons above increases the compression ratio 0.5:1.

SEE PAGE 111 FOR CUSTOM PISTONS

Note: New part numbers are *ITALICIZED*.

# PLATINUM SERIES PISTONS

## HYUNDAI / SUBARU / TOYOTA

- ✓ 2618 high strength material; Lightweight design
- ✓ Premium Chrome Moly pin included
- ✓ 9310 alloy .210" wall pin upgrades available (except 22mm x 2.500" applications) See page 113
- ✓ Pressure balance groove
- ✓ Round Wire locks included - NO CHARGE
- ✓ Rings included - NO CHARGE



Part No.	Bore Size mm	Over Size	Rod Length mm	Stroke mm	Comp Distance	Dome Volume (cc)	Cylinder Head (cc)	Comp Ratio	Piston Type	Piston Wt / Gms	Included Ring Set
Hyundai Genesis Coupe 2.0L Turbo Theta I4 .866"/22mm x 2.250" Pin x .150" Wall											
<b>616000C-4</b>	86.00	STD	5.753"	86	1.181"	-2.5		9.3:1	Dish	325	<b>46860-4</b>
<b>616005C-4</b>	86.50	+5mm	5.753"	86	1.181"	-2.5		9.3:1	Dish	332	<b>46865-4</b>
Subaru WRX 1998-Up - EJ20 .9055"/23mm x 2.500" Pin x .180" Wall											
<b>615000C-4</b>	92.00	STD	5.137"	75	1.285"	-12	48	8.5:1	Dish	369	<b>46920-4</b>
<b>615005C-4</b>	92.50	+5mm	5.137"	75	1.285"	-12	48	8.5:1	Dish	375	<b>46925-4</b>
<b>615010C-4</b>	93.00	+1.0mm	5.137"	75	1.285"	-12	48	8.5:1	Dish	383	<b>46930-4</b>
Subaru WRX Stroker 1998-up - EJ20 .9055"/23mm x 2.500" Pin x .180" Wall											
<b>620000C-4</b>	92.00	STD	5.137"	79	1.209"	-16	48	8.5:1	Dish	TBA	<b>46920-4</b>
<b>620005C-4</b>	92.50	+5mm	5.137"	79	1.209"	-16	48	8.5:1	Dish	TBA	<b>46925-4</b>
<b>620010C-4</b>	93.00	+1.0mm	5.137"	79	1.209"	-16	48	8.5:1	Dish	TBA	<b>46930-4</b>
Subaru WRX Sti De-Stroke 2004-up - EJ257 .9055"/23mm x 2.500" Pin x .180" Wall											
<b>621000C-4</b>	99.50	STD	5.141"	75	1.285"	-18	51	8.5:1	Dish	TBA	<b>46995-4</b>
<b>621002C-4</b>	99.75	+25mm	5.141"	75	1.285"	-18	51	8.5:1	Dish	TBA	<b>46997-4</b>
<b>621005C-4</b>	100.00	+5mm	5.141"	75	1.285"	-18	51	8.5:1	Dish	TBA	<b>461000-4</b>
<b>621100C-4</b>	99.50	STD	5.141"	75	1.285"	-6	51	9.8:1	Dish	TBA	<b>46995-4</b>
<b>621102C-4</b>	99.75	+25mm	5.141"	75	1.285"	-6	51	9.8:1	Dish	TBA	<b>46997-4</b>
<b>621105C-4</b>	100.00	+5mm	5.141"	75	1.285"	-6	51	9.8:1	Dish	TBA	<b>461000-4</b>
Subaru WRX Sti 2004-Up - EJ257 .9055"/23mm x 2.500" Pin x .180" Wall											
<b>612000C-4</b>	99.50	STD	5.141"	79	1.209"	-22	51	8.5:1	Dish	417	<b>46995-4</b>
<b>612002C-4</b>	99.75	+25mm	5.141"	79	1.209"	-22	51	8.5:1	Dish	422	<b>46997-4</b>
<b>612005C-4</b>	100.00	+5mm	5.141"	79	1.209"	-22	51	8.5:1	Dish	425	<b>461000-4</b>
<b>612100C-4</b>	99.50	STD	5.141"	79	1.209"	-10	51	9.8:1	Dish	439	<b>46995-4</b>
<b>612102C-4</b>	99.75	+25mm	5.141"	79	1.209"	-10	51	9.8:1	Dish	443	<b>46997-4</b>
<b>612105C-4</b>	100.00	+5mm	5.141"	79	1.209"	-10	51	9.8:1	Dish	446	<b>461000-4</b>
Subaru WRX Sti Stroker 2004-up - EJ257 .9055"/23mm x 2.500" Pin x .180" Wall											
<b>622000C-4</b>	99.50	STD	5.141"	83	1.130"	-26	51	8.5:1	Dish	TBA	<b>46995-4</b>
<b>622002C-4</b>	99.75	+25mm	5.141"	83	1.130"	-26	51	8.5:1	Dish	TBA	<b>46997-4</b>
<b>622005C-4</b>	100.00	+5mm	5.141"	83	1.130"	-26	51	8.5:1	Dish	TBA	<b>461000-4</b>
<b>622100C-4</b>	99.50	STD	5.141"	83	1.130"	-14	51	9.8:1	Dish	TBA	<b>46995-4</b>
<b>622102C-4</b>	99.75	+25mm	5.141"	83	1.130"	-14	51	9.8:1	Dish	TBA	<b>46997-4</b>
<b>622105C-4</b>	100.00	+5mm	5.141"	83	1.130"	-14	51	9.8:1	Dish	TBA	<b>461000-4</b>
Toyota Supra Turbo 93-98 - 2JZGTE 3.0L .866"/22mm x 2.500" Pin x .150" Wall											
<b>609005C-6</b>	86.50	+5mm	5.590"	86	1.338"	-14	45	8.5:1	Dish	355	<b>46865-6</b>

PISTONS, RINGS, & PINS

SEE PAGE 111 FOR CUSTOM PISTONS

Note: New part numbers are **ITALICIZED**.

# PLATINUM SERIES PISTONS

## PLATINUM PISTONS INCREMENTAL SIZES

Manley Performance will manufacture incremental bore sizes of any listed catalog piston with reasonably short lead times. The minimum quantity is eight pieces.

*The ordering process is as simple as 1 - 2 - 3 !*

1. Select the catalog part number you wish manufactured with the singular exception of the final bore size.
2. Tell us the bore size of your block. We will manufacture the exact piston number you have selected with proper clearance for your stated block dimension.
3. You will be billed by our forging number, not the catalog part number.

## CUSTOM PLATINUM PISTONS

Manley Performance inventories the piston forgings listed below to manufacture custom pistons for original equipment engine producers, private label engine part suppliers and volume performance engine builders. We can also produce a forging within ten weeks for any other application a customer may desire.

## CUSTOM BLANK FORGING NUMBERS

Part No.	Bore Range	Description	Valve Angle	Wrist Pin Length
581200-4	80.5mm - 88.0mm	Sport Compact Dish, Flat Top, Dome	Factory	2.250" / 2.500"
581400-8	3.900" - 4.100"	Small Block Chevy LS-1 Flat Top	15° - 18°	2.300" / 2.500"
581000-8	4.000" - 4.155"	Small Block Chevy & Flat Top	21° - 23°	2.300"
583000-8	4.125" - 4.250"	Small Block Chevy Flat or Dish; Oldsmobile	13°	2.750" / 2.950"
589000-8	4.000" - 4.060"	Small Block Chevy Formula Won	21° - 23°	2.300"
586000-8	4.470" - 4.625"	Big Block Chevy Flat Top & Inverted Dome	Factory	2.930"
581100-8	4.500" - 4.600"	Big Block Chevy Hollow Dome	Factory	2.930"
588000-8	3.550" - 3.700"	Ford 4.6L and 5.4L 2618 Material	Factory	2.500"
488000-8	3.550" - 3.700"	Ford 4.6L and 5.4L High Silicon "Street Master" Material	Factory	2.500"

## MINIMUM QUANTITIES

Minimum quantities depend on the variance from pistons we have previously produced, but in general, reasonably small numbers such as 80 pieces can be manufactured on a one time order basis. With an annual contract, even smaller monthly releases such as 40 pieces are possible.

## SELECTED PISTON PINS

Manley Performance carries in stock the following piston pins to support our custom blank forging inventory.

Forging No.	Piston Pin Selection
581200	42203 - 42207 - 42225 - 42243 - 42251
581400	42200 - 42204 - 42215 - 42216 - 42217 42218 - 42228 - 42241 - 42242
581000	42215 - 42216 - 42217 - 42218 - 42241 - 42242
583000	42210 - 42211 - 42213 - 42214 - 42231
589000	42215 - 42241
586000	42201 - 42202 - 42219 - 42220
581100	42201 - 42202 - 42219 - 42220
588000	42203 - 42207 - 42227 - 42230
488000	42203 - 42207 - 42227 - 42230

Please refer to page 113 for piston pin detailed information

## GROOVE LOCK SPACERS

Should your custom Platinum Piston requirements necessitate the wrist pin hole break into the oil ring groove, we can widen the oil ring groove and incorporate a groove lock spacer in one of the following sizes listed below.

Part No.	Description
46387-8	85 mm to 86 mm
46391-8	3.552" to 3.582" Bore
46393-8	3.700" Bore
46397-8	3.905" - 3.937" Bore
46400-8	3.990" to 4.080" Bore
46401-8	4.125" to 4.155" Bore
46402-8	4.470" Bore
46403-8	4.500" to 4.560" Bore
46404-8	4.600" to 4.625" Bore

# PISTON RINGS

- ✓ **Top Ring:** High performance ductile iron with plasma moly in-lay or premium steel with Chrome Nitride face coating.
- ✓ **Second Ring:** Reverse twist cast iron ✓ **Oil Ring:** Three piece, standard tension, full oil return



Ductile Iron Part No.	Premium Steel Part No.	Bore Size	File Fit / Drop In	Ring Widths	Oil Ring Type
<b>3.905" CHEVROLET LS-1</b>					
46107-8	46107ST-8	3.905"/3.910"	File Fit / Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
<b>4" CHEVROLET &amp; 6.1L CHRYSLER HEMI</b>					
46352-8	-----	4.020"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46353-8	-----	4.030"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46355-8	-----	4.035"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46354-8	-----	4.040"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46354-8	-----	4.045"	Drop In	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46356-8	-----	4.060"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46110-8	46110ST-8	4.001"/4.005"	File Fit / Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46111-8	46111ST-8	4.010"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46113-8	46113ST-8	4.030"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46115-8	46115ST-8	4.035"	Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46114-8	46114ST-8	4.040"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46116-8	46116ST-8	4.060"/4.065"	File Fit / Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46117-8	46117ST-8	4.070"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46118-8	46118ST-8	4.080"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46213-8	-----	4.030"	File Fit	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
46215-8	-----	4.035"	Drop In	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
46214-8	-----	4.040"	File Fit	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
46216-8	-----	4.060"	File Fit	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
<b>4 1/8" CHEVROLET</b>					
46160-8	-----	4.125"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46163-8	-----	4.155"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (18-22 lbs.)
46360-8	46360ST-8	4.125"/4.130"	File Fit / Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46260-8	-----	4.125"	File Fit	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
46263-8	-----	4.155"	File Fit	.043" x .043" x 3 mm	Standard Tension (9-13 lbs.)
<b>4.500" CHEVROLET</b>					
46450-8	-----	4.500"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (21-25 lbs.)
46453-8	-----	4.530"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (21-25 lbs.)
46456-8	-----	4.560"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (21-25 lbs.)
46458-8	-----	4.600"	File Fit	1/16" x 1/16" x 3/16"	Standard Tension (21-25 lbs.)
46550-8	46550ST-8	4.500"	File Fit	.043" x .043" x 3/16"	Standard Tension (16-20 lbs.)
46553-8	46553ST-8	4.530"	File Fit	.043" x .043" x 3/16"	Standard Tension (16-20 lbs.)
46556-8	46556ST-8	4.560"	File Fit	.043" x .043" x 3/16"	Standard Tension (16-20 lbs.)
46558-8	46558ST-8	4.600"	File Fit	.043" x .043" x 3/16"	Standard Tension (16-20 lbs.)
<b>5.7L CHRYSLER HEMI</b>					
46120-8	46120ST-8	99.5 mm / 3.917"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46121-8	46121ST-8	99.6 mm / 3.922"	Drop In	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46122-8	46122ST-8	100.0 mm / 3.937"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
<b>4.6L &amp; 5.4L FORD</b>					
46600-8	46600ST-8	3.552"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
-----	46605ST-8	3.557"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46620-8	46620ST-8	3.572"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46630-8	46630ST-8	3.582"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
46670-8	46670ST-8	3.700"	File Fit	1.5 mm x 1.5 mm x 3 mm	Standard Tension (9-13 lbs.)
<b>SPORT COMPACT</b>					
-----	46810-4	81.0 mm	Drop In	1.0 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46815-4	81.5 mm	Drop In	1.0 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46840-4	84.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46845-4	84.5 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46850-4	85.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46855-4	85.5 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46860-4	86.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46865-4	86.5 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46870-4	87.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46920-4	92.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46925-4	92.5 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46930-4	93.0 mm	Drop In	1.2 mm x 1.2 mm x 2.8 mm	Standard Tension (7-11 lbs.)
-----	46995-4	99.5 mm	Drop In	1.2 mm x 1.2 mm x 2.0 mm	Standard Tension (7-11 lbs.)
-----	46997-4	99.7 mm	Drop In	1.2 mm x 1.2 mm x 2.0 mm	Standard Tension (7-11 lbs.)
-----	461000-4	100.0 mm	Drop In	1.2 mm x 1.2 mm x 2.0 mm	Standard Tension (7-11 lbs.)

PISTONS, RINGS, & PINS

# WRIST PINS & LOCKS

## WRIST PINS

- ✓ Straight and taper wall construction
- ✓ Large O.D. chamfer pins requiring round wire locks
- ✓ Exacting size control and perfect concentricity
- ✓ Inside of each pin is totally free of tooling marks



Part No.	Quantity	Description	Diameter	Wall Type	Material	Length	Wall Thickness	Lock Rings	Wgt / Grams
42215-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.300"	.095"	Spiral	74
42216-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.300"	.130"	Spiral	96
42241-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.300"	.095"	Round Wire	72
42242-8	8 pcs.	SB Chevy/Hemi	.927"	Straight	Premium Chrome Moly	2.300"	.130"	Round Wire	95
42542-8	8 pcs.	SB Chevy/Hemi	.927"	Straight	9310	2.300"	.170"	Round Wire	118
42229-8	8 pcs.	SB Chevy	.927"	Straight	Standard	2.450"	.150"	Round Wire	117
42204-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.500"	.095"	Spiral	79
42200-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.500"	.125"	Spiral	100
42228-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.500"	.125"	Round Wire	96
42209-8	8 pcs.	SB Chevy	.927"	Straight	Standard	2.500"	.150"	Spiral	119
42210-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.750"	.125"	Spiral	110
42211-8	8 pcs.	SB Chevy	.927"	Taper	Premium Chrome Moly	2.750"	.105"-.140"	Spiral	116
42231-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.750"	.125"	Round Wire	109
42213-8	8 pcs.	SB Chevy	.927"	Straight	Premium Chrome Moly	2.950"	.125"	Spiral	117
42214-8	8 pcs.	SB Chevy	.927"	Taper	Premium Chrome Moly	2.950"	.100"-.140"	Spiral	122
42217-8	8 pcs.	SB Chevy LS-1	.945" / 24 mm	Straight	Premium Chrome Moly	2.300"	.120"	Spiral	91
42218-8	8 pcs.	SB Chevy LS-1	.945" / 24 mm	Straight	Premium Chrome Moly	2.300"	.120"	Round Wire	90
42219-8	8 pcs.	BB Chevy	.990"	Straight	Premium Chrome Moly	2.930"	.150"	Spiral	147
42220-8	8 pcs.	BB Chevy	.990"	Straight	Premium Chrome Moly	2.930"	.180"	Spiral	170
42201-8	8 pcs.	BB Chevy	.990"	Straight	Premium Chrome Moly	2.930"	.150"	Round Wire	146
42202-8	8 pcs.	BB Chevy	.990"	Straight	Premium Chrome Moly	2.930"	.180"	Round Wire	169
42247-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	Premium Chrome Moly	2.500"	.150"	Tru Arc/Subaru Rnd Wire	115
42346-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	Premium Chrome Moly	2.500"	.180"	Tru Arc/Subaru Rnd Wire	132
42546-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	9310	2.500"	.210"	Tru Arc/Subaru Rnd Wire	147
42253-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	Premium Chrome Moly	2.250"	.150"	Round Wire	103
42353-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	Premium Chrome Moly	2.250"	.180"	Round Wire	119
42553-4	4 pcs.	Sport Compact	.9055" / 23 mm	Straight	9310	2.250"	.210"	Round Wire	132
42225-4	4 pcs.	Sport Compact	.866" / 22 mm	Straight	Premium Chrome Moly	2.250"	.120"	Round Wire	79
42251-4	4 pcs.	Sport Compact	.866" / 22 mm	Straight	Premium Chrome Moly	2.250"	.150"	Round Wire	96
42551-4	4 pcs.	Sport Compact	.866" / 22 mm	Straight	9310	2.250"	.210"	Round Wire	125
42227-8	8 pcs.	Ford 4.6, 5.4L	.866" / 22 mm	Straight	Premium Chrome Moly	2.500"	.120"	Spiral	89
42230-8	8 pcs.	Ford 4.6, 5.4L	.866" / 22 mm	Straight	Premium Chrome Moly	2.500"	.150"	Spiral	107
42203-8	8 pcs.	Ford 4.6, 5.4L	.866" / 22 mm	Straight	Premium Chrome Moly	2.500"	.120"	Round Wire	88
42207-8	8 pcs.	Ford 4.6, 5.4L	.866" / 22 mm	Straight	Premium Chrome Moly	2.500"	.150"	Round Wire	106
42243-4	4 pcs.	Sport Compact	.827" / 21 mm	Straight	Premium Chrome Moly	2.250"	.150"	Round Wire	91
42543-4	4 pcs.	Sport Compact	.827" / 21 mm	Straight	9310	2.250"	.210"	Round Wire	117

## WRIST PIN LOCKS

Part No.	Quantity	Type	Pin Diameter	Description	Weight / Grams Per Lock
42296-16	16 pcs.	.072" Spiral	.927"	Small Block Chevrolet	1.8
42262-16	16 pcs.	.061" Round Wire	.927"	Small Block Chevrolet	1.0
42272-16	16 pcs.	.072" Round Wire	.927"	Small Block Chevrolet	1.4
42271-32	32 pcs.	.042" Spiral	.990"	Big Block Chevrolet & Small Block Chrysler	1.2
42275-16	16 pcs.	.072" Round Wire	.990"	Big Block Chevrolet	1.5
42212-8	8 pcs.	.054" Round Wire	.9055" / 23 mm	Factory Subaru	1.0
42297-8	8 pcs.	.042" Tru Arc	.9055" / 23 mm	Sport Compact	1.0
42269-32	32 pcs.	.042" Spiral	.867"	Ford 4.6L / 5.4L	1.0
42270-16	16 pcs.	.061" Round Wire	22 mm / .867"	Ford 4.6L / 5.4L, Sport Compact	0.8

Note: New part numbers are *ITALICIZED*.