

# 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 (D7971)

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	2.717
RCS07000	70.00	2.756
RCS07200	72.00	2.835
RCS07300	73.00	2.874
RCS07340	73.40	2.890
RCS07400	74.00	2.913
RCS07500	75.00	2.953
RCS07600	76.00	2.992
RCS07700	77.00	3.032
RCS07750	77.50	3.051
RCS07800	78.00	3.071
RCS07900	79.00	3.110

Part No.	Bore Size (mm)	Bore Size (in.)
RCS08100	81.00	3.189
RCS08150	81.50	3.209
RCS08200	82.00	3.228
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
RCS38100	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
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

## 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"	\$42.01 (D0873)
57-70mm	2.24"-2.76"	W6076	3"	10"	\$43.44 (D0193)
63-76mm	2.48"-2.99"	W6077	4"	14"	\$54.51 (D0094)
76-89mm	2.99"-3.50"	W6078	4"	14"	\$56.79 (D1115)
89-102mm	3.50"-4.02"	W6079	4"	14"	\$56.79 (D1115)



**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)

