

# TAM QUICK ENGINE SPECIFICATION

specs\_nis\_a12.xlsx

Nissan A12				
1171 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
2.874	2.76	1-3-4-2	1.9675	1.7706
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING	OIL CAPACITY WITH FILTER
BP5ES	.031-.035	.018-.022	7 deg.BTDC/700	3.2 U.S.qts.
TORQUE VALUES				
LOCATION	FT. LB.		LOCATION	FT. LB.
Main brg.caps	36-43		Oil pan drain plug	14-22
Rod brg. caps	24-26		Oil pump bolt	6.5-10
Cyl. head bolts	51-54		Rocker arm nut	12-17
Cam sprocket bolt	29-35		Rckr. shaft brckt.bolt	14-18
Crank pulley bolt	108-145		Side cover bolt	
Flywheel bolt	47-54		Spark plug	11-14
Flywheel housing			Water outlet bolt	
Manifold bolt and nut	6.5-10		Water pump bolt	6.5-10
Oil pan bolt	2.9-5.1		Wtr.pmp.pulley bolt	
PISTON				
Diameter	2.8735-2.8755		Pin hole bore	.6871-.6874
Pin diameter	.6869-.6871			
RINGS				
Ring gap-Top	.0079-.0138		Side clearance-Top	.0016-.0028
Ring gap-2nd	.0079-.0138		Side clearance-2nd	.0016-.0028
Ring gap-Oil	.0118-.0354		Side clearance-Oil	.0016-.0032
CRANKSHAFT				
Main journal dia.	1.9666-1.9675		Rod journal dia.	1.7701-1.7706
Main run clearance	.0008-.0024		Rod run clearance	.0008-.0020
End play	.0020-.0059			
CAMSHAFT				
No.1 journal dia.	1.723-1.724		No.4 journal dia.	1.664-1.665
No.2 journal dia.	1.664-1.704		No.5 journal dia.	1.6224-1.6629
No.3 journal dia.	1.684-1.6849		End play	.0004-.0020
VALVES				
Intake length	4.03-4.04		Exhaust length	4.0748-4.0945
Intake stem dia.	.3138-.3144		Exhaust stem dia.	.3128-.3134
Intake head dia.	1.457-1.465		Exhaust head dia.	1.181-1.189
Intake face angle	45 deg. 30 sec.		Exhaust face angle	45 deg. 30 sec.
Intake clearance	.014 hot		Exhaust clearance	.014 hot