

TOMEI Camshaft Spec Card

PART NAME		PROCAM		ENGINE		EJ255 JDM / EJ257 WRX STI04-07 USDM	
PART NUMBER		SET	143062	IN	142205	EX	142206
GRIND	IN	252° / 10.30mm	SOLID	BASE CIRCLE(Φ)	IN	Φ37.0	ROCKER ARM RATIO *
	EX	252° / 10.30mm	SOLID		EX	Φ37.0	
LIFT	IN	@CAM 10.30mm	@VALVE 10.10mm	LOBE CENTER(°)	IN	125.0	
	EX	@CAM 10.30mm	@VALVE 9.95mm		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	ATDC	1.0	ABDC	73.0	252.0
Valve Lift	EX	BBDC	61.0	ATDC	11.0	252.0

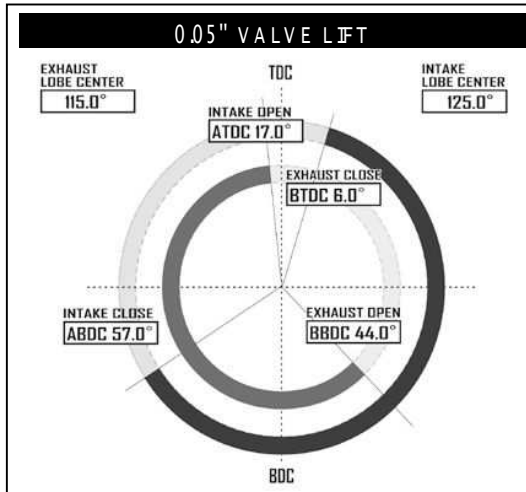
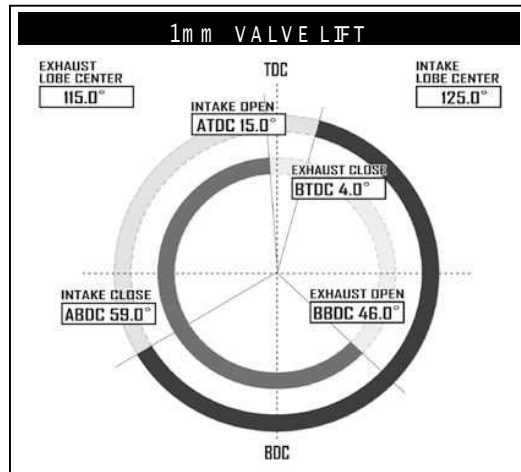
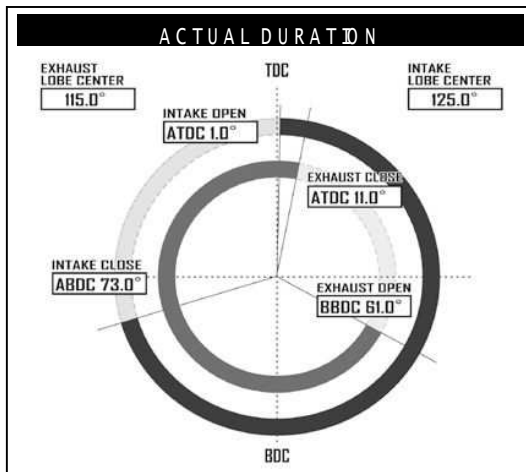
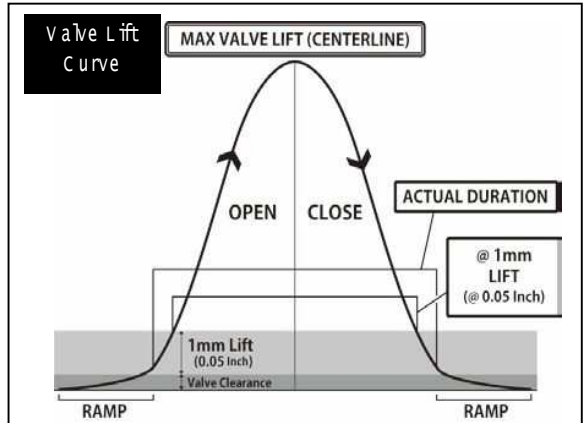
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	15.0	ABDC	59.0	224.0
Valve Lift	EX	BBDC	46.0	BTDC	4.0	220.0

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	ATDC	17.0	ABDC	57.0	220.0
Valve Lift	EX	BBDC	44.0	BTDC	6.0	218.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	45.1mm
SET LENGTH	36.2mm
LIFT LENGTH	25.5mm
COMPRESSED HEIGHT	23.9mm
SET LOAD	32.0kg± 6%
LIFT LOAD	85.0kg± 6%
TOMEI PART NUMBER	163057

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER