

# TOMEI Camshaft Spec Card

PART NAME PROCAM ENGINE CA18DE(T)

PART NUMBER SET - IN 1443260092 EX 1444260092

GRIND	IN	260° / 9.25mm	SOLID	BACE	IN	Φ 29.0	ROCKER ARM RATIO*	VALVE CLEARANCE IN	0.45
	EX	260° / 9.25mm	SOLID		CIRCLE(Φ)	EX			Φ 29.0

LIFT	IN	@CAM 9.25mm	@VALVE 8.80mm	LOBE	IN	110.0
	EX	@CAM 9.25mm	@VALVE 8.87mm		CENTER(°)	EX

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 20.0	ABDC 60.0	260.0
Valve Lift	EX	BBDC 65.0	ATDC 15.0	260.0

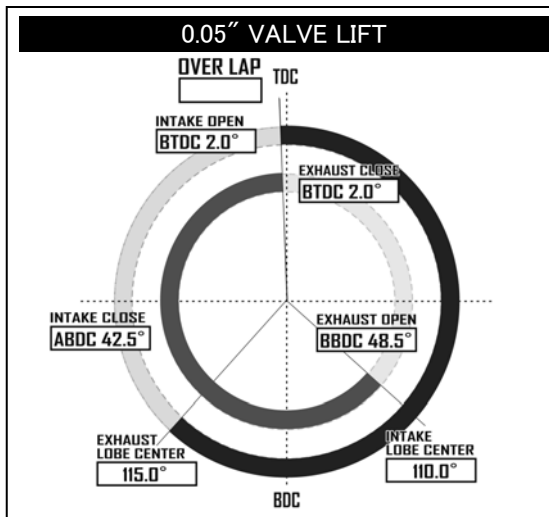
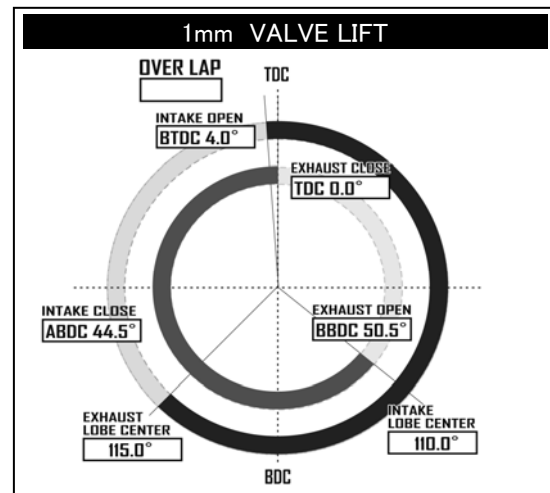
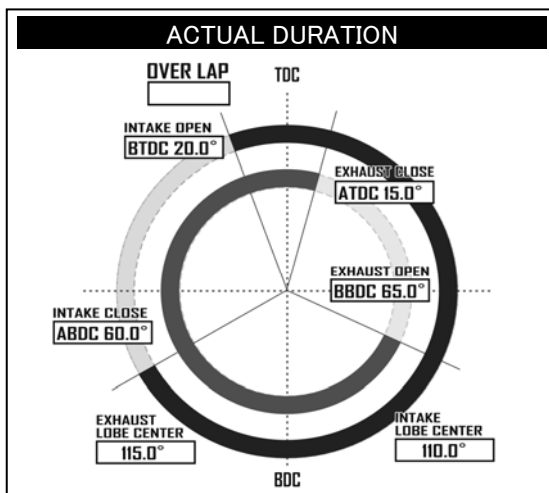
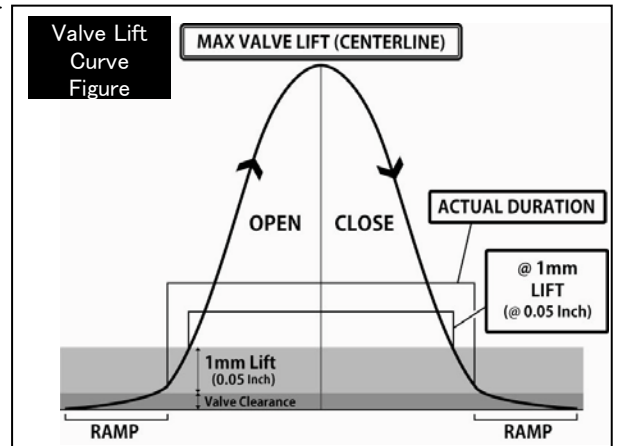
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 4.0	ABDC 44.5	228.5
Valve Lift	EX	BBDC 50.5	TDC	230.5

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 2.0	ABDC 42.5	224.5
Valve Lift	EX	BTDC 48.5	BTDC 2.0	226.5

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
SOLID VALVE LIFTERS	163007
SHIMS	
ADJUSTABLE CAM PULLEYS IN	152008
ADJUSTABLE CAM PULLEYS EX	152008