

SLEEVES PWC



Model	Years	LA Sleeve Part No.	Advanced Sleeve Part No.
Kawasaki			
1100cc All models	2001-04		3036FA \$129.95
Polaris			
785cc SLX Pro	1998-98	FL5342SL \$119.95	
Yamaha			
701cc Blaster Runner	1994-04		3054FA \$129.95
701cc Raider SuperJet	1995-08		3215FA \$149.95 NA after stock
760cc All models	1996-00	YA5304SL \$99.95	
784cc All 800's XL XLT GP	1998-04	YA5356SL \$109.95	3291FA \$129.95
1200cc GP1200 XL1200	1999-00		3286FA \$129.95

*CYLINDER TYPE CODE DESCRIPTIONS

- AC:** Original cylinder bore is alloy-chrome plated, nikasil, electrofused or boron composite. Cylinder must be bored to accept new sleeve.
- CS:** Original cylinder has cast-in liner in cylinder. Cylinder must be bored out to accept new sleeve. Cast-in liner will be bored completely out of cylinder. Do not try to push out the cast-in liner, cylinder damage may result.
- CI:** Original cylinder has cast-iron liner. Cylinder must be bored to accept new sleeve. Cast-in liner will not be completely removed. Sleeve is designed to insert into the iron lined cylinder.
- RS:** Original cylinder has a replacement sleeve. Heat cylinder to remove sleeve. Re-heat cylinder to install new cylinder sleeve.

Street Bikes



Model	Years	Sleeve Part #	Price
Honda			
CB750 2-Valve, Stock CB750F CB750K	1973-77 1969-78 1969-78	H15SL	\$119.95
CB750 4-Valve Overbore to 985cc	1979-82	H113SL	\$89.95
CB900F Overbore to 1063cc	1979-82	H113SL	\$89.95
CBR900 72-74mm Bore	1992-99	3005FA	\$99.95
CB1100 Stock Block	1982-84	H118SL	\$99.95
Kawasaki			
GPZ750 Ninja 750R ZN750 Ltd. KZ750	1980-85 1984-85 1980-85 1980-85	KA686SL	\$129.95
GPZ1100 GPZX1100 KZ900 KZ1000 KZ1000ST KZ1100 Z1R/Z2R Overbore to 1200cc	1981-84 1983-84 1973-77 1976-80 1976-80 1983-84 1983-84 1977-80	KA629SL	\$69.95
KZ900 66mm Std. KZ1000ST 70mm Std. Z1R/Z2R 70-73mm bore	1973-77 1976-80 1977-80	KA627SL	\$89.95
GPZ1100 KZ1000 KZ900 KZ1000ST KZ1100 Z1R/Z2R Overbore 1200-1260cc	1983-84 1976-80 1973-77 1976-80 1983-84 1977-80	3010FA or KA750SL	\$99.95 \$69.95
GPZ1100 KZ1000 KZ900 KZ1000ST KZ1100 Z1R/Z2R Overbore 1425cc Big Block only	1983-84 1976-80 1973-77 1976-80 1983-84 1977-80	KA773SL	\$69.95
Suzuki			
GS1000 GS1150 GPZX1100 GSX1100E Overbore 1175-1260cc	1980-83 1984-86 1983-84 1980-83	3010FA	\$99.95
GSXR1100 GSXR1100F Katana	1986-92 1988-92	3188FA	\$109.95
GS1100 Overbore 1463-1568cc	1980-83	3028FA	\$109.95
GSXR1100 Overbore 1192-1198cc	1993-98	3016FA	\$109.95
Triumph			
Bonneville T100	2001-03	W6194	\$169.95
Yamaha			
FJ1100 FJ1100 FJ1200 XJR1200 Overbore 1188cc	1986-93 1995-98 1986-93 1995-98	3015FA	\$99.95
FJ1100 FJ1100 FJ1200 XJR1200 Overbore 1250-1314cc	1986-93 1995-98 1986-93 1995-98	3032FA	\$99.95

Swag
Electronics
Fuel Management
Crankshafts
Valves Train
Clutch
Top End:
Aprilia
Arctic Cat
BMW
Cagiva
Can-Am
Ducati
Gas Gas
GM Speedway
Honda
Husaberg
Husqvarna
Jawa
Indian
Kawasaki
KTM
Polini
Polaris
Rotax, ATK
Suzuki
Triumph
VOR
Yamaha
PWC
Sleeves
Rings
Accessories

SLEEVES

Off-Road Cycle & ATV



Model	Years	Sleeve Part #	Price	Cyl. Type
Honda • Motorcycle • 2-Stroke				
CR80R	1988-02	3101FA	\$119.95	AC
CR125R	1996-99	3259FA	\$129.95	AC
CR125R	2001	3377FA	\$129.95	AC
CR125R	2002	3418FA	\$129.95	AC
CR125R	2003	3433FA	\$129.95	AC
CR250R	1989	3132FA	\$129.95	AC
CR250R	1990-91	3133FA	\$129.95	AC
CR250R	1995-96	3103FA	\$129.95	AC
CR250R	1997-98	3220FA	\$129.95	AC
CR250R	1999-00	3280FA	\$129.95	AC
CR250	2002-04	3361FA	\$129.95	AC
Honda • Motorcycle • 4-Stroke				
XR100	1992-06	3078FA	\$99.95	CI
XR400	1996-04	3236FA	\$109.95	RS
XR400 Big Bore	1996-04	3052FA	\$109.95	AC
Honda • ATV • 4-Stroke				
TRX300 2-Valve	1988-00	H5062SL	\$89.95	RS
TRX300 4-Valve	1993-03			
TRX400 EX	1999-08	3052FA	\$109.95	RS
TRX400EX Sportax	1999-08	3236FA	\$109.95	RS
TRX450 Foreman ES	1998-01	3409FA	\$119.95	RS
Foreman S	1998-01			
Foreman FE ES	2004-05			
FM Foreman S	2002-04			
Kawasaki • Motorcycle • 2-Stroke				
KX65	2000-10	3402FA	\$119.95	AC
KX80	1991-94	3049FA	\$129.95	AC
KX80	1998-00	3267FA	\$119.95	AC
KX85	2001-09	3296FA	\$119.95	AC
KX100	1995-97	3171FA	\$129.95	AC
KX100	1998-09	3248FA	\$129.95	AC
KX125	1990-91	3048FA	\$129.95	AC
KX125	1996-97	3331FA	\$129.95	AC
KX125	1998-99	3337FA	\$129.95	AC
KX125	2001	3356FA	\$129.95	AC
KX250	1998-99	3289FA	\$129.95	AC
KX250	2000-01	3407FA	\$129.95	AC
KX500	1989-04	3161FA	\$149.95	AC
Kawasaki • Motorcycle • 4-Stroke				
KLX400	2003-04	3287FA	\$119.95	AC
KLX400 440 Big Bore	2000-04	3481FA	\$119.95	CI
Kawasaki • ATV • 4-Stroke				
KXF400	2003	3287FA	\$119.95	AC
KXF400 440 Big Bore	2000-04	3481FA	\$119.95	CI
Polaris • ATV • 4-Stroke				
Predator 104.75-107.5mm	2003-06	3458FA	\$119.95	AC

Model	Years	Sleeve Part #	Price	Cyl. Type
Suzuki • Motorcycle • 2-Stroke				
RM65 44.5mm-46.5mm	2003-06	3402FA	\$119.95	AC
RM100	2003-05	3171FA	\$129.95	AC
RM125	1981	FL722SL	\$119.95	CI
RM125	1994-96	3156FA	\$129.95	AC
RM125	1998-99	3299FA	\$129.95	AC
RM125	2000-03	3425FA	\$129.95	AC
RM250	2000-02	3306FA	\$129.95	AC
Suzuki • Motorcycle • 4-Stroke				
DRZ400	2000-08	3287FA	\$119.95	AC
DRZ400 440 Big Bore	2000-07	3481FA	\$119.95	AC
Suzuki • ATV • 4-Stroke				
LT250R	1987	3148FA	\$129.95	CS
LT-Z 400	2003-08	3287FA	\$119.95	AC
LT-Z 400 Big Bore	2003-08	3481FA	\$119.95	AC
Yamaha • Motorcycle • 2-Stroke				
YZ80	1993-01	3177FA	\$119.95	CI
YZ125	1996-98	3183FA	\$129.95	AC
YZ125	1999-01	3217FA	\$129.95	AC
YZ125	2002	3422FA	\$129.95	AC
YZ250	1999-07	3332FA	\$129.95	AC
Yamaha • Motorcycle • 4-Stroke				
YZ250F	2000-02	YA5424SL	\$89.95	AC
YZ250F	2001-05	3305FA	\$99.95	AC
SRX600 TT600 XT600 Tenere 600 95-98mm	1983-96	3191FA	\$119.95	RS
SRX600 TT600 XT600 Tenere 600 101mm	1983-96	3192FA	\$119.95	RS
Yamaha • ATV • 2-Stroke				
YFS200 Blaster	1988-06	3100FA	\$129.95	CS
YFZ350 Banshee	1987-04	3061FA	\$129.95	CI
Yamaha • ATV • 4-Stroke				
YFM250 Raptor YFM250 SE Raptor YFM250 SE Custom Raptor	2008-11	4425FB	\$159.95	AC
YFM350X Warrior YFM350 Raptor	1987-08	3107FA	\$99.95	RS
YFZ450	2004-08	3428FA	\$119.95	AC
YFM660F Grizzly	1998-02	3191FA	\$119.95	AC
YFM660F Grizzly	1998-01	3192FA	\$119.95	AC
YFM660R Raptor YFM660F Grizzly	2001-05 2002-08	3347FA	\$119.95	RS

Cylinder Honing Procedure

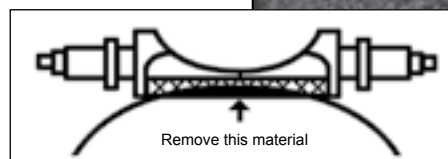
Cast Iron Sleeved Cylinders: To ensure proper ring seal, it is necessary to hone the cylinder with a rigid or brush hone. DO NOT install a new piston without honing the cylinder to break the glaze. Finish hone with a 280 grit. Cross hatch is necessary to ensure proper ring seal and adequate lubrication. If the cylinder is in good condition, simply honing the cylinder may be enough to restore the bore to an acceptable condition. However in some cases, boring may be necessary to insure the cylinder bore is within the tolerances outlined in the service manual.

Plated Cylinders: (Includes nickel ceramic coatings (Nikasil), chrome, Electrofusion, and boron composite.) If the plated cylinder is in good condition, honing may not be necessary. If deglazing is necessary, DO NOT use a ball hone. Use a rigid or brush type diamond hone. Plated cylinders cannot be bored oversize without replating or resleeving.

Any time a cylinder is bored or honed: All ports must be chamfered. The top of the cylinder should be deburred, and the bottom should be generously chamfered for ease of piston and ring installation. When boring a cylinder with an exhaust bridge, the face of the bridge must be relieved .002"-.004" to allow for bridge expansion. Without proper bridge clearance, engine damage could occur.

IMPORTANT: After honing, the cylinder must be washed with warm soapy water to remove all honing grit. Be sure to wash away any grit that may have traveled into the transfer and exhaust ports during honing. The cylinder is NOT clean until you can wipe the cylinder wall with a clean, oil dampened cloth and it does not pick up any honing grit. Lightly oil the cylinder bore to prevent oxidation and assist with piston installation.

Exhaust Power Valves (2-Stroke engines): When boring cylinders with exhaust power valves the exhaust power valve must be inspected to ensure it does not extend into the cylinder. The exhaust power valve must have approximately .015" clearance from the cylinder bore. Without proper clearance, the exhaust power valve could contact the piston and engine damage could occur. If machining the exhaust power valve is necessary, remove metal only in the area that extends into the cylinder bore. (See illustration)



Honing Brushes

Nylon Soft Hone Brushes

Bore Range mm	Bore Range Inches	Part No.	Brush O.D.	Overall Length	Price
45-57mm	1.77"-2.24"	W6075	2"	10"	\$49.40
57-70mm	2.24"-2.76"	W6076	3"	10"	\$49.40
63-76mm	2.48"-2.99"	W6077	4"	14"	\$64.73
76-89mm	2.99"-3.50"	W6078	4"	14"	\$64.73
89-102mm	3.50"-4.02"	W6079	4"	14"	\$72.83



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Clutch
Top End:
Aprilia
Arctic Cat
BMW
Cagiva
Can-Am
Ducati
Gas Gas
GM Speedway
Honda
Husaberg
Husqvarna
Jawa
Indian
Kawasaki
KTM
Polini
Polaris
Rotax, ATK
Suzuki
Triumph
VOR
Yamaha
PWC
Sleeves
Rings
Accessories

RINGS • 2-Stroke

All Wiseco rings can be used in cast iron, nickel ceramic platings (Nikasil), boron composite, and Electrofusion bores.

CAUTION: Unless otherwise noted, Wiseco rings can NOT be used in chrome plated bores. Engine damage will occur.

*CSM & CDM rings are designed to be used in chrome bores.

Type	Price	Thickness	Bore Range	Description
2-Stroke Rings				
CS	\$17.28	1mm (.039") 	39 - 74mm (1.535 - 2.913")	Alloy steel, ferrox coated, chrome faced, internally notched.
CST	\$17.28	1mm (.039") 	54mm (2.126") & 66.4mm (2.614")	Alloy steel, ferrox coated, chrome faced, internally notched.
CSA	\$36.96	1mm (.039") 	44.5 - 73mm (1.752 - 2.874")	Alloy steel, ferrox coated, titanium nitride faced, internally notched.
CD	\$34.55	1mm (.039")  1mm (.039") 	39 - 74mm (1.535 - 2.913")	Alloy steel, ferrox coated, chrome faced, internally notched.
CDW	\$33.54	1mm (.039")  1mm (.039") 	73.4mm (2.890")	Alloy steel, ferrox coated, chrome faced, internally notched (for 2.04mm knock pin)
*CSM	\$17.22	1mm (.039") 	39 - 73mm (1.535 - 2.874")	Nodular iron, phosphate coated, internally notched (for use in • Chrome Bores)
*CDM	\$33.54	1mm (.039")  1mm (.039") 	39-73mm (1.535-2.874")	Nodular iron, phosphate coated, internally notched (for use in • Chrome Bores)
TC	\$17.90	1.2mm (.047") 	74.5 - 91mm (2.933 - 3.583")	Alloy steel, ferrox coated, chrome faced, internally notched.
TD	\$35.77	1.2mm (.047")  1.2mm (.047") 	74.5 - 91mm (2.933 - 3.583")	Alloy steel, ferrox coated, chrome faced, internally notched.
TDW	\$35.77	1.2mm (.047")  1.2mm (.047") 	74.8 - 81mm (2.945 - 3.189")	Alloy steel, ferrox coated, chrome faced, internally notched (for 2.04mm knock pin)
LT	\$38.25	2.0mm (.079") 	67.5 - 80mm (2.658 - 3.150")	Nodular iron, phosphate coated, chrome faced, internally notched, half-keystone, Dykes "L".
LK	\$45.67	2.0mm (.079")  	67.5 - 84mm (2.658 - 3.307")	LK ring package contains (1) LT ring, and (1) flat ring. The flat ring will be a CS style for bore sizes up to 74mm; TC style for 74.25mm bores and larger.
LF	\$45.67	2.0mm (.079")  2.0mm (.079") 	81 - 84mm (3.189 - 3.307")	The LF ring package contains (1) Nodular iron, phosphate coated, chrome faced, internally notched, half-keystone, Dykes "L" top ring, and (1) cast iron, phosphate coated, internally notched second ring.
KA	\$17.90	1.5mm (.059") 	55.57 - 98.9mm (2.188 - 3.894")	Alloy steel, ferrox coated, chrome faced, side notched, half-keystone.
KD	\$30.85	1.5mm (.059")  1.5mm (.059") 	55.57 - 98.9mm (2.188 - 3.894")	Alloy steel, ferrox coated, chrome faced, side notched, half-keystone.
KB	\$39.88	1.2mm (.047")  1.2mm (.047") 	82 - 85.25mm (3.228 - 3.356")	Alloy steel, ferrox coated, chrome faced, side notched, half-keystone.
KE	\$20.95	1.2mm (.047")  1.2mm (.047") 	65mm (2.559") & 66.5mm (2.618")	Alloy steel, ferrox coated, chrome faced, internally notched, half-keystone.
KF	\$30.85	1.2mm (.047")  1.2mm (.047") 	65mm (2.559") & 66.5mm (2.618")	Alloy steel, ferrox coated, chrome faced, internally notched, half-keystone.

RINGS • 4-Stroke

All Wiseco rings can be used in cast iron, nickel ceramic platings (Nikasil), boron composite, and Electrofusion bores.

CAUTION: With the exception of the XJ rings, Wiseco 4-stroke rings can NOT be used in chrome plated bores. Engine damage will occur.

*XJ rings are designed to be used in chrome bores.

Type	Price	Bore Range	Top Ring	2nd Ring	Oil Ring
4-Stroke Rings					
EK	\$89.95	96 - 98mm (3.780 - 3.858")	0.7mm (.028") Alloy steel, flat faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced 	2mm (.079") 2 piece cast iron oil assembly, phosphate coated 
GFX	\$41.40	93.54 - 105.61mm (3.683- 4.158")	1.2mm (.047") Alloy steel, gas nitrided, positive twist 	1.2mm (.047") Cast iron, phosphate coated, taper faced, under hook 	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
VA	\$29.55	97mm (3.819")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced 	1.5mm (.057") Cast iron, phosphate coated, taper faced 	3mm (.118") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
X	\$33.10	80.97 - 92.83mm (3.188 - 3.655")	1.58mm (.0625") Cast iron, moly barrel faced 	1.58mm (.0625") Cast iron, taper faced, reverse torsion 	3.9mm (.1525") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XA	\$35.47	60 - 74.5mm (2.362-2.933")	0.8mm (.031") Alloy steel, ferrox coated, chrome faced 	0.8mm (.031") Nodular iron, phosphate coated, taper faced 	1.5mm (.059") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XC	\$33.10	64-94mm (2.520-3.701")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced 	2.8mm (.110") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
XD	\$33.10	66-68mm (2.598-2.677")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced 	2mm (.079") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
XE	\$31.92	47-59mm (1.850-2.323")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced 	2.5mm (.098") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
XG	\$33.10	75-83mm (2.953-3.268")	1mm (.039") Alloy steel, ferrox coated, gas nitrided 	1mm (.039") Nodular iron, phosphate coated, taper faced 	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XH	\$33.10	95-102mm (3.740-3.977")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced 	1.5mm (.057") Cast iron, phosphate coated, taper faced 	4mm (.057") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
*XJ	\$33.10	95mm (3.740")	1.2mm (.047") Soft nitrided, nodular cast iron 	1.5mm (.057") Cast iron, phosphate coated, taper faced 	4mm (.158") 3 piece oil assembly: Stainless steel spacer, soft nitrided rails 
XK	\$29.55	98.42 - 103.38mm (3.875 - 4.070")	1.5mm (.057") Cast iron, plasma moly faced 	1.5mm (.057") Cast iron, reverse torsion taper faced 	2.5mm (.098") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XN	\$33.10	96.84mm (3.8125")	1.5mm (.057") Cast iron, plasma moly faced 	1.5mm (.057") Cast iron, reverse torsion taper faced 	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, unplated rails 
XP	\$33.10	92.01 - 96.01mm (3.663 - 3.780")	1.5mm (.057") Cast iron, plasma moly faced 	1.5mm (.057") Cast iron, reverse torsion taper faced 	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XQ	\$33.10	95 - 97.28mm (3.740 - 3.830")	1.5mm (.057") Cast iron, moly faced 	1.5mm (.057") Cast iron, reverse torsion taper faced 	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 

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Ducati

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GM Speedway

Honda

Husaberg

Husqvarna

Jawa

Indian

Kawasaki

KTM

Polini

Polaris

Rotax, ATK

Suzuki

Triumph

VOR

Yamaha

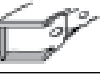
PWC

Sleeves

Rings

Accessories

RINGS • 4-Stroke

Type	Price	Bore Range	Top Ring	2nd Ring	Oil Ring
4-Stroke Rings					
XR	\$33.10	85 - 94mm (3.346 - 3.701")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced 	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XS	\$34.29	95 - 104mm (3.740 - 4.094")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced 	1.5mm (.057") Cast iron, phosphate coated, taper faced 	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XU	\$35.47	77.00mm (3.031")	0.9mm (.035") Alloy steel, ferrox coated, chrome faced 	0.8mm (.031") Ductile iron, phosphate coated, taper faced 	1.5mm (.059") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XX	\$30.24	75 - 100mm (2.953 - 3.937")	1mm (.039") Stainless steel, gas nitrided, barrel faced 	1.2mm (.047") Cast iron, phosphate coated, taper faced, under hook 	2.8mm (.110") 3 piece oil assembly: Stainless steel flex-vent spacer, nitrided rails 
XY	\$34.95	95-100mm (3.740 - 3.937")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced 	1.5mm (.057") Cast iron, phosphate coated, taper faced 	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
XL	\$27.95	65.09 - 67.63mm (2.563 - 2.663")	1.96mm (.077") Chrome faced Nodular iron 	No second ring	2.8mm (.110") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
XM	\$27.95	65.09 - 71.50mm (2.563 - 2.815")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	No second ring	2.8mm (.110") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
YB	\$37.89	78mm (3.071") & 80mm (3.150")	0.9mm (.035") Stainless steel, gas nitrided, barrel faced 	No second ring	1.5mm (.059") 3 piece oil assembly: Stainless steel flex-vent spacer, nitrided rails 
YC	\$41.68	77mm (3.031")	0.8mm (.031") Alloy steel, phosphate coated, chrome faced positive twist 	No second ring	1.5mm (.059") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
YE	\$41.64	95mm (3.740")	1mm (.039") Alloy steel, phosphate coated, chrome faced positive twist 	No second ring	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
YF	\$34.11	66mm (2.598")	.8mm (.031") Alloy steel, gas nitrided, barrel faced positive twist 	No second ring	1.5mm (.057") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
ZB	\$55.08	107.95mm (4.250")	1.1mm (.043") Ductile iron, plasma moly face 	No second ring	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
ZC	\$33.10	89mm (3.504") & 91mm (3.583")	1mm (.039") Alloy steel, ferrox coated, chrome faced 	No second ring	2.8mm (.110") 3 piece oil assembly: Stainless steel spacer, chrome faced rails 
ZG	\$33.10	76mm (2.992")	1mm (.039") Alloy steel, ferrox coated, gas nitrided 	No second ring	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
ZN	\$33.10	96.84mm (3.8125")	1.5mm (.057") Alloy steel, unplated face 	No second ring	3mm (.118") 3 piece oil assembly: Stainless steel flex-vent spacer, unplated rails 
ZS	\$33.10	95 - 101mm (3.740 - 3.976")	1.2mm (.047") Alloy steel, ferrox coated, chrome faced 	No second ring	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 
ZV	\$37.05	96 - 100mm (3.780 - 3.937")	.95mm (.037") Alloy steel, gas nitrided barrel faced positive twist 	No second ring	2mm (.079") 3 piece oil assembly: Stainless steel flex-vent spacer, chrome faced rails 

TiN Rings

Titanium nitride coated rings are designed for extreme racing conditions by providing extended life and sustained power. Utilized by top race teams and engine builders.

2-Stroke • TiN Rings

Part No.	Bore Size	Price (per ring)
1535CSA	39.00mm	\$36.96
1752CSA	44.50mm	\$36.96
1772CSA	45.00mm	\$36.96
1869CSA	47.50mm	\$36.96
1890CSA	48.00mm	\$36.96
1909CSA	48.50mm	\$36.96
2047CSA	52.00mm	\$36.96
2067CSA	52.50mm	\$36.96
2087CSA	53.00mm	\$36.96
2126CSA	54.00mm	\$36.96
2205CSA	56.00mm	\$36.96
2244CSA	57.00mm	\$36.96
2284CSA	58.00mm	\$36.96
2614CSA	66.40mm	\$36.96
2668CSA	67.75mm	\$36.96
2835CSA	72.00mm	\$36.96
2844CSA	72.50mm	\$36.96
2874CSA	73.00mm	\$36.96

4-Stroke • TiN Rings

Part No.	Bore Size	Price (per set)
6600YFA	66.00mm	\$50.63
2992XGA	76.00mm	\$50.63
7680MCA	76.80mm	\$50.63
7700YCA	77.00mm	\$50.63
7800YBA	78.00mm	\$50.63
9550ZVA	95.50mm	\$50.63
9600ZVA	96.00mm	\$50.63
3819XSA	97.00mm	\$50.63
9700ZSA	97.00mm	\$50.63



Key features

- Reduced friction
- Wear resistant
- Harder than chrome

Key benefits

- Resists wear from exhaust bridge that plagues today's high performance 2-cycle engines.
- Maintains size and geometry for exceptional ring seal providing sustained peak performance.

Tapered Ring Compressor Sleeves



- Machined from Wiseco sleeve forgings to offer the same toughness as Wiseco's forged pistons.
- Hard anodized and Teflon coated for low friction and prolonged wear resistance.
- Sleeves have a smooth radius that tapers down to the specific bore size.
- Compresses the piston rings smoothly and evenly.
- Greatly reduces the difficulty with installing thin high-performance oil rings.

\$29.95

Ring Compressor Sleeves

Part No.	Bore Size (mm)	Bore Size (in.)
RCS06550	65.50	2.579
RCS06600	66.00	2.598
RCS06650	66.50	2.618
RCS06700	67.00	2.638
RCS06750	67.50	2.657
RCS06800	68.00	2.677
RCS06900	69.00	2.716
RCS07000	70.00	2.756
RCS07200	72.00	2.835
RCS07300	73.00	2.874
RCS07400	74.00	2.913
RCS07500	75.00	2.953
RCS07550	75.50	2.972
RCS07600	76.00	2.992
RCS07680	76.80	3.024
RCS07700	77.00	3.031
RCS07750	77.50	3.051
RCS07800	78.00	3.071
RCS07900	79.00	3.110

Part No.	Bore Size (mm)	Bore Size (in.)
RCS08000	80.00	3.150
RCS08100	81.00	3.189
RCS08150	81.50	3.209
RCS08200	82.00	3.228
RCS08300	83.00	3.268
RCS08400	84.00	3.307
RCS08450	84.50	3.327
RCS08500	85.00	3.346
RCS08550	85.50	3.366
RCS08600	86.00	3.386
RCS08650	86.50	3.406
RCS08700	87.00	3.425
RCS08750	87.50	3.445
RCS08800	88.00	3.465
RCS08850	88.50	3.484
RCS08900	89.00	3.504
RCS08950	89.50	3.524
RCS09000	90.00	3.543
RCS09050	90.50	3.563
RCS09100	91.00	3.583
RCS09200	92.00	3.622

Part No.	Bore Size (mm)	Bore Size (in.)
RCS09250	92.50	3.642
RCS09300	93.00	3.661
RCS09350	93.50	3.681
RCS09400	94.00	3.701
RCS09450	94.50	3.720
RCS09500	95.00	3.740
RCS09550	95.50	3.760
RCS09600	96.00	3.780
RCS09652	96.52	3.800
RCS09677	96.77	3.810
RCS09700	97.00	3.819
RCS09750	97.50	3.839
RCS09800	98.00	3.858
RCS09850	98.50	3.878
RCS09900	99.00	3.898
RCS09916	99.16	3.904
RCS09950	99.50	3.917
RCS10000	100.00	3.937
RCS10100	101.00	3.976
RCS10200	102.00	4.016
RCS10400	104.00	4.094

Swag
Electronics
Fuel Management
Crankshafts
Valves Train
Clutch
Top End:
Aprilia
Arctic Cat
BMW
Cagiva
Can-Am
Ducati
Gas Gas
GM Speedway
Honda
Husaberg
Husqvarna
Jawa
Indian
Kawasaki
KTM
Polini
Polaris
Rotax, ATK
Suzuki
Triumph
VOR
Yamaha
PWC
Sleeves
Rings
Accessories

PISTON PINS

\$35.54 - \$44.50

High Tensile Steel Pins				
Part #	OD mm	Length mm	ID mm	Weight grams
S680	16.000	44.50	9.00	47.60
S688	17.000	42.00	10.00	46.00
S674	17.000	47.00	12.00	41.50
S665	18.000	47.00	12.00	51.50
S673	20.000	47.50	12.16	47.50
S698	20.000	60.00	12.00	93.41

\$13.26 - \$18.59

Unchromed Pins (2 & 4-cycle use)				
Part #	OD mm	Length mm	ID mm	Weight grams
S563	12.000	31.00	8.00	15
S634	12.000	31.01	9.00	11.8
S595	12.000	36.00	9.00	17
S538	12.000	39.00	8.00	19
S671	13.000	29.75	8.90	14.5
S517	14.000	38.35	10.00	22
S288	14.000	41.00	10.00	23
S485	14.000	45.25	9.00	31
S394	14.000	48.00	9.00	33
S635	15.000	41.00	9.00	32.9
S467	15.000	41.00	10.00	36
S632	15.000	47.00	9.50	34.4
S668	15.000	47.00	10.50	34.4
S637	16.000	44.00	11.00	33.7
S514	16.000	44.50	11.00	34
S270	16.000	46.99	11.00	36
S255	16.000	50.00	10.00	43
S256	16.000	52.00	10.00	44.8
S486	16.000	55.25	11.00	42
S271	16.000	57.00	10.00	54
S259	16.000	58.40	10.00	50
S507	17.000	46.18	11.00	43
S540	17.000	56.75	11.00	58
S506	18.000	46.18	12.00	46
S459	18.000	47.00	13.00	42
S482	18.000	49.50	12.00	50
S477	18.000	52.70	13.00	46
S508	18.000	53.50	13.00	48
S280	18.000	54.99	13.00	48
S257	18.000	56.00	13.00	49
S511	18.000	57.00	13.00	50
S484	18.000	58.20	12.00	63
S272	18.000	58.50	12.00	58
S513	18.000	58.50	13.00	51
S343	18.000	60.00	12.00	60
S277	18.000	65.50	12.00	64
S615	19.000	50.44	11.00	74.2
S475	19.000	58.50	12.00	77
S478	19.900	59.89	13.00	82
S423	20.000	55.50	15.00	56
S631	20.000	60.00	12.00	83
S512	20.000	60.00	15.00	59.8
S650	20.000	65.00	12.00	91.5
S461	20.000	65.00	15.00	64
S544	20.000	74.50	12.00	116
S392	20.000	77.50	13.00	108
S414	20.000	82.00	13.00	115
S568	21.000	66.50	16.00	69
S419	22.000	54.00	15.00	85
S640	22.000	63.50	15.00	101.4
S539	22.000	63.50	17.00	70
S662	22.000	69.85	15.00	99
S428	22.000	82.00	15.00	129
S651	24.000	68.00	15.00	126.5
S598	24.000	68.00	18.00	96

\$59.95 - \$79.50

DLC Coated Pins				
Part #	OD mm	Length mm	ID mm	Weight grams
S660C	19	50.44	11.0	74
S677C	16	40.00	9.0	39
S682C	19	45.00	10.0	69
S686C	16	41.50	10.3	38
S708C	20	63.50	10.0	117
S709C	21	63.50	11.0	125
S710C	22	63.50	12.0	132
S721C	21	60.00	9.6	128
S722C	22	60.00	10.6	137
S729C	23	63.50	12.8	142
S742C	16	41.90	9.9	38
S759C	18	44.50	10.4	59

Contact WiseCo for pricing and availability

Superfinished OD (2 & 4-cycle use)				
Part #	OD mm	Length mm	ID mm	Weight grams
S630	10.000	32.90	7.10	10
S592	13.000	39.00	8.00	25
S737	14.000	36.50	8.00	29.32
S593	14.000	44.00	9.00	31
S571	15.000	44.50	9.00	36
S525	15.000	50.00	9.00	44
S522	15.000	56.00	9.00	44
S526	15.000	60.00	9.00	52
S677	16.000	40.00	9.00	39
S686	16.000	41.50	10.50	37
S742	16.000	41.91	9.91	37.88
S646	16.000	44.40	10.00	42.7
S554	16.000	44.50	10.00	39
S271	16.000	57.00	10.00	54
S532	17.000	43.00	11.00	41
S533	17.000	52.35	11.00	49
S523	17.000	61.70	11.00	56.6
S557	17.000	61.70	9.00	78
S537	18.000	43.00	12.00	43
S600	18.000	47.00	10.00	64
S560	18.000	47.00	12.00	47
S524	18.000	57.00	12.00	56
S556	18.000	62.80	10.00	85
S278	18.000	62.81	12.00	62
S759	18.000	44.45	10.38	58.58
S531	19.000	46.00	11.90	55
S682	19.000	47.50	12.80	68.7
S660	19.000	50.44	11.00	73.8
S376	19.000	63.50	12.00	85
S675	20.000	45.00	13.00	63.8
S641	20.000	50.44	12.00	79.9
S549	20.000	50.85	13.00	64
S553	20.000	55.50	13.00	71
S520	20.000	60.00	13.00	76
S656	21.000	50.85	13.00	84.8
S561	21.000	50.85	14.00	68
S527	21.000	54.00	14.00	80
S529	21.000	70.00	14.00	104
S618	22.000	50.80	13.86	90
S550	22.000	50.85	15.00	71
S655	22.000	57.15	14.00	96.81
S566	22.000	63.50	15.00	89
S551	23.000	50.85	16.00	75
S591	23.000	54.00	16.00	79
S724	23.000	57.15	15.00	106.14
S626	23.000	63.50	15.00	117
S552	24.000	50.85	17.00	79
S627	24.000	63.50	16.00	123
S760	25.146	63.50	15.87	146.28

Top End Bearings, Main Bearings & Retainer Clips

Top End Bearings

Part #	ID	OD	Length +0/-0.2mm	Price
B1084	10	14	12.5	\$15.82
B1041	12	15	14.5	\$16.96
B1042	12	15	16.3	\$16.96
B1000	12	16	15.5	\$15.82
B1043	12	16	14.8	\$16.96
B1015	12	17	14.2	\$15.82
B1006	14	18	17.5	\$15.82
B1080	14	18	15.8	\$16.96
B1012	14	18	15.8	\$15.82
B1018	14	18	19.8	\$15.82
B1083	14	18	16.8	\$15.82
W5215	14.3	19.1	15.75	\$16.15
B1001	15	19	17.3	\$15.82
B1013	15	19	19.8	\$16.96
B1038	15	20	17.8	\$15.82
B1016	16	20	19.8	\$16.96
B1021	16	20	22.5	\$16.96
B1082	16	20	19.8	\$16.96
B1008	16	21	19.5	\$16.96
B1005	16	21	22.5	\$16.96
B1037	18	22	19.8	\$16.96
B1003	18	22	21.8	\$16.96
B1022	18	22	23.5	\$16.96
B1014	18	23	21.8	\$18.09
B1002	18	23	23.8	\$18.09
B1036	19	24	24.8	\$18.09
B1071	20	24	23.8	\$18.09
B1072	20	24	22.8	\$18.09
B1039	20	25	21.8	\$18.09
B1023	20	25	24.8	\$18.09
B1031	20	25	22.8	\$18.09
B1004	20	25	27.8	\$19.22
B1024	20	26	23.8	\$18.09
B1081	21	25	23.8	\$16.96
B1030	22	27	24.8	\$18.09
B1074	22	27	22.8	\$18.09
W5839	23	28	21.7	\$31.68
B1075	24	29	24.8	\$18.09

Main Bearings

Wiseco PN	ID (mm)	OD (mm)	Width (mm)	Price
B5005	20	47	14	\$9.93
B5008	20	52	15	\$14.64
B5009	22	56	16	\$16.12
B5010	22	56	16	\$15.25
B5053	22	56	16	\$24.17
B5024	25	52	15	\$12.21
B5012	25	55	15	\$18.66
B5013	25	62	16	\$25.47
B5006	25	62	17	\$13.95
B5014	25	62	17	\$23.58
*B5015	25	62	17	\$46.45
B5019	25	62	17	\$16.54
B5025	25	62	17	\$58.86
B5046	25	62	17	\$38.83
B5011	28	68	18	\$21.75
B5034	28	72	18	\$46.45
B5017	30	62	13	\$35.96
B5002	30	62	16	\$12.98
*B5022	30	62	16	\$19.99
B5039	30	62	16	\$64.75
B5041	30	62	16	\$32.35
B5044	30	62	20	\$48.55
B5036	30	64	16	\$56.11
B5052	30	72	16	\$37.25
B5048	30	72	18	\$52.87
B5000	30	72	19	\$39.19
B5003	30	72	19	\$18.26
B5021	30	72	19	\$23.14
*B5028	30	72	19	\$45.99
B5050	30	72	19	\$29.11
B5055	30	72	19	\$24.12
B5047	30	76	17.5	\$47.47
B5045	32	65	17	\$38.83
B5035	32	72	30.1	\$146.87
B5026	35	72	17	\$23.43
B5040	35	72	17	\$70.15
B5042	35	72	17	\$26.95
B5004	35	80	21	\$24.12
B5016	35	80	21	\$26.49
B5037	35	80	21	\$59.95
B5049	35	80	21	\$47.47
B5054	39	60	16	\$52.42
B5038	39	65	18	\$47.47
B5043	40	80	18	\$26.95
B5001	40	90	23	\$34.20

*NA after stock

Retainer Clips

Part #	mm	Price
CS13	13	\$2.00
CS20	20	\$2.00
CS22	22	\$2.00
CW10	10	\$2.00
CW12	12	\$2.00
CW13	13	\$2.00
CW14	14	\$2.00
CW15	15	\$2.00
CW16	16	\$2.00
CW17	17	\$2.00
CW18	18	\$2.00
CW19	19	\$2.00
CW20	20	\$2.00
CW21	21	\$2.00
CW22	22	\$2.00
CW23	23	\$2.00
CW24	24	\$2.00
CW26	23	\$2.00
CW28	21	\$2.00
W4958	20	\$2.00
W5263	19.045	\$2.00
W5333	18.5	\$2.00
W5413	.563"	\$2.00
W5414	.6875"	\$2.00
W5487	23.315	\$2.00
W5509	20	\$2.00
W5590	22	\$3.40
W5731	20	\$2.00
W5752	.927"	\$2.00
W5858	12.44	\$2.00
W5860	23	\$2.00
W5939	23	\$2.00
W6045	24	\$2.00
W6139	20.638	\$2.00
W6883	16	\$2.00

Swag

Electronics

Fuel
Management

Crankshafts

Valves Train

Clutch

Top End:

Aprilia

Arctic Cat

BMW

Cagiva

Can-Am

Ducati

Gas Gas

GM Speedway

Honda

Husaberg

Husqvarna

Jawa

Indian

Kawasaki

KTM

Polini

Polaris

Rotax, ATK

Suzuki

Triumph

VOR

Yamaha

PWC

Sleeves

Rings

Accessories

CRANKSHAFT ACCESSORIES • Pins & Bearings

\$20.95

Limited stock available

Crank Pins

Part #	Diameter mm	Length mm	Type
W5787	16	30	Solid
W5788	20	43	Hollow
W5791	22	46.5	Hollow
W5794	22	54	Hollow
W5796	22	54.5	Hollow
W5797	22	56.5	Hollow
W5798	24	48	Solid
W5800	24	52	Solid
W5802	24	55	Solid

Crank Pins

Part #	Diameter mm	Length mm	Type
W5804	24	58	Hollow
W5811	24.3	54	Hollow
W5818	26	53	Solid
W5819	26	54.5	Hollow
W5820	26	55	Solid
W5831	38	65	Hollow
W5857	28	57	Solid
W6451	30	13	Oiling

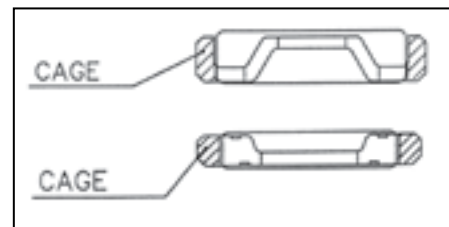
\$20.95 (*B1053 - \$29.35)

Crank Pin Bearings

Part #	Type	ID	OD	Width
B1045	KU	20	26	14
B1046	KU	22	28	14
B1047	KU	22	28	16
B1048	KU	22	29	17
B1049	KU	24	31	17
B1050	KU	24	32	20
B1051	KU	25	32	20
B1052	KU	32	41	18
B1053	KU	34	43	20
B1057	KT	24.3	32.3	16
B1058	KT	24.6	30.6	15
B1059	KU	25	32	16
B1062	KT	26	34	20
B1063	KU	28	35	16
B1066	KU	38	48	23
B1067	KT	24	30	15
B1068	KT	25	34	17.8
B1069	KU	30	38	18

Crank Pin Bearings

Part #	Type	ID	OD	Width
B1070	KU	16	22	12
B1073	KT	17	23	14
B1077	KT	32	40	20
B1078	KU	25	32	16
B1079	KT	33	41	20
B1089	KU	32	40	18



\$6.29

Limited stock available

Thrust Washers

Part #	ID	Thickness
W5864	24.3mm	1mm
W5838	24mm	2.5mm
W5879	24mm	1.5mm
W6027	27mm	1.5mm
W5772	24.8mm	1mm

