

41	Stem diameter: Intake=0.212/0.216 Exhaust= 0.212/0.216	
42	See tech manual for additional dimensions	
43	Head Surface to Valve Seat: Intake and exhaust= 0.287min/0.305max	
44	-to Valve Guide: 1.010max	
45	- to lowest machined area in port: Intake= 1.162max Exhaust= 1.122max	
46	Ports- stock "AS CAST"- Single 45 degree angle valve seats	
47	Port Diameter @ valve: Intake: 0.946 max Exhaust= 0.830 max	
48	Block: Bore= 2.682max Stroke= 1.778max/ 1.758min	
49	Top of Piston Deck: 0.000" to 0.013" below deck	
50	Plastic fan- all blades intact	
51	Degree Cam: See tech manual	
52	Max lift: Intake= 0.227 Exhaust= 0.229	
53	Check flywheel and offset key allowed	
54	Check key for alteration	
55	Check flywheel magnet and screw for alteration	
56	Check flywheel weight: 2300 grams min	
57	Check flywheel diameter magnet area – 6.285 min	
58	Crankcase cover: Stock "AS CAST"	
59	Gasket: Stock Honda gasket 0.025 max thickness	
60	Cover to be flat +_005	
61	Piston: Stock Honda standard size no alterations. Dot toward push rod	
62	Piston Weight: With rings, pin and retainers 195 grams min	
63	Height: 1.786 - 1.789	
64	Skirt diameter= 2.674 min 2.678 max (perpendicular to pin)	
65	Wrist Pin: Stock OD 0.709 ID 0.556 length 2-125ref	
66	Rings: Stock Honda- thickness= compression and scraper 0.036, 3 piece Oil Ring= 0.076 N or T Top rings marked 1R Second Ring R	
67	Connection Rod: Big end I.D.- 1.176 min 1.184 max	
68	Small end bore= 0.710 ref.	
69	Length- near edges of bore = 2.441 max	
70	Weight with Bolts: 140 grams min.	
71	Crankshaft: Stock Honda no alterations. Governor drive gear in place	
72	Camshaft: Stock Honda no alterations. Compression release intact.	
73	Heel to heel: Intake= 0.865 –0.869 Exhaust= 0.866-0.870	
74	Heel to peek: Intake= 1.079-1.093 Exhaust= 1.081-1.095	
75	Length flange to flange: 3.135min 3.142 max	
76	Cam bearings: 0.547 min- 0.551 max	
77	Tappets Stock Honda no alterations. Base Diameter= 0.910 min	
78	Stem Diameter= 0.073 min Base thickness= 0.076 min – 0.090 max	
79	Length= 1.180 min- 1.220 max Weight= 17 grams min	
80	Block Stock : Honda "AS CAST". Oil level sensor intact-Deck finish non-tech	
81	Bore= 2.682 max	
82	Machined side cover surface- to cam thrust face= 3.220/3.240max	
83	Machined side cover surface- to bearing face= 3.430min/3.442max	
84	200 Carb Spec	
85		
86		