



Engine Make:	Engine Model:	Part Number:
<b>TOYOTA</b>	<b>4A-GE, 20 VALVE</b>	<b>194-D</b>
Valve Clearance:	Intake: <b>0.25mm</b> Set <b>COLD</b> at the <b>CAM</b>	Exhaust: <b>0.30mm</b> Set <b>COLD</b> at the <b>CAM</b>
Cam Lift:	Intake: <b>10.25mm</b>	Exhaust: <b>10.25mm</b>
Rocker Ratio:	Intake: <b>1</b>	Exhaust: <b>1</b>
Nett Valve Lift:	Intake: <b>10.00mm</b>	Exhaust: <b>9.95mm</b>
Advertised Duration @ <b>0.10mm</b>	Intake: <b>290</b>	Exhaust: <b>284</b>
Duration @ <b>1.00mm VALVE LIFT</b>	Intake: <b>250</b>	Exhaust: <b>248</b>
Timing @ <b>1.00mm VALVE LIFT</b>	IVO: <b>23 BTDC</b>	EVO <b>49 BBDC</b>
	IVC: <b>47 ABDC</b>	EVC <b>19 ATDC</b>
	Intake: <b>102 ATDC</b>	Exhaust: <b>105 BTDC</b>
	Intake: <b>3.16mm</b>	Exhaust: <b>2.74</b>

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