

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **CA18DE(T)**

PART NUMBER SET - IN 1441270088 EX 1442270088

GRIND	IN	270° / 8.80mm	LASH	BACE	IN	Φ 32.0	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	-
	EX	270° / 8.80mm	LASH	CIRCLE(Φ)	EX	Φ 32.0	-	WHEN COLD	EX	-

LIFT	IN	@CAM 8.80mm	@VALVE 8.80mm	LOBE	IN	110.0
	EX	@CAM 8.80mm	@VALVE 8.80mm	CENTER(°)	EX	115.0

* ALL LIFTS ARE BASED ON ZERO LASH AND THORETICAL ROCKER ARM RATIOS

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 24.0	ABDC 66.0	270.0
Valve Lift	EX	BBDC 71.0	ATDC 19.0	270.0

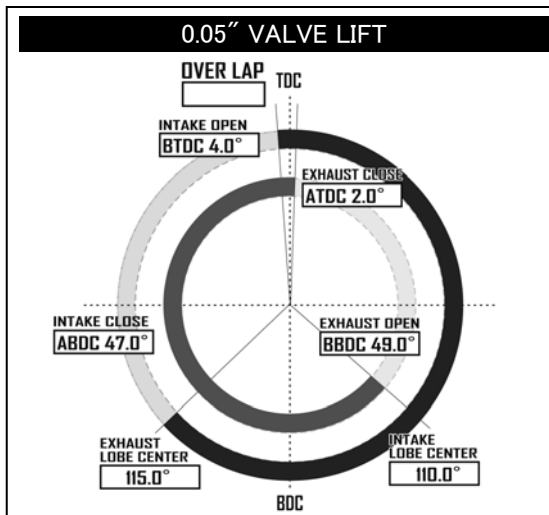
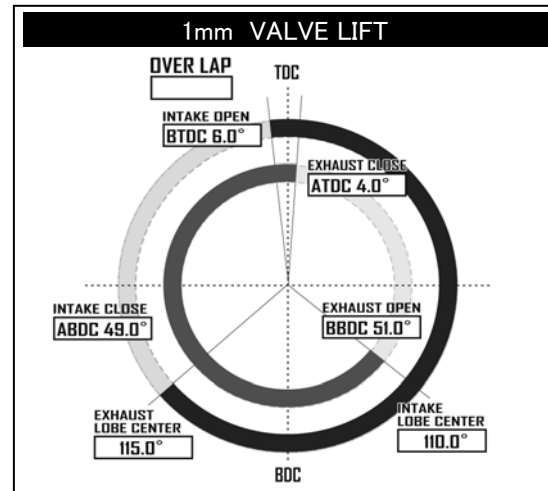
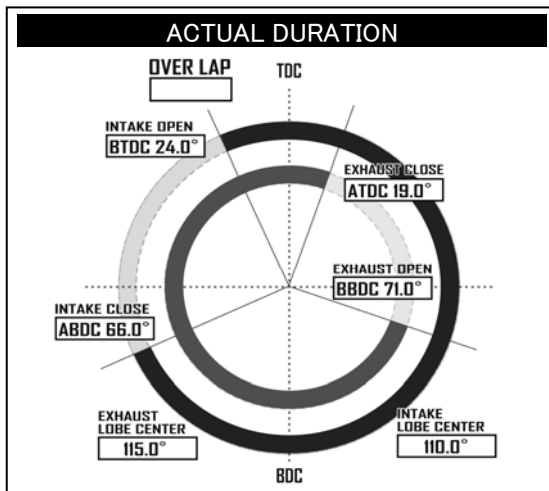
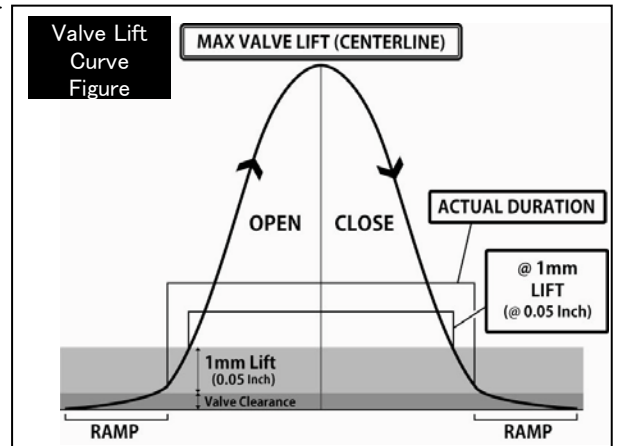
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 6.0	ABDC 49.0	235.0
Valve Lift	EX	BBDC 51.0	ATDC 4.0	235.0

Values are of actual duration from start to end of 1mm value points. (Excluding ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 0.05"	IN	BTDC 4.0	ABDC 47.0	231.0
Valve Lift	EX	BBDC 49.0	ATDC 2.0	231.0

Values are of actual duration from start to end of 0.05" value points. (Excluding ramp values)



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT (mm)	41.0
SET LENGTH (mm)	35.0
LIFT LENGTH (mm)	25.0
COMPRESSED HEIGHT (mm)	24.0
SET LOAD (kgf)	24.2 ± 7%
LIFT LOAD (kgf)	80.6 ± 7%
TOMEI PART NUMBER	13203R301

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER
ADJUSTABLE CAM PULLEYS IN	152008
ADJUSTABLE CAM PULLEYS EX	152008