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Engine Make:	Engine Model:	Part Number:
<b>TOYOTA</b>	<b>4A-GE 16v (shim under bucket)</b>	<b>193HV-B</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>10.75mm</b>	Exhaust: <b>10.55mm</b>
Rocker Ratio:	Intake: <b>1</b>	Exhaust: <b>1</b>
Nett Valve Lift:	Intake: <b>10.50mm</b>	Exhaust: <b>10.25mm</b>
Advertised Duration @ <b>0.30mm</b>	Intake: <b>300</b>	Exhaust: <b>294</b>
Duration @ <b>1.00mm VALVE LIFT</b>	Intake: <b>258</b>	Exhaust: <b>248</b>
Timing @ <b>1.00mm VALVE LIFT</b>	IVO: <b>30 BTDC</b>	EVO <b>47 BBDC</b>
	IVC: <b>48 ABDC</b>	EVC <b>21 ATDC</b>
	Intake: <b>99 ATDC</b>	Exhaust: <b>103 BTDC</b>
	Intake: <b>4.22mm</b>	Exhaust: <b>3.32</b>

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