



Engine Make:	Engine Model:	Part Number:
TOYOTA	4A-GE, 20 VALVE	194-TA
Valve Clearance:	Intake: 0.25mm Set COLD at the CAM	Exhaust: 0.30mm Set COLD at the CAM
Cam Lift:	Intake: 8.45mm	Exhaust: 8.50mm
Rocker Ratio:	Intake: 1	Exhaust: 1
Nett Valve Lift:	Intake: 8.20mm	Exhaust: 8.20mm
Advertised Duration @ 0.10mm	Intake: 264	Exhaust: 264
Duration @ 1.00mm VALVE LIFT	Intake: 228	Exhaust: 228
Timing @ 1.00mm VALVE LIFT	IVO: 3 BTDC	EVO 47 BBDC
	IVC: 45 ABDC	EVC 1 ATDC
	Intake: 111 ATDC	Exhaust: 113 BTDC
	Intake: 1.30mm	Exhaust: 1.10

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