

# Piston Rings

## Ring-to-Groove Clearances

After installing a new set of rings, measure ring-to-groove clearances:

### Top Ring Clearance

M/T:

Standard (New): 0.035 - 0.065 mm  
(0.0014-0.0026 in)

Service Limit: 0.13 mm (0.005 in)

A/T:

Standard (New): 0.030 - 0.055 mm  
(0.0012 - 0.0022 in)

Service Limit: 0.13 mm (0.005 in)

### Second Ring Clearance

M/T:

Standard (New): 0.030 - 0.060 mm  
(0.0012-0.0024 in)

Service Limit: 0.13 mm (0.005 in)

A/T:

Standard (New): 0.030 - 0.055 mm  
(0.0012-0.0022 in)

Service Limit: 0.13 mm (0.005 in)

