

# 7101706

full race

Toyota 2ZZ-GE VVTL-i

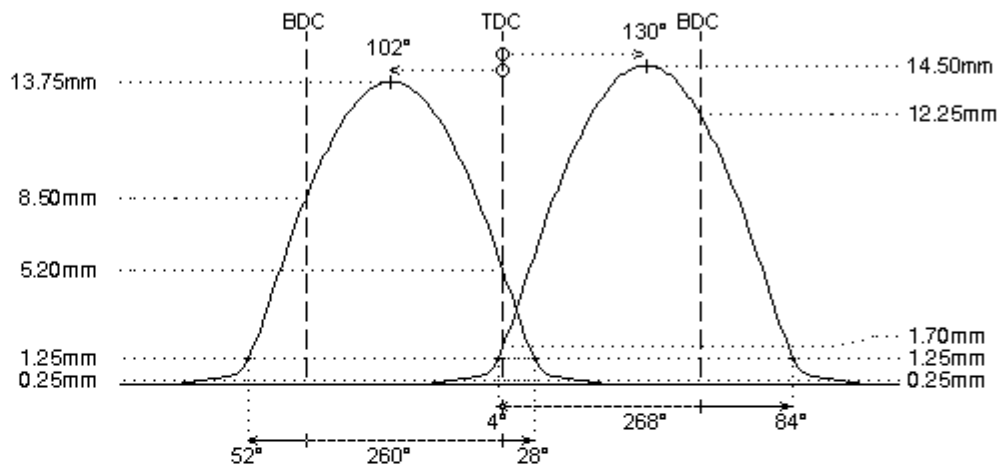
I-4cyl 1.8L 16v DOHC (RP/RP)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.23mm	0.23mm
duration @ 0.1mm	: 318°	310°
duration @ 1.0mm	: 268°	260°
valve lift	: 14.50mm	13.75mm
cam lift	: 8.20mm	7.80mm
lobe angle	: 130°	102°
timing @ 1.0mm	: 4° / 84°	52° / 28°
valve lift @ TDC	: 1.70mm	5.20mm
<b>parts setup:</b>		
cam wheels :	:	:
follower	:  CAT008	:  CAT008
valve lash	:  TS100	:  TS100
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	:  99527/s	:  99527/s
lower retainer	:  99528/O	:  99528/O
exterior spring	:  PAC-E19864	:  PAC-E19864
interior spring	:  PAC-I19864	:  PAC-I19864
fitted load / length	: 28kg @ 34.0mm	: 28kg @ 34.0mm
max. load / lift	: 89kg @ 14.5mm	: 89kg @ 14.5mm

#### REMARKS :

# Use valve locks of Renault Clio RS



#### REMARKS :

- # - Cat Cams VTEC Eliminator system
- extra long contact area for higher lift / duration ratio
- coated billet cams & rocker arms
- mass of 46gr only - 16gr at valve tip !!!
  
- # valve seals must be lowered. Distance between valve seal and retainer must be at least 0.6mm at full lift.
  
- # Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
  
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors