

# GENERAL CLEARANCE GUIDELINES

## SHELF PISTON KITS ONLY - REFER TO CUSTOM PISTON SPEC SHEET INCLUDED WITH PISTON KIT

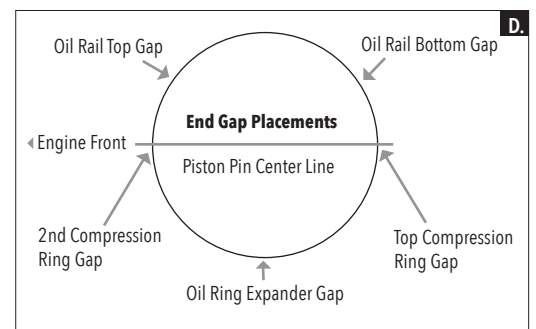
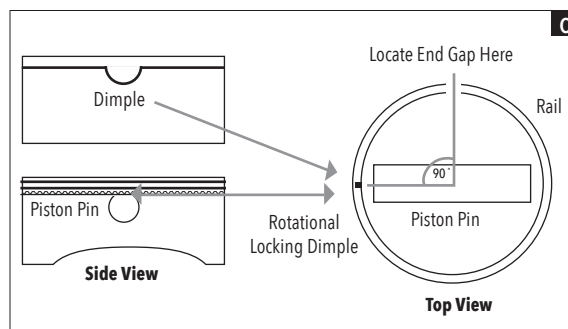
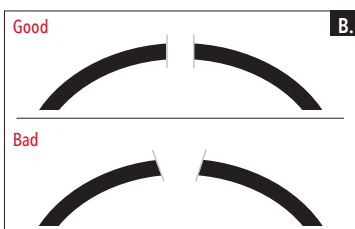
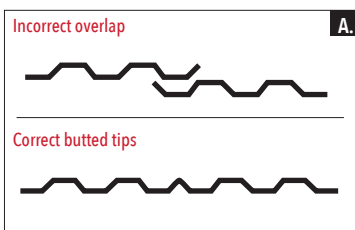
All specifications listed on piston spec card are a minimum baseline. Refer to chart below for specific application - make adjustments as needed.

APPLICATION GAS/ALCOHOL/E85	RING END GAP FACTOR (MULTIPLY PER INCH OF BORE)		PISTON TO WALL CLEARANCE (INCHES)	
	TOP	SEC	2618 ALLOY	4032 ALLOY
Street/Strip/NA	.0045	.0048	No Additional	No Additional
Nitrous up to 150HP	.0055	.0058	Add .0005	Add .0005
Nitrous 150HP to 350HP	.0065	.0068	Add .001	Not Recommended
Nitrous 350HP +	.0080	.0080	Add .0015-.002	Not Recommended
Mild Boost up to 15lb	.0055	.0058	Add .0005	Not Recommended
Medium Boost 15lb to 30lb	.0070	.0073	Add .001	Not Recommended
High Boost 30lb +	.0080	.0080	Add .001-.002	Not Recommended
Marine Closed Cooling System	.0050	.0053	No Additional	No Additional
Marine Open Cooling System	.0050	.0053	Add .001	Add .0005-.001
Road Race	.0045	.0048	Add .001-.0015	No Additional
Circle Track	.0045	.0048	Add .000-.001	No Additional
Filled Cast Iron Block	.0050	.0053	Add .001-.002	Not Recommended
Aluminum Block	.0050	.0053	Subtract .001-.002	Subtract .001

**Note: ALL clearance values called out in inches.** Ring Eng Gap Factor multiplies by finished bore. Oil expander ends must butt, installed with end tips facing upwards (figure A). Oil scrapper end gaps install between .015"-.050" clearance (figure B). Oil Rail Support installs with dimple facing downward, locking between void in wrist pin bore (figure C). Position Clock ring gaps on piston to figure D.

### FINAL PISTON CLEARANCE SHOULD BE BASED SOLELY ON THE DEMANDS OF YOUR APPLICATION

Variables such as fuel type, altitude, outside temperature, humidity, tune up, application type and much more must be considered



**NOW AVAILABLE!**

Wiseco Tapered Ring Compressor Sleeves in a variety of bore sizes.

**WARNING:** It is your responsibility to check pistons for compliance to your ordered specifications BEFORE ASSEMBLY. Pin fitting, number stamping, block fitting, dome compatibility, cylinder head clearance, etc.. Wiseco Piston makes every effort to assure customer satisfaction with Quality Products, Performance and Service.