

DIMENSIONS AND CLEARANCES

All dimensions and clearances given at room temperature of 70°F.
All values in inches unless otherwise specified.

	Minimum	Maximum
CAMSHAFT AND CRANKSHAFT		
Crankshaft Main Bearing Journal to Bearing Clearance	0.0025	0.0038
* Crankshaft End Play	0.006	0.012
Camshaft Bearing to Camshaft	0.0015	0.0030
Camshaft End Play	0.003	
* Crankshaft Rod Journal to Rod Bearing	0.0020	0.0033
Connecting Rod End Play	0.002	0.016
Timing Gear Backlash	0.002	0.003
Oil Pump Gear Backlash	0.002	0.005
PISTON AND CYLINDER		
Piston Pin in Piston	0.0002	0.0004
Piston Pin in Rod	0.0002	0.0007
* Piston Ring Gap in Cylinder	0.010	0.020
Piston Clearance in Cylinder—Measured .10 Below Oil		
Control Ring, 90° from Pin	0.001	0.003
Cylinder Bore — Standard Size	3.1245	3.1255
Crankshaft Main Bearing Journal — Standard Size	1.9992	2.0000
Crankshaft Rod Bearing Journal — Standard Size	1.6252	1.6260
TAPPETS AND VALVES		
* Valve Seat Width	1/32	1/8
* Valve Face Angle	44°	
* Valve Seat Angle	45°	
Valve Stem to Guide — Intake	0.0010	0.0025
Valve Stem to Guide — Exhaust	0.0035	0.0040
Tappet to Cylinder Block Clearance	0.0015	0.0030
Tappet Adjustment (Cold)		
* Intake	0.007	0.009
* Exhaust	0.012	0.014

* - Frequently used overhaul values.

ASSEMBLY TORQUES AND SPECIAL TOOLS

	FT.-LB.
Gearcase Cover	8 - 10
Cylinder Head Stud Nuts (Cold)	14 - 16
Rear Bearing Plate Screws	25 - 27
Starter Mounting Bolts	18 - 20
Connecting Rod Bolt	14 - 16
Flywheel Cap Screw	35 - 40
Other 5/16" Cylinder Block	
Stud and Nuts	8 - 10
Oil Base	18 - 23
Manifold Mounting Screws	6 - 10
Oil Pump	7 - 9

The following special tools are available from Onan,
for further information see Tool Catalog 900-0019.

Valve Seat Driver
Valve Guide Driver
Oil Guide and Driver
Combination Bearing Remover (Main and Cam)
Combination Bearing Driver (Main and Cam)
Flywheel Puller

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Technical Report Human Resources Research Organization, 1956 **Special Regulations** United States. Department of the Army, 1954 List and Index of War Department Publications United States. War Department, 1946 *Hospital Management* ,1963-07 **The Country Gentleman** ,1952 *PS, the Preventive Maintenance Monthly* ,1954 The Preventive Maintenance Monthly is an official publication of the Army providing information for all soldiers assigned to combat and combat duties The magazine covers issues concerning maintenance maintenance procedures and supply problems Hatchery Tribune and Feed Retailer ,1959 *Cumulative Title Index to United States Public Documents, 1789-1976* Daniel W. Lester, 1980 *Popular Mechanics* ,1952-12 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle Farm Journal and Country Gentleman ,1949 *Building Age* ,1928 **Farm Journal** ,1949 Building and Engineering News ,1927 *Electronics* ,1954 June issues 1941 44 and Nov issue 1945 include a buyers guide section

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In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Hobart Onan 16 Manual** a literary masterpiece penned by a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those who partake in its reading experience.

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