

# TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **4AG 16VALVE**

PART NUMBER SET **-** IN **1491304110** EX **1492304110**

GRIND	IN	304° /11.00mm	SOLID	BASE CIRCLE	IN	φ 27.5	ROCKER ARM RATIO※	-	VALEVE CLEARANCE WHEN COLD	IN	0.23
	EX	304° /11.00mm	SOLID		EX	φ 27.5				EX	0.25

LIFT	IN	@CAM 11.00mm	@VALVE 10.77mm	LOBE CENTER(°)	IN	109.0	RECOMMENDED VALVE TIMING	IN	100.0
	EX	@CAM 11.00mm	@VALVE 10.75mm		EX	110.0		EX	100.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		A CTUAL DURATION @OPENING(°)
A CTUAL DURATION	IN	BTDC	43.0	ABDC	81.0	
VALVE LIFT	EX	BBDC	82.0	ATDC	42.0	304.0

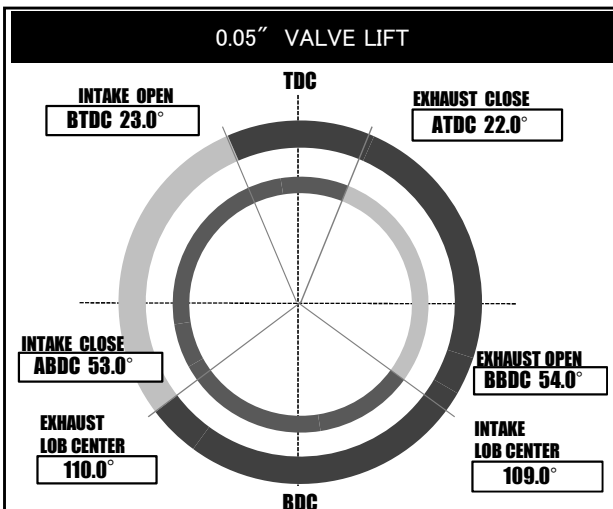
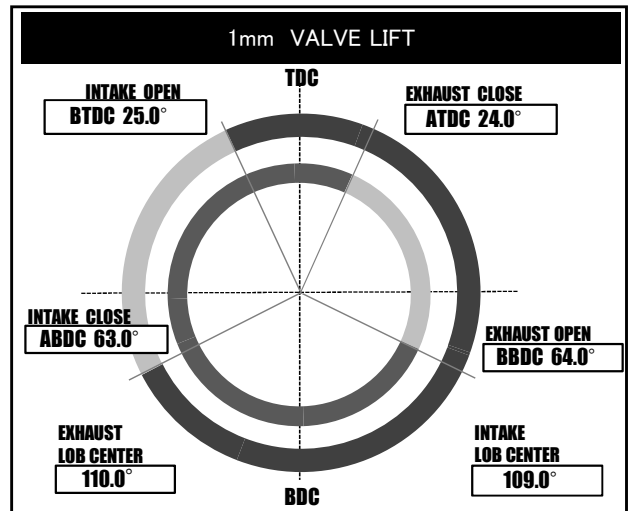
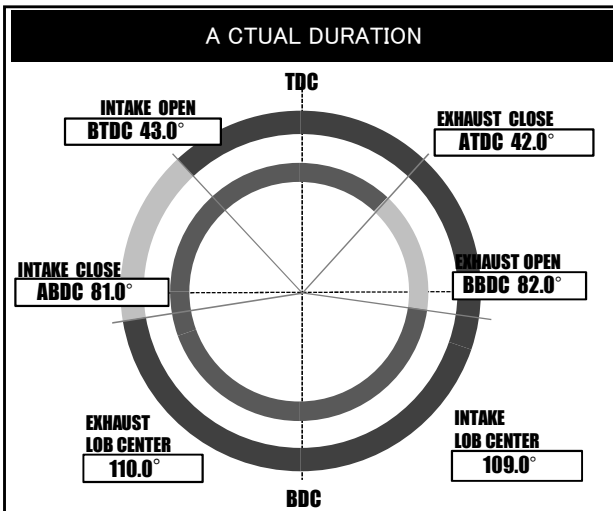
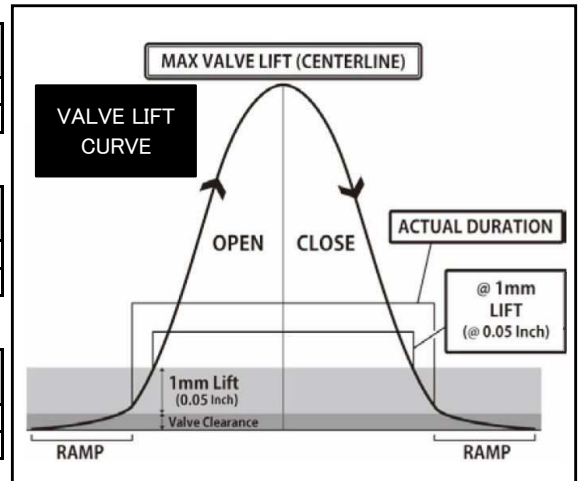
\*Values shown are,from start to the end of actual duration.(Excluding rht ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	25.0	ABDC	63.0	
VALVE LIFT	EX	BBDC	64.0	ATDC	24.0	268.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 0.05"	IN	BTDC	23.0	ABDC	53.0	
VALVE LIFT	EX	BBDC	54.0	ATDC	22.0	256.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HIGHT	
SET LENGTH	
LIFT LENGTH	
COMPRESSED HEIGHT	
SET LAOD	
LIFT LOAD	
TOMEI PART NUMBER	

REQUIRED PARTS	
PRODUCT NAME	TOMEI P/N