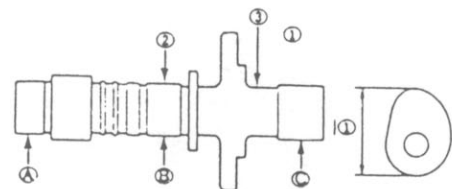
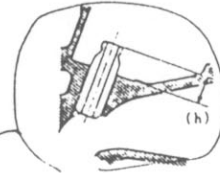
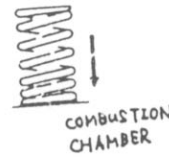


Cylinder Head	Item	Standard	Service Limit
Cylinder compression at 400 min ⁻¹ (rpm)		1.275 ±196 kPa (13.0 ±2.0 kg/cm ² , 185 ±28 psi)	
Cylinder compression difference		40 mm Hg (1.6 in Hg)	
Valve clearance IN		0.15±0.02 (0.006 ±0.0008)	
EX		0.20±0.02 (0.008 ±0.0008)	
Cylinder head warpage			0.10 (0.004)
Cam lobe height ① IN		32.845 (1.2931)	32.805(1.3424)
EX		32.663 (1.2859)	32.623(1.2844)
Camshaft runout			0.02 (0.001)
Camshaft oil clearance at A point.		0.030-0.091 (0.0012-0.0036)	0.095 (0.0008)
			
Camshaft journal O.D.		4.975-4.990 (0.1959-0.1965)	4.97 (0.196)
Camshaft holder I.D.		4.955-4.970 (0.1951-0.1957)	4.94 (0.194)
Valve stem O.D. IN		5.000-5.012 (0.1969-0.1973)	5.04 (0.198)
EX		5.000-5.012 (0.1969-0.1973)	5.04 (0.198)
Valve guide I.D. IN		0.010-0.037 (0.0004-0.0014)	0.07 (0.003)
EX		0.030-0.057 (0.0012-0.0022)	0.09 (0.004)
Stem-to-guide clearance IN		11.4-11.6 (0.45-0.46)	
EX		11.4-11.6 (0.45-0.46)	
Valve guide projection above cylinder head IN (h)			
EX (h)			
 <p>Before guide installation:</p> <ol style="list-style-type: none"> 1. Chill the valve guides in the freezer section of a refrigerator for about an hour. 2. Heat the cylinder head to 100-150 °C(212-300° F). 			
Valve seat width IN		1.0 (0.04)	1.5 (0.06)
EX		1.0 (0.04)	1.5 (0.06)
Valve spring free length outer IN		34.03 (1.340)	32.368(1.2743)
outer EX		34.03 (1.340)	32.368(1.2743)
inner IN		31.69 (1.248)	29.815(1.1738)
inner EX		31.69 (1.248)	29.815(1.1738)
Rocker arm I.D.		10.000-10.015 (0.3937-0.3943)	10.05 (0.396)
Rocker arm shaft O.D.		9.972-9.987 (0.3926-0.3932)	9.93 (0.391)
Rocker arm-to-rocker arm shaft clearance			
			

Valve spring direction

Tightly wound coil facing the combustion chamber