

PORSCHE 356 AIR-COOLED

Bore	Stroke	Rod	Comp Height	Pin Diam.	Crown Vol	Wght G	Compression Ratio	Alloy	Clearance Guide			Part No.
									Meas.	Min	Max	

NOTE: All Air-cooled CR calculated at 1mm below deck

PORSCHE 356 - Slip-in cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						57.5cc	60.5cc							
86.0mm	74mm	135.95mm	27.05mm	22mm	15.8cc	301	10.0	9.5	2618	0.250	0.0004	0.0012	PP86-003N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-86 *	Cylinder (ea)	
												PS86-003N *	Kit (set)	

PORSCHE 356 - Slip-in cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						60.5cc	63.5cc							
86.0mm	74mm	135.95mm	27.05mm	22mm	18.7cc	305	10.0	9.5	2618	0.250	0.0004	0.0012	PP86-004N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-86 *	Cylinder (ea)	
												PS86-004N *	Kit (set)	

PORSCHE 356 - Slip-in cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						63.5cc	66.5cc							
86.0mm	74mm	135.95mm	27.05mm	22mm	21.8cc	307	10.0	9.5	2618	0.250	0.0004	0.0012	PP86-005N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-86 *	Cylinder (ea)	
												PS86-005N *	Kit (set)	

PORSCHE 356 - Machine-in 94.5mm cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						57.5cc	60.5cc							
91.0mm	74mm	135.95mm	27.05mm	22mm	10.6cc	321	10.0	9.5	2618	0.250	0.0006	0.0014	PP91-001N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-91 *	Cylinder (ea)	
												PS91-001N *	Kit (set)	

PORSCHE 356 - Machine-in 94.5mm cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						60.5cc	63.5cc							
91.0mm	74mm	135.95mm	27.05mm	22mm	13.6cc	324	10.0	9.5	2618	0.250	0.0006	0.0014	PP91-002N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-91 *	Cylinder (ea)	
												PS91-002N *	Kit (set)	

PORSCHE 356 - Machine-in 94.5mm cylinder case register (30° cylinder heads)

1.2, 1.2, 2.8mm Performance Ring Set Included						63.5cc	66.5cc							
91.0mm	74mm	135.95mm	27.05mm	22mm	16.6cc	332	10.0	9.5	2618	0.250	0.0006	0.0014	PP91-003N	Piston (set)
*LN cylinders sold through LN distributors; Kit PN shown for reference only												LN 102-91 *	Cylinder (ea)	

Motorsport Air-Cooled Cylinders

The cylinders included in Motorsports air-cooled kits are produced and machined to original equipment tolerances, designed to provide increased performance, durability and longevity. Some applications are available as either a slip-in or machine-in design. The slip-in cylinders are simply a larger internal bore replacement. The machine-in cylinders require the engine cases be machined to a larger bore diameter to accept their larger spigot diameter. The larger spigot diameter is preferable for extreme applications as with highly boosted turbo or competition use engines.

MAHLE Motorsport has partnered with LN Engineering to broaden the range of available Porsche applications. The LN "Nickies" cylinders are manufactured from a different aluminum alloy than MAHLE cylinders. The MAHLE Motorsport pistons designed to work with LN liners are manufactured from the compatible alloy and designed specifically for use with LN liners, offering the same performance, durability and longevity.