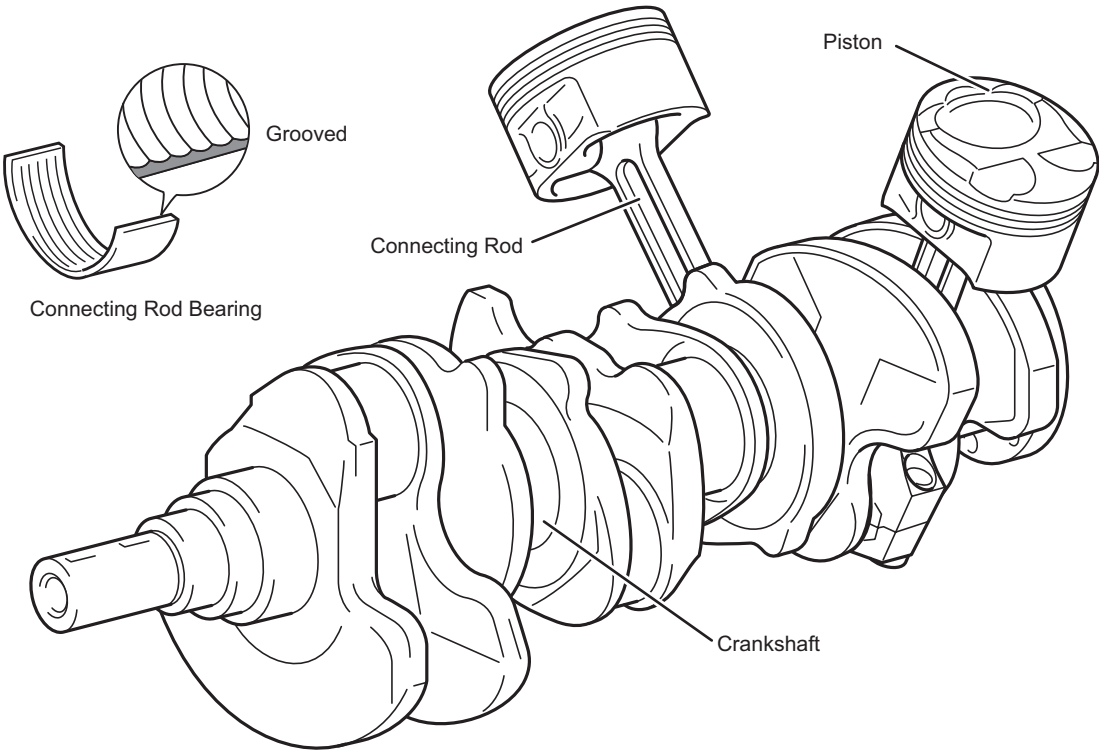


Piston and Crankshaft

- The pistons are made of a lightweight and highly rigid aluminum alloy.
- The connecting rods are made of highly rigid, sintered forged steel that ensures a high level of reliability.
- The crankshaft, which is made of forged steel, is a type that has 4 journals and 5 balance weights. It is lightweight and the balance weights are placed optimally to reduce vibration and noise. The crank pin width and the journal fillet have been made narrower to shorten the length of the crankshaft, in order to realize both high rigidity and low friction. The fillets have been induction hardened to ensure ample strength.
- The connecting rod bearings and the crankshaft bearings have been made narrower to reduce friction. The bearing lining is made of an aluminum alloy to realize both wear resistance and seizure resistance.
- The crankshaft pulley is provided with a torsional damper to reduce vibration and noise.



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Connecting Rod

Big End Inner Diameter	[mm (in.)]	56.0 (2.205)
Small End Inner Diameter	[mm (in.)]	22.0 (0.866)
Center Distance Between Big and Small Ends	[mm (in.)]	147.5 (5.807)

Crankshaft

Journal Diameter	[mm (in.)]	61.0 (2.402)
Crank Pin Diameter	[mm (in.)]	53.0 (2.087)
Crank Pin Stroke Radius	[mm (in.)]	41.5 (1.634)