

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **RB20DE(T)**

PART NUMBER SET - IN 1417260102 EX 1418260102

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	-	WHEN COLD EX	0.38

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

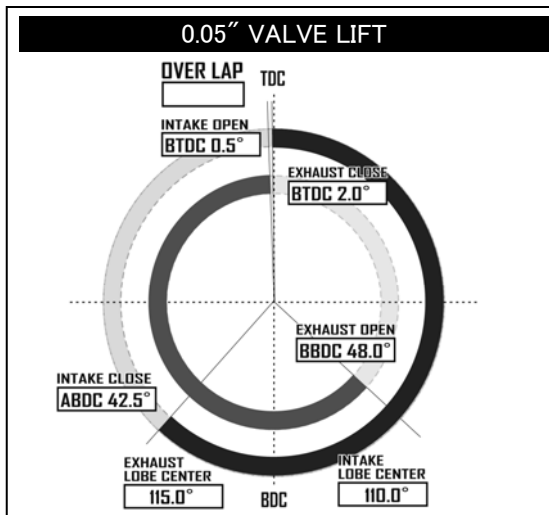
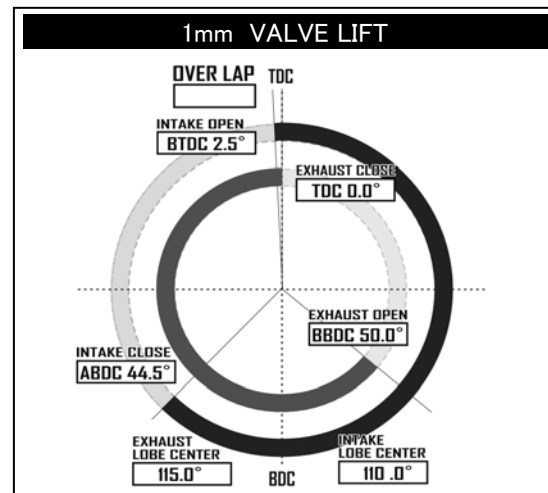
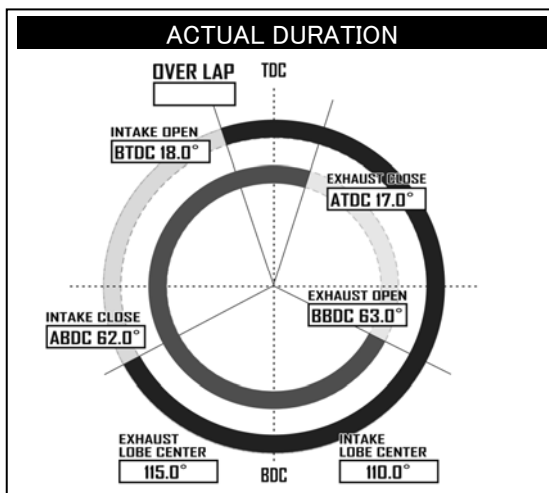
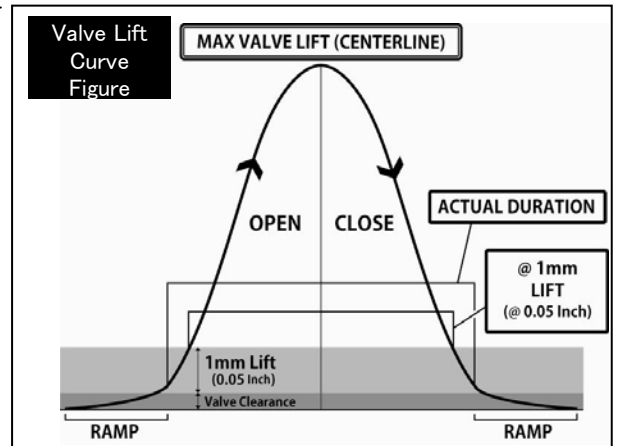
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	2.5	ABDC	44.5	227.0
Valve Lift	EX	BBDC	50.0	TDC		230.0

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	0.5	ABDC	42.5	223.0
Valve Lift	EX	BBDC	48.0	BTDC	2.0	226.0

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	13203R800

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER
SOLID VALVE LIFTERS	163006
SHIMS	
ADJUSTABLE CAM PULLEYS IN	152009
ADJUSTABLE CAM PULLEYS EX	152010