

1200cc & 1600cc Engine Dimension and Wear Limits

Crankcase Bores for Main Bearings	New Part mm Dimension	Wear Limit	New Part Inch Dimension	Wear Limit
Bearings 1, 2 and 3	65.00 - 65.02	65.03	2.5591 - 2.5598	2.5602
Bearing 4	50.00 - 50.03	50.04	1.9685 - 1.9697	1.9701
Bore for oil seal / flywheel end	90.00 - 90.05	-	3.5433 - 3.5453	-
Bores for camshaft bearings	27.50 - 27.52	-	1.0826 - 1.0834	-
Bore for oil pump housing	70.00 - 70.03	-	2.7559 - 2.7571	-
Bores for cam followers	19.00 - 19.02	-	0.7480 - 0.7488	0.7500

Crankshaft Journal Dimensions	New Part mm Dimension	Wear Limit	New Part Inch Dimension	Wear Limit
Main journals, 1, 2 and 3	54.97 - 54.99	-	2.1641 - 2.1649	-
Main journal 4	39.98 - 40.00	-	1.5740 - 1.5748	-
Connecting rod journals	54.98 - 55.00	-	2.1646 - 2.1654	-
Three undersizes of .010 each				

Connecting Rods	New Part mm Dimension	Wear Limit	New Part Inch Dimension	Wear Limit
Weight difference between connecting rods in one engine	max 5 grams	max 10 grams		
Weight of replacement connecting rods				
- Weight (brown)	580 - 588 grams	-		
+ Weight (gray)	592 - 600 grams	-		
Piston Pin	21.996 - 22.000	-	.8658 - .8661	-
Piston Pin Bushing	22.009 - 22.017	-	.8665 - .8668	-

Camshaft	New Part mm Dimension	Wear Limit	New Part Inch Dimension	Wear Limit
Bearings 1, 2 and 3	24.99 - 25.00	-	.9839 - .9843	-
Cam Follower	18.96 - 18.98	18.93	.7465 - .7472	0.7453