

TABLE II. DESIGNED CLEARANCES—(cont.)

Title	Sub-Title	Maximum		Minimum		Clearance	
		in.	mm.	in.	mm.	in.	mm.
Tappet and Tappet Guide	Tappet Stem, diameter	.374	9.500	.370	9.398	.0008	.019
	Tappet Guide, Bore diameter	.375	9.531	.375	9.519	.005	.133
Camshaft and Bearings	Camshaft Spindle diameter	.8103	20.580	.8095	20.561	.002	.051
	Bush, diameter	.813	20.650	.812	20.631	.004	.089
Oil Pump	Pump Body, Small Bearing, diameter	.376	9.538	.375	9.512	.003	.006
	Pump, Rotor, Small Spindle, diameter	.374	9.506	.374	9.493	.002	.044
	Pump Body, Large Bearing diameter	.501	12.713	.500	12.687	.003	.006
	Pump Rotor, Large Spindle diameter	.499	12.681	.499	12.668	.002	.044
	Pump Cavity, diameter	.841	21.361	.840	21.323		
	Bearing, Outer Race, Bore diameter	1.693	42.990	1.692	42.979	.001	.028
Sleeve Pinion and Mainshaft	" " Roller diameter	.250	6.353	.250	6.347	.003	.066
	Sleeve Pinion, Bearing Track diameter	1.191	30.244	1.190	30.231	.003	.076
	Sleeve Pinion, Bush diameter	.688	17.475	.687	17.456		
Kickstart Assembly	Main Shaft, Spindle diameter	.684	17.370	.684	17.367	.004	.108
	Bearing Spindle, diameter	.499	12.675	.498	12.649	.0008	.019
	Kickstart Bevel Bush, Bore diameter	.501	12.713	.500	12.694	.003	.064
Rear Forks	Kickstart Spindle Bush, Bore diameter	.751	19.075	.750	19.037	.0005	.013
	Kickstart Spindle diameter	.749	19.025	.747	18.974	.004	.116
	Pivot Pin diameter	.869	22.066	.867	22.028	.0002	.005
	Pivot Lug Bush	.871	22.111	.870	22.092	.001	.025
SPRINGS	Title	Free Length	Fitted Length	Rate		Load at Fitted Length	
	Valve Spring (Inner) L. H. Wound	1.475 in. (37.465 mm.)	1.037 in. (26.340 mm.)	52 lbs./in. 9 kgs./cm.		23 lbs. (10.43 kgs.)	
	Valve Spring (Outer) R. H. Wound	1.49 in. (37.846 mm.)	1.037 in. (26.340 mm.)	71 lbs./in. 12.6 kgs./cm.		32 lbs. (14.51 kgs.)	
	Shock Absorber Spring	1.844 in. (46.838 mm.)	1.656 in. (42.062 mm.)	670 lbs./in. ± 15 lbs./in. 119 kgs./c. ± 2.68 kgs./cm.		126 lbs. (57.2 kgs.)	
Front Fork Springs	10.5 in. (266.7 mm.)	—	Variable		—		