

# TOMEI Camshaft Spec Card

PART NAME	PROCAM			ENGINE	CA18DE(T)		
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PART NUMBER	SET	-	IN	1443260102	EX	1444260102
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GRIND	IN	260° / 10.25mm	SOLID	BACE	IN	Φ 29.0	ROCKER ARM RATIO*	VALVE CLEARANCE IN	0.45
	EX	260° / 10.25mm	SOLID		CIRCLE(Φ)	EX			Φ 29.0

LIFT	IN	@CAM 10.25mm	@VALVE 9.80mm	LOBE	IN	110.0
	EX	@CAM 10.25mm	@VALVE 9.87mm		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	18.0	ABDC	62.0	260.0
Valve Lift	EX	BBDC	63.0	ATDC	17.0	260.0

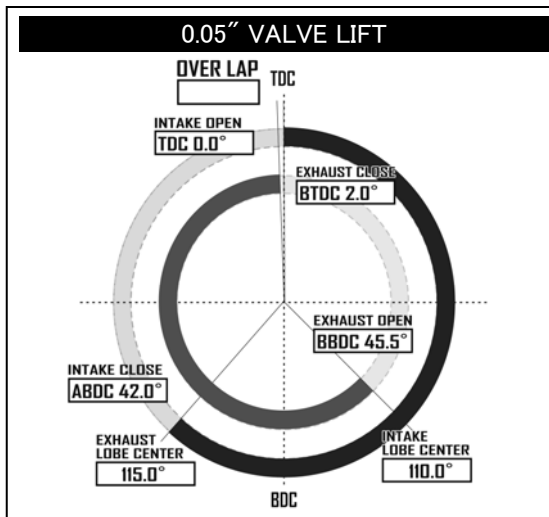
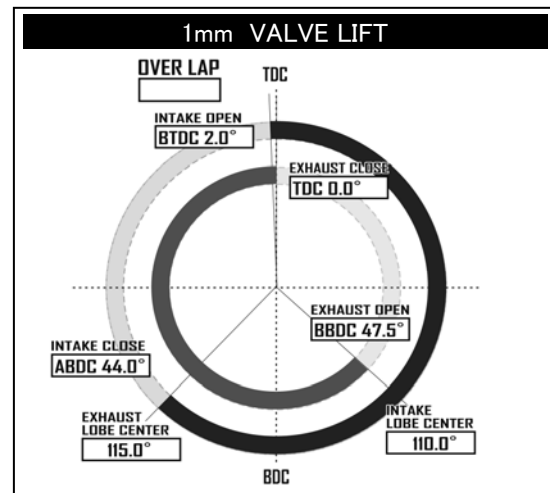
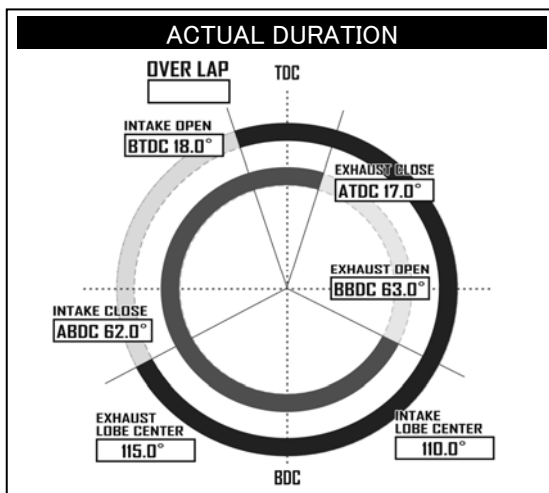
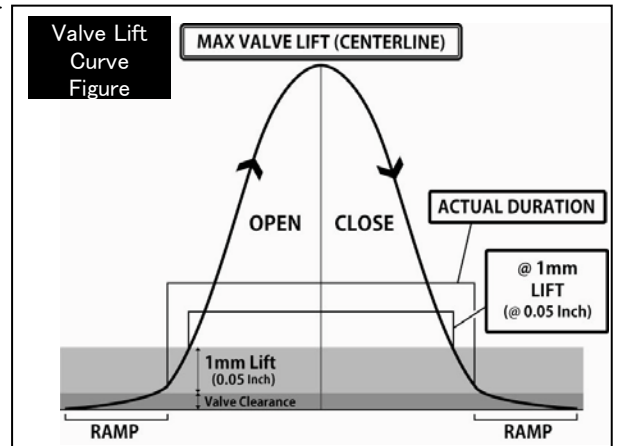
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	2.0	ABDC	44.0	226.0
Valve Lift	EX	BBDC	47.5	TDC		227.5

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	TDC		ABDC	42.0	222.0
Valve Lift	EX	BBDC	45.5	BTDC	2.0	223.5

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