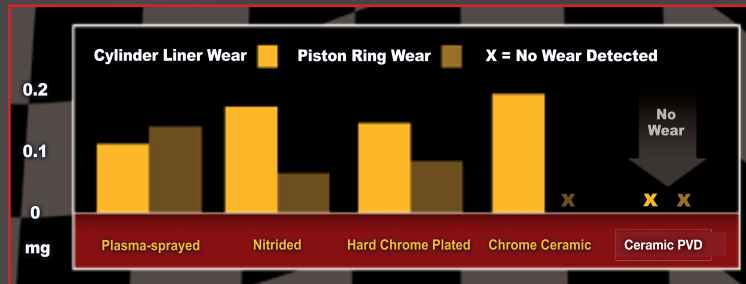
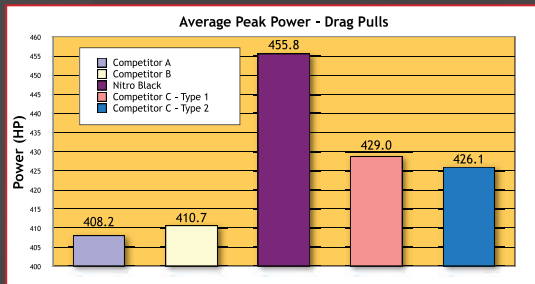


PERFORMANCE NITRO BLACK RACE RINGS

- Top ring and oil ring rails are made of gas nitride hardened stainless steel.
- Faces of top ring and oil rails are ceramic PVD coated. This coating has a very low coefficient of friction, in addition providing high scuff and heat resistance and excellent seating.
- Second ring is Ductile iron Napier profile design for optimum durability and oil scraping ability under the most severe performance conditions.
- Above features resulting in measurably improved horsepower.
- Nitro Black Ceramic PVD coatings are compatible with Nikasil coated cylinder bores.
- For use with all types of fuel and injections including nitrous oxide.



Race-tested and proven to deliver higher output for super performance engines



1/16" - 1/16" - 3/16" REDUCED TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43SN8575 | STD | 4.000 |
| 43SN8575 | .005 | 4.005 |
| 43SN8575 | .035 | 4.035 |
| 43SN8575 | .045 | 4.040 |
| 43SN8575 | .065 | 4.065 |
| 43SN8580 | STD | 4.125 |
| 43SN8580 | .005 | 4.130 |

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43SN8580 | .035 | 4.160 |
| 43SN8580 | .045 | 4.170 |
| 43SN8580 | .065 | 4.190 |
| 43SN8585 | STD | 4.250 |
| 43SN8585 | .005 | 4.255 |
| 43SN8585 | .035 | 4.285 |
| 43SN8585 | .045 | 4.295 |
| 43SN8585 | .065 | 4.315 |
| 43SN8590 | STD | 4.500 |

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43SN8590 | .005 | 4.505 |
| 43SN8590 | .035 | 4.535 |
| 43SN8590 | .045 | 4.545 |
| 43SN8590 | .065 | 4.565 |
| 43SN8590 | .105 | 4.6050 |
| 43SN8590 | .115 | 4.6150 |
| 43SN8595 | STD | 4.6250 |
| 43SN8595 | .005 | 4.6300 |

STEEL MOLY RACE RINGS

RING DESIGN TOP RING: STEEL, PLASMA MOLY SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST OIL RING: FLEX-VENT

.043 - .043 - 3.0mm LOW TENSION

| SET NUMBER | | BORE SIZE |
|------------|-------------|--------------|
| 43SM8556* | STD | 4.000 |
| 43SM8556* | .005 | 4.005 |
| 43SM8556* | .025 | 4.025 |
| 43SM8556* | .035 | 4.035 |
| 43SM8556* | .045 | 4.045 |
| 43SM8556* | .055 | 4.055 |
| 43SM8556* | .060 | 4.060 |
| 43SM8556* | .065 | 4.065 |
| 43SM8556* | .070 | 4.070 |
| 43SM5587 | STD | 4.000 |
| 43SM5587 | .005 | 4.005 |
| 43SM5587 | .010 | 4.010 |
| 43SM5587 | .020 | 4.020 |
| 43SM5587 | .025 | 4.025 |
| 43SM5587 | .030 | 4.030 |
| 43SM5587 | .035 | 4.035 |
| 43SM5587 | .040 | 4.040 |
| 43SM5587 | .045 | 4.045 |
| 43SM5587 | .055 | 4.055 |
| 43SM5587 | .060 | 4.060 |
| 43SM5587 | .065 | 4.065 |
| 43SM5587 | .070 | 4.070 |
| 43SM5587 | .080 | 4.080 |
| 43SM5587 | .100 | 4.100 |
| 43SM5593 | STD | 4.125 |
| 43SM5593 | .005 | 4.130 |
| 43SM5593 | .010 | 4.135 |
| 43SM5593 | .015 | 4.140 |
| 43SM5593 | .020 | 4.145 |
| 43SM5593 | .025 | 4.150 |
| 43SM5593 | .030 | 4.155 |
| 43SM5593 | .035 | 4.160 |
| 43SM5593 | .040 | 4.165 |
| 43SM5593 | .045 | 4.170 |
| 43SM5593 | .050 | 4.175 |
| 43SM5593 | .055 | 4.180 |
| 43SM5593 | .060 | 4.185 |

.043 - 1/16" - 3.0mm LOW TENSION

| SET NUMBER | | BORE SIZE |
|------------|-------------|---------------|
| 43SM8592* | STD | 4.5000 |
| 43SM8592* | .005 | 4.5050 |
| 43SM8592* | .035 | 4.5350 |
| 43SM8592* | .065 | 4.5650 |

| SET NUMBER | | BORE SIZE |
|------------------|-------------|---------------|
| 43SM5597* | STD | 4.250 |
| 43SM5597* | .035 | 4.2850 |
| 43SM5597* | .065 | 4.3150 |
| 43SM5597* | .130 | 4.3800 |
| 43SM8582* | STD | 4.500 |
| 43SM8582* | .005 | 4.5050 |
| 43SM8582* | .035 | 4.535 |
| 43SM8582* | .065 | 4.565 |
| 43SM8582* | .105 | 4.6050 |
| 43SM8582* | .130 | 4.6300 |

.043 - 1/16" - 3/16" LOW TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43SM8537 | STD | 4.0000 |
| 43SM8537 | .005 | 4.0050 |
| 43SM8537 | .025 | 4.0250 |
| 43SM8537 | .035 | 4.0350 |
| 43SM8537 | .045 | 4.0450 |
| 43SM8537 | .065 | 4.0650 |
| 43SM8537 | .080 | 4.0850 |
| 43SM8557 | STD | 4.1250 |
| 43SM8557 | .005 | 4.1300 |
| 43SM8557 | .020 | 4.1450 |
| 43SM8557 | .025 | 4.1500 |
| 43SM8557 | .030 | 4.1550 |
| 43SM8557 | .035 | 4.1600 |
| 43SM8557 | .040 | 4.1650 |
| 43SM8557 | .045 | 4.1700 |
| 43SM8557 | .060 | 4.1850 |
| 43SM8577 | STD | 4.2500 |

*SETS #43SM5597, #43SM8531, #43SM8556, #43SM8582 & #43SM8592 SECOND RING DESIGN IS DUCTILE IRON, NAPIER

TOP RING FEATURES

- Impact resistant plasma moly alloy
- Designed for most demanding high compression applications
- Reduced side wear and extended life
- Alloy steel
- High stress and high temperature conditions

.043- 1/16" - 3/16" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43SM8527 | STD | 4.0000 |
| 43SM8527 | .005 | 4.0050 |
| 43SM8527 | .025 | 4.0250 |
| 43SM8527 | .035 | 4.0350 |
| 43SM8527 | .045 | 4.0450 |
| 43SM8527 | .065 | 4.0650 |
| 43SM8527 | .080 | 4.0850 |
| 43SM8547 | STD | 4.1250 |
| 43SM8547 | .005 | 4.1300 |
| 43SM8547 | .020 | 4.1450 |
| 43SM8547 | .025 | 4.1500 |
| 43SM8547 | .030 | 4.1550 |
| 43SM8547 | .035 | 4.1600 |
| 43SM8547 | .040 | 4.1650 |
| 43SM8547 | .045 | 4.1700 |
| 43SM8547 | .060 | 4.1850 |
| 43SM8567 | STD | 4.2500 |

1.5 - 1.5 - 3.0 mm STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------------|-------------|---------------|
| 43SM8531* | STD | 3.7800 |
| 43SM8531* | .005 | 3.7850 |
| 43SM8531* | .035 | 3.8150 |
| 43SM8531* | .065 | 3.8450 |



ENGINE PRO RACING RINGS

PREMIUM DUCTILE PLASMA MOLY



TOP RING FEATURES

- Shell molded • High tensile strength • Withstands extreme temperatures • Virtually unbreakable • Impact resistant plasma moly alloy

RING DESIGN

TOP RING: DUCTILE IRON, PLASMA MOLY

SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST

OIL RING: FLEX-VENT

| 1/16" - 1/16" - 3/16" STANDARD TENSION | | |
|--|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5527 | STD | 3.7800 |
| 43M5527 | .020 | 3.8000 |
| 43M5527 | .030 | 3.8100 |
| 43M5527 | .035 | 3.8150 |
| 43M5527 | .040 | 3.8200 |
| 43M5527 | .045 | 3.8250 |
| 43M5527 | .060 | 3.8400 |
| THE ABOVE ARE 4 CYLINDER SETS | | |
| 43M5567 | STD | 3.7360 |
| 43M5567 | .020 | 3.7560 |
| 43M5567 | .030 | 3.7660 |
| 43M5567 | .035 | 3.7710 |
| 43M5567 | .040 | 3.7760 |
| 43M5567 | .060 | 3.7960 |
| 43M5575 | STD | 3.9100 |
| 43M5575 | .030 | 3.9400 |
| 43M5575 | .040 | 3.9500 |
| 43M5575 | .060 | 3.9700 |
| 43M5523 | STD | 4.0000 |
| 43M5523 | .005 | 4.0050 |
| 43M5523 | .010 | 4.0100 |
| 43M5523 | .015 | 4.0150 |
| 43M5523 | .020 | 4.0200 |
| 43M5523 | .025 | 4.0250 |
| 43M5523 | .030 | 4.0300 |
| 43M5523 | .035 | 4.0350 |
| 43M5523 | .040 | 4.0400 |
| 43M5523 | .045 | 4.0450 |
| 43M5525 | STD | 4.0500 |
| 43M5525 | .005 | 4.0550 |
| 43M5523 | .060 | 4.0600 |
| 43M5523 | .065 | 4.0650 |
| 43M5523 | .070 | 4.0700 |
| 43M5523 | .080 | 4.0800 |
| 43M5525 | .030 | 4.0800 |
| 43M5525 | .035 | 4.0850 |
| 43M5525 | .040 | 4.0900 |
| 43M5523 | .103 | 4.1030 |
| 43M5525 | .060 | 4.1100 |
| 43M5525 | .065 | 4.1150 |
| 43M5590 | STD | 4.1200 |
| 43M5529 | STD | 4.1250 |
| 43M5529 | .005 | 4.1300 |
| 43M5529 | .010 | 4.1350 |
| 43M5529 | .020 | 4.1450 |
| 43M5529 | .025 | 4.1500 |
| 43M5543 | STD | 4.1510 |
| 43M5543 | .005 | 4.1550 |
| 43M5529 | .030 | 4.1550 |
| 43M5590 | .035 | 4.1550 |
| 43M5529 | .035 | 4.1600 |
| 43M5542 | STD | 4.1650 |
| 43M5529 | .040 | 4.1650 |
| 43M5590 | .045 | 4.1650 |
| 43M5542 | .005 | 4.1700 |
| 43M5529 | .045 | 4.1700 |
| 43M5543 | .030 | 4.1800 |
| 43M5543 | .035 | 4.1850 |
| 43M5590 | .065 | 4.1850 |
| 43M5529 | .060 | 4.1850 |
| 43M5529 | .065 | 4.1900 |

| 1/16" - 1/16" - 3/16" STANDARD TENSION (cont) | | |
|---|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5543 | .045 | 4.1950 |
| 43M5542 | .030 | 4.1950 |
| 43M5542 | .035 | 4.2000 |
| 43M5542 | .045 | 4.2100 |
| 43M5543 | .065 | 4.2150 |
| 43M5542 | .065 | 4.2300 |
| 43M5526 | STD | 4.2325 |
| 43M5526 | .005 | 4.2370 |
| 43M5526 | .010 | 4.2425 |
| 43M5526 | .015 | 4.2475 |
| 43M5519 | STD | 4.2500 |
| 43M5526 | .020 | 4.2525 |
| 43M5519 | .005 | 4.2550 |
| 43M5526 | .025 | 4.2575 |
| 43M5519 | .010 | 4.2600 |
| 43M5526 | .030 | 4.2625 |
| 43M5526 | .035 | 4.2675 |
| 43M5519 | .020 | 4.2700 |
| 43M5519 | .030 | 4.2800 |
| 43M5519 | .035 | 4.2850 |
| 43M5519 | .040 | 4.2900 |
| 43M5519 | .060 | 4.3100 |
| 43M5519 | .065 | 4.3150 |
| 43M5528 | STD | 4.3200 |
| 43M5528 | .005 | 4.3250 |
| 43M5528 | .020 | 4.3400 |
| 43M5577 | STD | 4.3425 |
| 43M5528 | .025 | 4.3450 |
| 43M5528 | .030 | 4.3500 |
| 43M5528 | .035 | 4.3550 |
| 43M5528 | .040 | 4.3600 |
| 43M5536 | STD | 4.3600 |
| 43M5528 | .045 | 4.3650 |
| 43M5528 | .055 | 4.3700 |
| 43M5577 | .033 | 4.3750 |
| 43M5519 | .125 | 4.3750 |
| 43M5536 | .020 | 4.3800 |
| 43M5528 | .060 | 4.3800 |
| 43M5577 | .040 | 4.3825 |
| 43M5536 | .024 | 4.3840 |
| 43M5528 | .065 | 4.3850 |
| 43M5536 | .030 | 4.3900 |
| 43M5536 | .035 | 4.3950 |
| 43M5536 | .040 | 4.4000 |
| 43M5577 | .060 | 4.4025 |
| 43M5536 | .065 | 4.4250 |
| 43M5536 | .080 | 4.4400 |
| 43M5536 | .085 | 4.4450 |
| 43M5537 | STD | 4.4675 |
| 43M5537 | .004 | 4.4715 |
| 43M5589 | STD | 4.5000 |
| 43M5589 | .005 | 4.5050 |
| 43M5589 | .025 | 4.5250 |
| 43M5589 | .030 | 4.5300 |
| 43M5589 | .035 | 4.5350 |
| 43M5589 | .045 | 4.5450 |
| 43M5589 | .060 | 4.5600 |
| 43M5589 | .065 | 4.5650 |
| 43M5589 | .100 | 4.6000 |
| 43M5589 | .105 | 4.6050 |

| 1/16" - 1/16" - 3/16" LOW TENSION | | |
|-----------------------------------|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5505 | STD | 4.0000 |
| 43M5505 | .005 | 4.0050 |
| 43M5505 | .010 | 4.0100 |
| 43M5505 | .025 | 4.0250 |
| 43M5505 | .030 | 4.0300 |
| 43M5505 | .035 | 4.0350 |
| 43M5505 | .045 | 4.0450 |
| 43M5505 | .060 | 4.0600 |
| 43M5505 | .065 | 4.0650 |
| 43M5510 | STD | 4.1250 |
| 43M5510 | .005 | 4.1300 |
| 43M5510 | .020 | 4.1450 |
| 43M5510 | .025 | 4.1500 |
| 43M5510 | .030 | 4.1550 |
| 43M5510 | .035 | 4.1600 |
| 43M5510 | .040 | 4.1650 |
| 43M5510 | .045 | 4.1700 |
| 43M5510 | .060 | 4.1850 |
| 43M5515 | STD | 4.2500 |
| 43M5515 | .030 | 4.2800 |
| 43M5515 | .035 | 4.2850 |
| 43M5515 | .060 | 4.3100 |
| 43M5515 | .065 | 4.3150 |
| 43M5515 | .125 | 4.3750 |
| 43M5520 | STD | 4.3200 |
| 43M5520 | .030 | 4.3500 |
| 43M5520 | .035 | 4.3550 |
| 43M5596 | STD | 4.5000 |
| 43M5596 | .005 | 4.5050 |
| 43M5596 | .025 | 4.5250 |
| 43M5596 | .030 | 4.5300 |
| 43M5596 | .035 | 4.5350 |
| 43M5596 | .045 | 4.5450 |
| 43M5596 | .060 | 4.5600 |
| 43M5596 | .065 | 4.5650 |
| 43M5596 | .100 | 4.6000 |
| 43M5596 | .105 | 4.6050 |

| 1/16" - 1/16" - 1/8" STANDARD TENSION | | |
|---------------------------------------|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5544 | STD | 3.5750 |
| 43M5544 | .005 | 3.5800 |
| 43M5544 | .025 | 3.6000 |
| 43M5544 | .030 | 3.6050 |
| 43M5544 | .035 | 3.6100 |
| THE ABOVE ARE 4 CYLINDER SETS | | |
| 43M5522 | STD | 3.8750 |
| 43M5522 | .005 | 3.8800 |
| 43M5522 | .030 | 3.9050 |
| 43M5522 | .035 | 3.9100 |
| 43M5522 | .060 | 3.9350 |
| 43M5522 | .065 | 3.9400 |
| 43M5521 | STD | 4.0000 |
| 43M5521 | .005 | 4.0050 |
| 43M5521 | .010 | 4.0100 |
| 43M5521 | .020 | 4.0200 |
| 43M5521 | .025 | 4.0250 |
| 43M5521 | .030 | 4.0300 |
| 43M5521 | .035 | 4.0350 |
| 43M5521 | .040 | 4.0400 |



PREMIUM DUCTILE PLASMA MOLY continued

TOP RING FEATURES

- Shell molded
- High tensile strength
- Withstands extreme temperatures
- Virtually unbreakable
- Impact resistant plasma moly alloy

RING DESIGN

TOP RING: DUCTILE IRON, PLASMA MOLY

SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST

OIL RING: FLEX-VENT

| 1/16" - 1/16" - 1/8" STANDARD TENSION (cont) | | |
|--|--------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5521 | .045 | 4.0450 |
| 43M5521 | .060 | 4.0600 |
| 43M5521 | .065 | 4.0650 |
| 43M5524 | STD * | 4.1200 |
| 43M5501 | STD * | 4.1250 |
| 43M5524 | .005 * | 4.1250 |
| 43M5501 | .005 * | 4.1300 |
| 43M5524 | .030 * | 4.1500 |
| 43M5501 | .030 * | 4.1550 |
| 43M5524 | .035 * | 4.1550 |
| 43M5501 | .035 * | 4.1600 |
| 43M5501 | .040 * | 4.1650 |
| 43M5501 | .045 * | 4.1700 |
| 43M5501 | .060 * | 4.1850 |
| 43M5501 | .065 * | 4.1900 |
| 43M5517 | STD | 4.2330 |
| 43M5517 | .005 | 4.2375 |
| 43M5517 | .030 | 4.2625 |
| 43M5517 | .035 | 4.2675 |
| 43M5517 | .065 | 4.2975 |

*Oil ring depth on #43M5501 is .175"

*Oil ring depth on #43M5524 is .200"

| 1.5 - 1.5 - 3.0mm LOW TENSION | | |
|-------------------------------|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5540 | STD | 4.0000 |
| 43M5540 | .005 | 4.0050 |
| 43M5540 | .025 | 4.0250 |
| 43M5540 | .030 | 4.0300 |
| 43M5540 | .035 | 4.0350 |
| 43M5540 | .040 | 4.0400 |
| 43M5540 | .045 | 4.0450 |
| 43M5540 | .060 | 4.0600 |
| 43M5540 | .065 | 4.0650 |
| 43M5540 | .085 | 4.0850 |
| 43M5540 | .090 | 4.0900 |
| 43M5540 | .095 | 4.0950 |
| 43M5540 | .105 | 4.1050 |
| 43M5581 | STD | 4.1250 |
| 43M5581 | .005 | 4.1300 |
| 43M5581 | .010 | 4.1350 |
| 43M5581 | .015 | 4.1400 |
| 43M5581 | .020 | 4.1450 |
| 43M5581 | .030 | 4.1550 |
| 43M5581 | .035 | 4.1600 |
| 43M5581 | .045 | 4.1700 |
| 43M5581 | .065 | 4.1900 |
| 43M8569 | STD | 4.2500 |
| 43M8569 | .030 | 4.2800 |
| 43M8525 | STD | 4.5000 |
| 43M8525 | .100 | 4.6000 |

| 5/64" - 5/64" - 5/32" STANDARD TENSION | | |
|--|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5546 | STD | 3.1875 |
| 43M5546 | .005 | 3.1925 |
| 43M5546 | .045 | 3.2325 |

THE ABOVE ARE 4 CYLINDER SETS

| 5/64" - 3/32" - 3/16" STANDARD TENSION | | |
|--|------|-----------|
| SET NUMBER | | BORE SIZE |
| 43M5516 | STD | 4.2325 |
| 43M5516 | .005 | 4.2375 |
| 43M5516 | .035 | 4.2675 |
| 43M5516 | .065 | 4.2975 |

| 1/16" - 1/16" - 3.0mm LOW TENSION | | | |
|-----------------------------------|------|--|-----------|
| SET NUMBER | | | BORE SIZE |
| 43M5538 | STD | | 4.0000 |
| 43M5538 | .005 | | 4.0050 |
| 43M5538 | .010 | | 4.0100 |
| 43M5538 | .020 | | 4.0200 |
| 43M5538 | .025 | | 4.0250 |
| 43M5538 | .030 | | 4.0300 |
| 43M5538 | .035 | | 4.0350 |
| 43M5538 | .040 | | 4.0400 |
| 43M5538 | .045 | | 4.0450 |
| 43M5538 | .060 | | 4.0600 |
| 43M5538 | .065 | | 4.0650 |
| 43M5538 | .075 | | 4.0750 |
| 43M5538 | .085 | | 4.0850 |
| 43M5538 | .103 | | 4.1030 |
| 43M5539 | STD | | 4.1250 |
| 43M5539 | .005 | | 4.1300 |
| 43M5539 | .010 | | 4.1350 |
| 43M5539 | .020 | | 4.1450 |
| 43M5539 | .030 | | 4.1550 |
| 43M5539 | .035 | | 4.1600 |
| 43M5539 | .040 | | 4.1650 |

| 1/16" - 5/64" - 5/32" STANDARD TENSION | | | |
|--|------|--|-----------|
| SET NUMBER | | | BORE SIZE |
| 43M5545 | STD | | 3.1875 |
| 43M5545 | .005 | | 3.1925 |
| 43M5545 | .035 | | 3.2225 |
| 43M5545 | .045 | | 3.2325 |

THE ABOVE ARE 4 CYLINDER SETS

| 1.5 - 1.5 - 4.0 mm STANDARD TENSION | | | |
|-------------------------------------|------|--|-----------|
| SET NUMBER | | | BORE SIZE |
| 43M5535 | STD | | 4.0000 |
| 43M5535 | .005 | | 4.0050 |
| 43M5535 | .030 | | 4.0300 |
| 43M5535 | .035 | | 4.0350 |
| 43M5535 | .040 | | 4.0400 |
| 43M5535 | .045 | | 4.0450 |
| 43M5535 | .060 | | 4.0600 |
| 43M5535 | .065 | | 4.0650 |

| 5/64" - 5/64" - 3/16" LOW TENSION | | | |
|-----------------------------------|------|--|-----------|
| SET NUMBER | | | BORE SIZE |
| 43M5548 | STD | | 3.7360 |
| 43M5548 | .035 | | 3.7710 |
| 43M5548 | .045 | | 3.7810 |
| 43M5548 | .065 | | 3.8010 |
| 43M5503 | STD | | 3.8750 |
| 43M5503 | .030 | | 3.9050 |
| 43M5503 | .060 | | 3.9350 |
| 43M5504 | STD | | 4.0000 |
| 43M5504 | .020 | | 4.0200 |
| 43M5504 | .030 | | 4.0300 |
| 43M5504 | .040 | | 4.0400 |
| 43M5504 | .045 | | 4.0450 |
| 43M5514 | STD | | 4.2500 |
| 43M5514 | .030 | | 4.2800 |
| 43M5514 | .060 | | 4.3100 |

| 5/64" - 5/64" - 3/16" STANDARD TENSION | | | |
|--|------|--|-----------|
| SET NUMBER | | | BORE SIZE |
| 43M5547 | STD | | 3.7360 |
| 43M5547 | .035 | | 3.7710 |
| 43M5547 | .045 | | 3.7810 |
| 43M5547 | .065 | | 3.8010 |
| 43M5506 | STD | | 3.8750 |
| 43M5506 | .005 | | 3.8800 |
| 43M5506 | .030 | | 3.9050 |
| 43M5506 | .035 | | 3.9100 |
| 43M5507 | STD | | 3.9375 |
| 43M5506 | .065 | | 3.9400 |
| 43M5502* | STD | | 4.0000 |
| 43M5508 | STD | | 4.0000 |
| 43M5508 | .005 | | 4.0050 |
| 43M5508 | .020 | | 4.0200 |
| 43M5502* | .020 | | 4.0200 |
| 43M5508 | .025 | | 4.0250 |
| 43M5508 | .030 | | 4.0300 |
| 43M5502* | .030 | | 4.0300 |
| 43M5508 | .035 | | 4.0350 |
| 43M5508 | .040 | | 4.0400 |
| 43M5561 | STD | | 4.0400 |
| 43M5508 | .045 | | 4.0450 |
| 43M5508 | .060 | | 4.0600 |
| 43M5502* | .060 | | 4.0600 |
| 43M5511 | STD | | 4.0625 |
| 43M5508 | .065 | | 4.0650 |
| 43M5511 | .005 | | 4.0675 |
| 43M5561 | .030 | | 4.0700 |
| 43M5512 | STD | | 4.0925 |
| 43M5511 | .035 | | 4.0975 |
| 43M5512 | .005 | | 4.0975 |
| 43M5561 | .060 | | 4.1000 |
| 43M5513 | STD | | 4.1250 |
| 43M5512 | .030 | | 4.1250 |
| 43M5511 | .065 | | 4.1275 |
| 43M5512 | .035 | | 4.1275 |
| 43M5513 | .005 | | 4.1300 |
| 43M5513 | .025 | | 4.1500 |
| 43M5512 | .060 | | 4.1550 |
| 43M5513 | .030 | | 4.1550 |
| 43M5512 | .065 | | 4.1575 |
| 43M5513 | .035 | | 4.1600 |
| 43M5513 | .040 | | 4.1650 |
| 43M5513 | .045 | | 4.1700 |
| 43M5513 | .060 | | 4.1850 |
| 43M5513 | .065 | | 4.1900 |
| 43M5518 | STD | | 4.2500 |
| 43M5518 | .005 | | 4.2550 |
| 43M5518 | .030 | | 4.2800 |
| 43M5518 | .035 | | 4.2850 |
| 43M5518 | .040 | | 4.2900 |
| 43M5518 | .045 | | 4.2950 |
| 43M5518 | .060 | | 4.3100 |
| 43M5518 | .065 | | 4.3150 |

ABOVE SETS MARKED * ARE 4 CYL SETS

STEEL CHROME BARREL FACE TOP RINGS

TOP RING FEATURES

- Impact resistant chrome coated steel alloy
- Reduced side wear and extended life
- Designed for most demanding high compression applications
- High stress and high temperature conditions
- Alloy steel

RING DESIGN

TOP RING: BARREL FACED STEEL, CHROME COATED STEEL ALLOY SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST OIL RING: FLEX-VENT

| 1.2-1.2-3.0mm LOW TENSION | | | 1.2-1.5-2.8mm STANDARD TENSION | | | 1.0-1.2-2.8mm STANDARD TENSION | | |
|--------------------------------------|---------------|-----------------|--------------------------------------|---------------|-----------------|--------------------------------------|---------------|-----------------|
| SET NUMBER | | BORE SIZE | SET NUMBER | | BORE SIZE | SET NUMBER | | BORE SIZE |
| 43SC5556 | STD | 3.445 (87.5mm) | 43SC5558 | STD | 2.9530 (75mm) | 43SC5572 | STD | 3.1890 (81mm) |
| 43SC5556 | .010 (0.25mm) | 3.4550 | 43SC5558 | .010 (.025mm) | 2.9630 | 43SC5572 | .010 (0.25mm) | 3.1990 |
| 43SC5556 | .020 (0.50mm) | 3.4650 (88mm) | 43SC5558 | .020 (0.50mm) | 2.9730 (75.5mm) | 43SC5572 | .020 (0.50mm) | 3.2090 (81.5mm) |
| 43SC5556 | .030 (0.75mm) | 3.4750 | 43SC5558 | .030 (0.75mm) | 2.9830 | 43SC5572 | .030 (0.75mm) | 3.2190 |
| 43SC5556 | .040 (1.00mm) | 3.4850 (88.5mm) | 43SC5558 | .040 (1.00mm) | 2.9930 (76mm) | 43SC5572 | .040 (1.00mm) | 3.2290 (82mm) |
| 43SC5556 | .060 (1.50mm) | 3.5050 (89mm) | 43SC5558 | .060 (1.50mm) | 3.0130 (76.5mm) | 43SC8513 | STD | 3.3070 (84mm) |
| THE ABOVE ARE 4 CYLINDER SETS | | | THE ABOVE ARE 4 CYLINDER SETS | | | 43SC8513 | .020 (0.50mm) | 3.3275 (84.5mm) |
| | | | | | | 43SC8513 | .040 (1.00mm) | 3.3475 (85mm) |
| | | | | | | THE ABOVE ARE 4 CYLINDER SETS | | |

DUCTILE CHROME BARREL FACE TOP RINGS

RING DESIGN

TOP RING: DUCTILE CHROME BARREL FACED SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST
OIL RING: FLEX-VENT



| 1.5-1.5-3.0mm LOW TENSION | | |
|--------------------------------------|---------------|------------------|
| SET NUMBER | | BORE SIZE |
| 43C5573 | STD | 3.2680 (83mm) |
| 43C5573 | .010 (.025mm) | 3.2480 |
| 43C5573 | .020 (0.50mm) | 3.2880 (83.51mm) |
| 43C5573 | .030 (0.75mm) | 3.2980 |
| 43C5573 | .040 (1.00mm) | 3.3080 (84.02mm) |
| 43C5573 | .060 (1.50mm) | 3.3280 (84.53mm) |
| THE ABOVE ARE 4 CYLINDER SETS | | |

DUCTILE PLASMA MOLY TOP RING - NAPIER SECOND RING

All the features of our premium ductile series rings, plus the second ring is Napier profile design for superior durability and oil scraping ability.

TOP RING FEATURES

- Impact resistant plasma moly alloy
- Reduced side wear and extended life
- Designed for the most demanding high compression applications
- Designed for high stress and high temperature conditions

SECOND RING NAPIER DESIGN FEATURES

- Optimal durability and oil scraping ability under most severe conditions
- Measurably Improved Horsepower

OIL RING DESIGN FEATURES

- Flex-Vent design minimizes friction
- Improved flexibility and high RPM oil control
- Thin wall contact allows for quick break-In

RING DESIGN

TOP RING: DUCTILE IRON, PLASMA MOLY | SECOND RING: DUCTILE IRON, NAPIER | OIL RING: FLEX-VENT

| 1/16" - 1/16" - 3/16" STANDARD TENSION | | | 1/16" - 1/16" - 3/16" LOW TENSION | | |
|--|------|-----------|---------------------------------------|-------------|---------------|
| SET NUMBER | | BORE SIZE | SET NUMBER | | BORE SIZE |
| 43M8542 | STD | 4.0000 | 43M8543 | STD | 4.0000 |
| 43M8542 | .005 | 4.0050 | 43M8543 | .005 | 4.0050 |
| 43M8542 | .030 | 4.0300 | 43M8543 | .030 | 4.0300 |
| 43M8542 | .035 | 4.0350 | 43M8543 | .035 | 4.0350 |
| 43M8542 | .040 | 4.0400 | 43M8543 | .040 | 4.0400 |
| 43M8542 | .045 | 4.0450 | 43M8543 | .045 | 4.0450 |
| 43M8542 | .060 | 4.0600 | 43M8543 | .060 | 4.0600 |
| 43M8542 | .065 | 4.0650 | 43M8543 | .065 | 4.0650 |
| 43M8552 | STD | 4.1250 | 43M8559 | STD | 4.1250 |
| 43M8552 | .005 | 4.1300 | 43M8559 | .005 | 4.1300 |
| 43M8552 | .010 | 4.1350 | 43M8559 | .030 | 4.1550 |
| 43M8552 | .020 | 4.1450 | 43M8559 | .035 | 4.1600 |
| 43M8552 | .025 | 4.1500 | 43M8559 | .040 | 4.1650 |
| 43M8552 | .030 | 4.1550 | 43M8559 | .045 | 4.1700 |
| 43M8552 | .035 | 4.1600 | 43M8559 | .060 | 4.1850 |
| 43M8552 | .040 | 4.1650 | 43M8559 | .065 | 4.1900 |
| 43M8552 | .045 | 4.1700 | 43M8594 | STD | 4.5000 |
| 43M8552 | .060 | 4.1850 | 43M8594 | .005 | 4.5050 |
| 43M8552 | .065 | 4.1900 | 43M8594 | .035 | 4.5350 |
| 43M8562 | STD | 4.2500 | 43M8594 | .045 | 4.5450 |
| | | | 43M8594 | .065 | 4.5650 |
| | | | 1.5" - 1.5" - 3.0" LOW TENSION | | |
| | | | SET NUMBER | | BORE SIZE |
| | | | 43M8521 | STD | 4.0000 |
| | | | 43M8521 | .005 | 4.0050 |
| | | | 43M8521 | .035 | 4.0350 |
| | | | 43M8521 | .045 | 4.0450 |
| | | | 43M8521 | .065 | 4.0650 |
| | | | 43M8505 | STD | 4.1250 |
| | | | 43M8505 | .005 | 4.1300 |
| | | | 43M8505 | .035 | 4.1600 |
| | | | 43M8505 | .045 | 4.1700 |
| | | | 43M8505 | .065 | 4.1900 |

CLAIMER MOLY RACE RINGS

TOP RING FEATURES

- Low friction cast iron
- Plasma moly impact resistant alloy
- Low friction wear resistant surface

RING DESIGN

TOP RING: CAST IRON, PLASMA MOLY SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST OIL RING: FLEX-VENT

1/16" - 1/16" - 3/16" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5532 | STD | 4.000 |
| 43CM5532 | .020 | 4.020 |
| 43CM5532 | .030 | 4.030 |
| 43CM5532 | .035 | 4.035 |
| 43CM5532 | .040 | 4.040 |
| 43CM5532 | .045 | 4.045 |
| 43CM5532 | .060 | 4.060 |
| 43CM5532 | .065 | 4.065 |
| 43CM5534 | STD | 4.125 |
| 43CM5534 | .020 | 4.145 |
| 43CM5534 | .030 | 4.155 |
| 43CM5534 | .035 | 4.160 |
| 43CM5534 | .040 | 4.165 |
| 43CM5534 | .045 | 4.170 |
| 43CM5534 | .060 | 4.185 |
| 43CM5534 | .065 | 4.190 |
| 43CM5541 | STD | 4.250 |

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5541 | .020 | 4.270 |
| 43CM5541 | .030 | 4.280 |
| 43CM5541 | .040 | 4.290 |
| 43CM5541 | .060 | 4.310 |
| 43CM5574 | STD | 4.320 |
| 43CM5574 | .020 | 4.340 |
| 43CM5574 | .030 | 4.350 |
| 43CM5576 | STD | 4.360 |
| 43CM5576 | .020 | 4.380 |
| 43CM5576 | .030 | 4.390 |
| 43CM5576 | .040 | 4.400 |
| 43CM5576 | .080 | 4.440 |
| 43CM5576 | .110 | 4.470 |
| 43CM5580 | STD | 4.500 |
| 43CM5580 | .030 | 4.530 |
| 43CM5580 | .060 | 4.560 |

1.5-1.5-4.0mm STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5530 | STD | 4.000 |
| 43CM5530 | .030 | 4.030 |
| 43CM5530 | .040 | 4.040 |
| 43CM5530 | .060 | 4.060 |

1.5-1.5-3.0mm LOW TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5540 | STD | 4.000 |
| 43CM5540 | .020 | 4.020 |
| 43CM5540 | .030 | 4.030 |
| 43CM5540 | .040 | 4.040 |
| 43CM5540 | .060 | 4.060 |

5/64" - 5/64" - 3/16" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5531 | STD | 4.000 |
| 43CM5531 | .030 | 4.030 |
| 43CM5531 | .040 | 4.040 |
| 43CM5531 | .060 | 4.060 |
| 43CM5533 | STD | 4.125 |
| 43CM5533 | .030 | 4.155 |
| 43CM5533 | .040 | 4.165 |
| 43CM5533 | .060 | 4.185 |

1/16" - 1/16" - 1/8" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43CM5521 | STD | 4.000 |
| 43CM5521 | .030 | 4.030 |
| 43CM5521 | .035 | 4.035 |
| 43CM5521 | .040 | 4.040 |
| 43CM5521 | .045 | 4.045 |
| 43CM5521 | .060 | 4.060 |
| 43CM5521 | .065 | 4.065 |
| 43CM5501 | STD | 4.125 |
| 43CM5501 | .030 | 4.155 |
| 43CM5501 | .035 | 4.160 |
| 43CM5501 | .040 | 4.165 |
| 43CM5501 | .045 | 4.170 |
| 43CM5501 | .060 | 4.185 |
| 43CM5501 | .065 | 4.190 |



CLAIMER CAST RACE RINGS

TOP RING FEATURES

- Low friction cast iron
- Excellent heat transfer to the cylinder walls
- Phosphate coated
- Lubricating graphite material

RING DESIGN

TOP RING: CAST IRON, PHOSPHATE COATED SECOND RING: CAST IRON, REVERSE TORSIONAL TWIST OIL RING: FLEX-VENT

1/16" - 1/16" - 3/16" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43C5532 | STD | 4.000 |
| 43C5532 | .020 | 4.020 |
| 43C5532 | .030 | 4.030 |
| 43C5532 | .040 | 4.040 |
| 43C5532 | .060 | 4.060 |
| 43C5534 | STD | 4.125 |
| 43C5534 | .020 | 4.145 |
| 43C5534 | .030 | 4.155 |

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43C5534 | .040 | 4.165 |
| 43C5534 | .060 | 4.185 |
| 43C5541 | STD | 4.250 |
| 43C5541 | .020 | 4.270 |
| 43C5541 | .030 | 4.280 |
| 43C5541 | .040 | 4.290 |
| 43C5541 | .060 | 4.310 |

5/64" - 5/64" - 3/16" STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43C5531 | STD | 4.000 |
| 43C5531 | .030 | 4.030 |
| 43C5531 | .040 | 4.040 |
| 43C5531 | .060 | 4.060 |
| 43C5533 | STD | 4.125 |
| 43C5533 | .030 | 4.155 |
| 43C5533 | .040 | 4.165 |
| 43C5533 | .060 | 4.185 |

1.5-1.5-4.0mm STANDARD TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43C5530 | STD | 4.000 |
| 43C5530 | .030 | 4.030 |
| 43C5530 | .040 | 4.040 |
| 43C5530 | .060 | 4.060 |

1.5-1.5-3.0mm LOW TENSION

| SET NUMBER | | BORE SIZE |
|------------|------|-----------|
| 43C5540 | STD | 4.000 |
| 43C5540 | .020 | 4.020 |
| 43C5540 | .030 | 4.030 |
| 43C5540 | .040 | 4.040 |
| 43C5540 | .060 | 4.060 |