



Axtell Sales is here to help you build a fail proof performance engine, but there are many small aspects that need to be accounted for first. One of the most important factors in having a performance engine is having good ring seal. If any of the sealing points are compromised, your power is going to suffer.

Piston rings serve three basic functions in an engine, pressure sealing, heat transfer, and oil control. The primary duty of the top compression ring is to provide a seal that prevents combustion gas or pressure from bypassing the piston, which is achieved by maintaining the cylinder wall at all times. The second compression ring also assists the top ring in its sealing function, although its main purpose is to provide a secondary form of oil control for oil that has bypassed the oil ring. The key function of the oil rings is to remove oil from the cylinder wall. An oil ring is actually three pieces, consisting of two rails with an expander in between them. This ring performs a method of scraping and scavenging the oil from the cylinder walls to keep oil out of the combustion chamber.

Ring seal and its effect on engine output cannot be overstressed. We have seen power jump significantly by replacing the pistons and rings and restoring bore integrity. Sometimes the pistons look fine but in fact the ring lands had been damaged during break-in due to heat. That's why here at Axtell Sales we use the old school method of heat cycling an engine when it comes to breaking it in. By using this method it allows the cylinders, pistons, and rings, to break-in together and not heat up one part of the engine more than the other too soon.

Axtell Sales wants their customers to understand the functions and problems that can adhere from rings. That's why we only carry the most sought-after rings that money can buy. We understand the time and pain of prepping rings for installation, we also understand that not everyone has the facility to correctly do this job. That's why we offer to gap, lap, and deburr your rings for you to help make your building experience as smooth as possible.

## Minimum Ring End Gaps

|                         | Aluminum                       | Cast/Ductile Iron              |
|-------------------------|--------------------------------|--------------------------------|
| <b>Top Ring</b>         | Bore x 0.004"                  | Bore x 0.006"                  |
| <b>2nd Ring (Range)</b> | Bore x 0.004"<br>Bore x 0.005" | Bore x 0.004"<br>Bore x 0.005" |
| <b>Oil Ring</b>         | Between 0.015-0.050" end gap   | Between 0.015-0.050" end gap   |

The chart above represents the values to use when figuring out your minimum ring end gap. On your top ring you take your bore and multiply it by the value corresponding with the type of cylinder that you are using. The 2nd ring has a range in which you multiply your bore with each given value and that will provide you with a range that the end gap should lie between along with the oil ring gap.

Axtell Sales also offers high quality ring sets that are pre-gapped and ready to go. These rings are filed, deburred, lapped, oiled, and ready to put in. Let us take the pain out of ring prep; just open and install!

### Pre-Gapped Ring Sets

| Part Number | Bore   | Oil Ring |
|-------------|--------|----------|
| 515-300 PG  | 4.125  | 3/16     |
| 515-320 PG  | 4.125  | 1/18     |
| 542-900 PG  | 3.8125 | 3/16     |
| 542-905 PG  | 3.8125 | 3mm      |

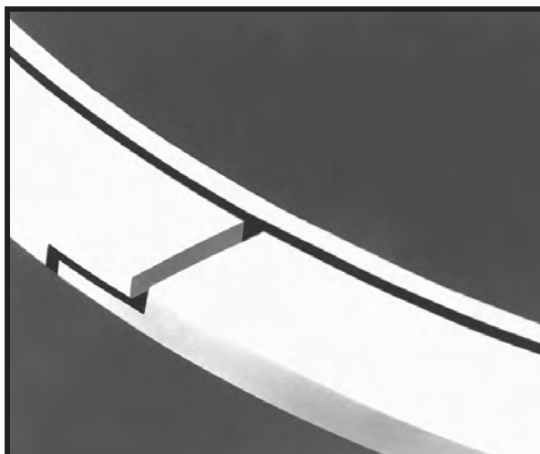


Childs & Albert Piston Ring Assembly Oil is designed to provide the proper surface lubrication during those crucial first moments when an engine runs. This oil is entirely compatible with standard and racing motor oils. This oil is especially beneficial for seating piston rings quickly, properly, and also using for engine bearings and roller lifters.

**Part #041-108**

RINGS / WRIST PINS / GASKETS

# CHILDS & ALBERT ZERO GAP RINGS



Finally, **ZERO GAP SECOND RINGS** with a tapered face. This is a one-piece design by Childs & Albert that produces a **ZERO LEAK SEAL** and eliminates the gap alignment leakage as seen with other gapless rings. These rings have a two-degree tapered face that gives outstanding oil control. The Childs & Albert Zero Gap Second Taper Face Piston Ring stands alone as the single most significant performance advantage in piston ring technology in recent years. Great in all applications where performance and excellent oil control are desired. Let Axtell Sales put you in the winners' circle with rings that will provide you with a surge of untapped power and reliability.

## Gapless Second Rings

| Part Number | Bore          | Ring |
|-------------|---------------|------|
| 500-350     | 3.500 (std)   | 1/16 |
| 500-351     | 3.510 (.010)  | 1/16 |
| 500-352     | 3.520 (.020)  | 1/16 |
| 500-353     | 3.530 (.030)  | 1/16 |
| 500-362     | 3.625 (std)   | 1/16 |
| 500-363     | 3.635 (.010)  | 1/16 |
| 500-364     | 3.645 (.020)  | 1/16 |
| 500-365     | 3.655 (.030)  | 1/16 |
| 500-3815    | 3.8125 (std)  | 1/16 |
| 500-382     | 3.8225 (.010) | 1/16 |
| 500-383     | 3.8325 (.020) | 1/16 |
| 500-384     | 3.8425 (.030) | 1/16 |
| 500-387     | 3.875 (std)   | 1/16 |
| 500-388     | 3.885 (.010)  | 1/16 |
| 500-389     | 3.895 (.020)  | 1/16 |
| 500-390     | 3.905 (.030)  | 1/16 |
| 500-394     | 3.9375 (std)  | 1/16 |
| 500-395     | 3.9475 (.010) | 1/16 |
| 500-400     | 4.000 (std)   | 1/16 |
| 500-401     | 4.010 (.010)  | 1/16 |
| 500-402     | 4.020 (.020)  | 1/16 |
| 500-4125    | 4.125 (std)   | 1/16 |
| 500-4135    | 4.135 (.010)  | 1/16 |
| 500-4145    | 4.145 (.020)  | 1/16 |
| 500-4155    | 4.155 (.030)  | 1/16 |
| 500-425     | 4.250 (std)   | 1/16 |
| 500-4375    | 4.375 (std)   | 1/16 |
| 500-4385    | 4.385 (.010)  | 1/16 |

\* Second rings are sold as pairs

## Gapless Ring Sets

| Part Number | Bore          | Top Ring | 2nd Ring | Oil Ring |
|-------------|---------------|----------|----------|----------|
| 503-109     | 3.500 (std)   | 1/16     | 1/16     | 5/32     |
| 503-111     | 3.510 (.010)  | 1/16     | 1/16     | 5/32     |
| 503-112     | 3.520 (.020)  | 1/16     | 1/16     | 5/32     |
| 503-113     | 3.530 (.030)  | 1/16     | 1/16     | 5/32     |
| 503-205     | 3.625 (std)   | 1/16     | 1/16     | 5/32     |
| 503-206     | 3.635 (.010)  | 1/16     | 1/16     | 5/32     |
| 503-207     | 3.645 (.020)  | 1/16     | 1/16     | 5/32     |
| 503-208     | 3.655 (.030)  | 1/16     | 1/16     | 5/32     |
| 503-900     | 3.8125 (std)  | 1/16     | 1/16     | 3/16     |
| 503-901     | 3.8225 (.010) | 1/16     | 1/16     | 3/16     |
| 503-902     | 3.8325 (.020) | 1/16     | 1/16     | 3/16     |
| 503-903     | 3.8425 (.030) | 1/16     | 1/16     | 3/16     |
| 503-905     | 3.8125 (std)  | 1/16     | 1/16     | 3mm      |
| 503-906     | 3.8225 (.010) | 1/16     | 1/16     | 3mm      |
| 503-907     | 3.8325 (.020) | 1/16     | 1/16     | 3mm      |
| 503-908     | 3.8425 (.030) | 1/16     | 1/16     | 3mm      |
| 503-200     | 3.875 (std)   | 1/16     | 1/16     | 3/16     |
| 503-201     | 3.885 (.010)  | 1/16     | 1/16     | 3/16     |
| 503-202     | 3.895 (.020)  | 1/16     | 1/16     | 3/16     |
| 503-203     | 3.905 (.030)  | 1/16     | 1/16     | 3/16     |
| 503-394     | 3.9375 (std)  | 1/16     | 1/16     | 4mm      |
| 503-395     | 3.9475 (.010) | 1/16     | 1/16     | 4mm      |
| 503-300     | 4.125 (std)   | 1/16     | 1/16     | 3/16     |
| 503-301     | 4.135 (.010)  | 1/16     | 1/16     | 3/16     |
| 503-302     | 4.145 (.020)  | 1/16     | 1/16     | 3/16     |
| 503-303     | 4.155 (.020)  | 1/16     | 1/16     | 3/16     |
| 503-320     | 4.125 (std)   | 1/16     | 1/16     | 1/8      |
| 503-321     | 4.135 (.010)  | 1/16     | 1/16     | 1/8      |
| 503-322     | 4.145 (.020)  | 1/16     | 1/16     | 1/8      |
| 503-323     | 4.155 (.030)  | 1/16     | 1/16     | 1/8      |

RINGS / WRIST PINS / GASKETS



# AXTELL PREMIUM RINGS



Axtell Sales' premium rings are sourced from the world's top ring manufacturers to give you the ultimate combination of performance and longevity. We at Axtell have spent many hours with a microscope to better understand what makes a good ring good and a bad ring bad. We have found that this comes down to a few basic principles: ring flatness on all surfaces, density of material, tension, and overall quality. When we source rings for our kits, all of these conditions must be met. We do this for our customers to give them the highest quality components for extreme riding conditions. Axtell Sales' top rings are plasma moly filled for superior ring seal, our second rings have tapered faces creating an excellent wiper effect for excessive oil on the cylinder wall, and our oil control rings are designed to have a medium tension for outstanding oil control without sacrificing horsepower.

| Part Number | Bore          | Top Ring  | Second Ring | Oil Ring |
|-------------|---------------|-----------|-------------|----------|
| 505-109     | 3.498 (std)   | 1/16 Moly | 1/16 Cast   | 5/32     |
| 505-110     | 3.505 (.005)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 505-111     | 3.510 (.010)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 505-112     | 3.520 (.020)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 505-113     | 3.530 (.030)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 505-114     | 3.540 (.040)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 507-205     | 3.625 (std)   | 1/16 Moly | 1/16 Cast   | 5/32     |
| 507-206     | 3.635 (.010)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 507-207     | 3.645 (.020)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 507-208     | 3.655 (.030)  | 1/16 Moly | 1/16 Cast   | 5/32     |
| 542-900     | 3.8125 (std)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 542-901     | 3.8225(.010)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 542-902     | 3.8325 (.020) | 1/16 Moly | 1/16 Cast   | 3/16     |
| 542-903     | 3.8425(.030)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 542-905     | 3.8125 (std)  | 1/16 Moly | 1/16 Cast   | 3mm      |
| 542-906     | 3.8225 (.010) | 1/16 Moly | 1/16 Cast   | 3mm      |
| 542-907     | 3.8325 (.020) | 1/16 Moly | 1/16 Cast   | 3mm      |
| 542-908     | 3.8425 (.030) | 1/16 Moly | 1/16 Cast   | 3mm      |
| 515-195     | 3.875 std     | 1/16 Moly | 1/16 Cast   | 1/8      |
| 515-200     | 3.875 std     | 1/16 Moly | 1/16 Cast   | 3/16     |
| 515-201     | 3.885 (.010)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 515-202     | 3.895 (.020)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 515-203     | 3.905 (.030)  | 1/16 Moly | 1/16 Cast   | 3/16     |
| 515-205     | 3.9375 (std)  | 1.2mm     | 1.5mm       | 4.0mm    |
| 515-206     | 3.9425 (.005) | 1.2mm     | 1.5mm       | 4.0mm    |

RINGS / WRIST PINS / GASKETS



# AXTELL PREMIUM RINGS

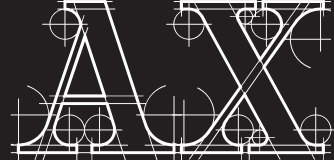


| Part Number | Bore         | Top Ring  | Second Ring | Oil Ring      |
|-------------|--------------|-----------|-------------|---------------|
| 515-103     | 4.280 (.030) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-110     | 4.000 (std)  | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-115     | 4.010 (.010) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-120     | 4.020 (.020) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-122     | 4.030 (.030) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-215     | 4.000 (std)  | 1/16 Moly | 1/16 Cast   | 1/8 w/support |
| 515-215A    | 4.000 (std)  | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-216A    | 4.010 (.010) | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-217A    | 4.020 (.020) | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-218A    | 4.030 (.030) | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-300     | 4.125 (std)  | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-301     | 4.135 (.010) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-302     | 4.145 (.020) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-303     | 4.155 (.030) | 1/16 Moly | 1/16 Cast   | 3/16          |
| 515-316     | 4.135 (.010) | 1/16 Moly | 1/16 Cast   | 3mm           |
| 515-317     | 4.145 (.020) | 1/16 Moly | 1/16 Cast   | 3mm           |
| 515-318     | 4.155 (.030) | 1/16 Moly | 1/16 Cast   | 3mm           |
| 501-100A    | 4.250 (std)  | .043 Moly | 1/16        | 1/8           |
| 501-101     | 4.260 (.010) | 1/16 Moly | 1/16        | 1/8           |
| 501-102     | 4.270 (.020) | .043      | 1/16        | 1/8           |
| 501-103     | 4.280 (.030) | .043      | 1/16        | 1/8           |
| 515-320     | 4.125        | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-321     | 4.135        | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-322     | 4.145        | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-323     | 4.155        | 1/16 Moly | 1/16 Cast   | 1/8           |
| 515-100     | 4.250 (std)  | 1/16 Moly | 1/16        | 3/16          |
| 515-101     | 4.260 (.010) | 1/16 Moly | 1/16        | 3/16          |
| 515-102     | 4.270 (.020) | 1/16 Moly | 1/16        | 3/16          |
| 515-150     | 4.375 (std)  | 1/16 Moly | 1/16        | 3/16          |
| 515-151     | 4.385 (.010) | 1/16 Moly | 1/16        | 3/16          |
| 515-155     | 4.500 (std)  | 1/16 Moly | 1/16        | 3/16          |
| 515-160     | 4.625 (std)  | .043      | .043        | 3mm           |

RINGS / WRIST PINS /  
GASKETS



# WRIST PINS



Axtell Sales has the wrist pins for your high performance V-twin. All of Axtell's wrist pins are precision machined to perfection out of high quality tool steel. Axtell Sales' wrist pins offer an excellent balance of strength and weight.



## Street Series Wrist Pins

| Part Number | Pin Diameter | Length | Wall Thickness | Weight | Retainer Style | Description   |
|-------------|--------------|--------|----------------|--------|----------------|---------------|
| 545-155B    | .791         | 2.795" | .140"          | 105g   | Spiro          | Straight Wall |
| 545-156     | .791         | 2.795" | .140"          | 105g   | Wire           | Straight Wall |
| 545-165     | .792         | 2.500" | .140"          | 105g   | Wire           | Straight Wall |
| 545-176     | .792         | 2.795" | .140"          | 97g    | Spiro          | Straight Wall |
| 545-178     | .792         | 2.795" | .140"          | 97g    | Wire           | Straight Wall |
| 545-250     | .927         | 2.500" | .150"          | 118g   | Wire           | Straight Wall |
| 545-275S    | .927         | 2.750" | .150"          | 130g   | Spiro          | Straight Wall |
| 545-275SC   | .927         | 2.750" | .150"          | 130g   | Wire           | Straight Wall |
| 545-285P    | .927         | 2.850" | .150"          | 134g   | Spiro          | Straight Wall |
| 545-285S    | .927         | 2.850" | .150"          | 134g   | Spiro          | Straight Wall |
| 545-285SC   | .927         | 2.850" | .150"          | 134g   | Wire           | Straight Wall |
| 501-187     | .927         | 2.950" | .150"          | 139g   | Spiro          | Straight Wall |
| 545-295SC   | .927         | 2.950" | .150"          | 139g   | Wire           | Straight Wall |

## ProStreet Series Wrist Pins

| Part Number | Pin Diameter | Length | Wall Thickness | Weight | Retainer Style | Description   |
|-------------|--------------|--------|----------------|--------|----------------|---------------|
| 545-170A    | .792         | 2.795" | .085"          | 67g    | Spiro          | Straight Wall |
| 502-250     | .927         | 2.500  | .090"          | 75g    | Spiro          | Straight Wall |
| 502-251     | .928         | 2.500" | .090"          | 75g    | Spiro          | Straight Wall |
| 502-275     | .927         | 2.750" | .090"          | 82g    | Spiro          | Straight Wall |
| 502-285     | .927         | 2.850" | .090"          | 86g    | Spiro          | Straight Wall |
| 545-179     | .927         | 2.500" | .130"          | 106g   | Spiro          | Straight Wall |
| 501-181     | .927         | 2.750" | .130"          | 116g   | Spiro          | Straight Wall |
| 501-186     | .927         | 2.950" | .130"          | 125g   | Spiro          | Straight Wall |

Highlighted rows are Childs and Albert wrist pins



## Pro Series Fuel Wrist Pins

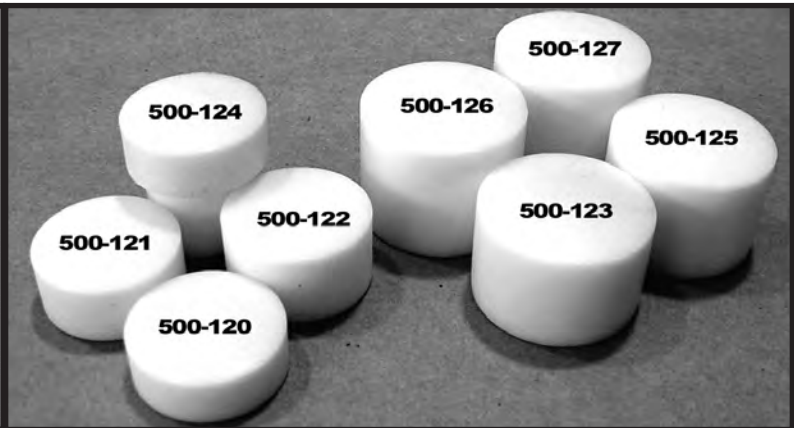
| Part Number | Pin Diameter | Length | Wall Thickness | Weight | Retainer Style | Description   |
|-------------|--------------|--------|----------------|--------|----------------|---------------|
| 545-178     | .792         | 2.795" | .200"          | 120g   | Spiro          | Straight Wall |
| 501-185     | .927         | 2.950" | .190"          | 144g   | Spiro          | Taper Wall    |



# BUTTONS, SPIRO LOCKS, WIRE LOCKS



Axtell Sales' Teflon buttons. By running buttons, there is no way the wrist pin can come out and cause severe engine damage. Buttons require pistons that fully support it from top to bottom.



| Part Number | Diameter     | Piston Bore | Length | Weight  |
|-------------|--------------|-------------|--------|---------|
| 500-120     | .791"/ .792" | 3.5"        | .325"  | 21g (4) |
| 500-121     | .791"/ .792" | 3.6"        | .400"  | 26g (4) |
| 500-122     | .791"/ .792" | 3.8"        | .475"  | 32g (4) |
| 500-123     | .927"        | 4.0/4.2"    | .625"  | 56g (4) |
| 500-125     | .927"        | 4.3"        | .695"  | 65g (4) |
| 500-126     | .927"        | 4.5"        | .770"  | 72g (4) |
| 500-127     | .927"        | 4.6"        | .825"  | 76g (4) |



Axtell Sales' Spiro and Wire Locks. Wire locks are required for all pistons that have a radius type groove cut and run a chamfered wrist pin. Spiro locks are for all pistons that have a square cut groove and run either a chamfered or straight cut wrist pin. It is critical that all pistons are checked for what type of retainer they are designed for; wire locks, spiro locks or double spiro locks. If locks are not run with the correct type groove and pin, then they can come out and cause severe engine damage.

| Part Number | Size        | Type       | Groove Width | Weight   |
|-------------|-------------|------------|--------------|----------|
| 501-999     | .791/ .792  | Wire Lock  | .073"        | 1.5g (2) |
| 501-792     | .791 / .792 | Spiro Lock | .042"        | 1.5g (2) |
| 501-997     | .927        | Spiro Lock | .073"        | 2.5g (2) |
| 501-998     | .927        | Wire Lock  | .042"        | 2.5g (2) |

\* Sold in sets of four



# HEAD AND BASE GASKETS



Axtell Sales head and base gaskets are made from the highest quality materials for outstanding performance and longevity. Our gaskets are available in a number of bolt patterns for both stock and aftermarket applications. They are also available in a number of thicknesses so you can adjust for desired clearances. Make sure to check out Axtell Sales' prepackaged kits for an unbeatable sealing combination.



| Application    | Bore   | Position | Material     | Thickness | Part Number |
|----------------|--------|----------|--------------|-----------|-------------|
| Twin Cam       | 3.75   | Head     | MLS          | .040"     | 554-237     |
| Twin Cam       | 3.875  | Head     | MLS          | .040"     | 554-239     |
| Twin Cam       | 3.875  | Head     | MLS          | .030"     | 554-239-30  |
| Twin Cam       | 3.875  | Base     | Coated Steel | .020"     | 554-140     |
| Twin Cam       | 4      | Head     | MLS          | .040"     | 554-241     |
| Twin Cam       | 4      | Head     | MLS          | .030"     | 554-241-30  |
| Twin Cam       | 4      | Base     | Coated Steel | .020"     | 554-160     |
| Twin Cam       | 4      | Base     | Copper       | .020"     | 554-165     |
| Twin Cam       | 4.125  | Head     | MLS          | .030"     | 554-242-30  |
| Twin Cam       | 4.125  | Head     | MLS          | .040"     | 554-242     |
| Twin Cam       | 4.125  | Base     | Coated Steel | .020"     | 554-170     |
| Twin Cam       | 4.375  | Head     | MLS          | .040"     | 554-245     |
| Evolution      | 3.5    | Head     | Copper       | .040"     | 554-035     |
| Evolution      | 3.5    | Head     | MLS          | .040"     | 554-235     |
| Evolution      | 3.5    | Base     | Copper       | .020"     | 554-352     |
| Evolution      | 3.5    | Base     | Copper       | .030"     | 554-353     |
| Evolution      | 3.5    | Base     | Copper       | .010"     | 554-351     |
| Evolution      | 3.625  | Head     | MLS          | .040"     | 554-236     |
| Evolution      | 3.625  | Base     | Coated Steel | .020"     | 554-155     |
| Evolution      | 3.8125 | Head     | Copper       | .040"     | 554-038     |
| Evolution      | 3.8125 | Head     | Copper       | .040"     | 554-120     |
| Evolution      | 3.8125 | Head     | MLS          | .040"     | 554-238     |
| Evolution      | 3.8125 | Base     | Coated Steel | .020"     | 554-151     |
| Evolution      | 3.8125 | Base     | Copper       | .010"     | 554-381     |
| Evolution      | 3.8125 | Base     | Copper       | .020"     | 554-382     |
| Evolution      | 3.8125 | Base     | Copper       | .030"     | 554-383     |
| Evolution      | 3.8125 | Base     | Fiber        | .015"     | 554-151A    |
| Shovel         | 3.625  | Head     | Copper       | .040"     | 554-124     |
| Shovel         | 3.8125 | Head     | Copper       | .040"     | 554-123     |
| Shovel         | 3.8125 | Head     | Copper       | .020"     | 554-123-20  |
| Shovel         | 3.8125 | Head     | Copper       | .032"     | 554-123-32  |
| S&S 4" Pattern | 4.125  | Head     | Copper       | .040"     | 554-041     |
| S&S 4" Pattern | 4.125  | Head     | Copper       | .040"     | 554-042     |
| S&S 4" Pattern | 4.125  | Base     | Copper       | .020"     | 554-175     |
| S&S SSW+       | 4.125  | Head     | MLS          | .040"     | 554-250     |
| S&S SSW+       | 4.125  | Base     | Coated Steel | .020"     | 554-180     |
| Axtell 4" Evo  | 4      | Head     | Copper       | .043"     | 554-040     |
| Indian         | 4.125  | Head     | Copper       | .043"     | 554-043     |

(MLS™ Head gaskets are Multi-Layer Steel)

RINGS / WRIST PINS / GASKETS



# PREMIUM GASKET KITS, O-RINGS AND SEALANTS



Axtell Sales' gasket kits are made by combining our highest quality gaskets into a time and money saving kit. Most kits are supplied with Multi-Layer Steel head gaskets and Viton rubber coated steel base gaskets. Top end kits include everything from the base gaskets up. Our complete kits come with all the gaskets needed for a complete engine teardown. Why risk reusing old gaskets that may leak when you can get it all in this extremely complete kit.

| Part Number  | Gasket Kits                          |
|--------------|--------------------------------------|
| 554-599      | Twin Cam 88" top end gasket kit      |
| 554-495      | Twin Cam 95" top end gasket kit      |
| 554-496      | 554-495 kit w/o head or base gaskets |
| 554-582      | Dyna/Softail gasket kit              |
| 554-638      | FLT Twin Cam complete gasket kit     |
| 554-477      | Evo Big Twin top end gasket kit      |
| 554-476      | 92-98 Big Twin complete gasket kit   |
| 554-452      | 77-85 XL top end gasket kit          |
| 554-7030-72A | 73-78 XL 1000cc top end gasket kit   |



Part #554-495

Many engine builders experience head gaskets leaking when building high compression motors. Our most successful remedy is to machine our cylinders to accept viton o-rings. These rings seal better under higher pressures than conventional head gaskets. We offer the following o-rings as replacements when building your engine.

- For performance or high-compression motors, contact Axtell Sales to manufacture a pair of o-ring cylinders.



O-ring Gaskets

| Part Number | Gasket Kits                           |
|-------------|---------------------------------------|
| 517-000     | TC Cam Plate o-rings (set of 7)       |
| 517-035     | 3.500" viton o-ring                   |
| 517-037     | 3.750" viton o-ring                   |
| 517-040     | 4.000" viton o-ring                   |
| 517-042     | 4.250" viton o-ring                   |
| 517-045     | 4.500" viton o-ring                   |
| 517-047     | 4.750" viton o-ring                   |
| 517-050     | 5.000" viton o-ring                   |
| 517-100     | Evo. Cylinder Dowel o-ring (set of 4) |
| 517-101     | 4 3/8" dowel o-rings                  |
| 517-156     | 4.500" Merch base o-ring              |

•O-rings are sold as pairs unless otherwise noted

Three Bond 1104 is another first-rate product brought to you from Axtell Sales. Three Bond 1104™ is a patented formula which forms an elastic, reliable gasket seal and is to be used where joined parts have large clearances. Three Bond 1104 forms a tough flexible film that resists damaging by fluids, chemicals, heat, pressure, and impact. This product works outstanding for sealing gasket surfaces along with base gasket surfaces for Axtell Sales ductile cylinders.



Part #031-100A



RINGS / WRIST PINS / GASKETS