7100125

tarmac rally - race

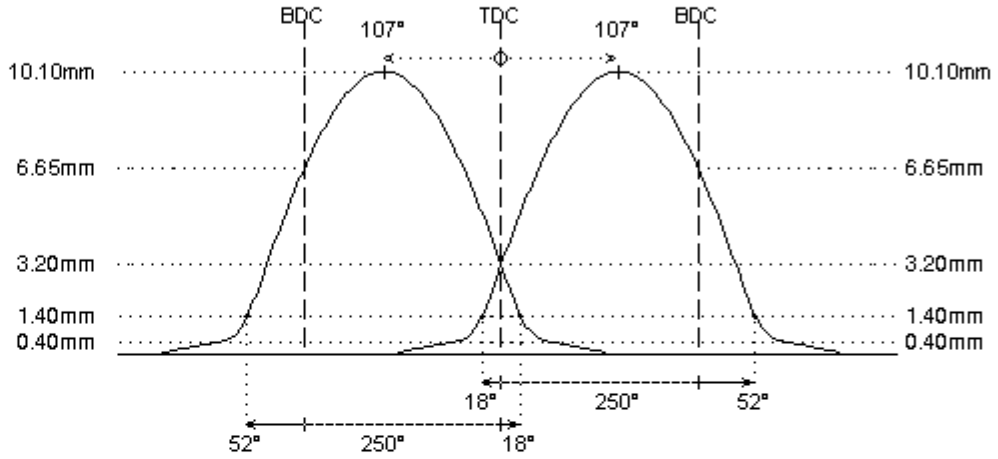
Toyota 4K 4K,5K OHV 8v

I-4cyl 1.3L 8v OHV (FT/FT)

	intake	exhaust
camshaft data:		
lash ramp	: 0.38mm	0.38mm
duration @ 0.1mm	: 291°	291°
duration @ 1.0mm	: 250°	250°
valve lift	: 10.10mm	10.10mm
cam lift	: 6.75mm	6.75mm
lobe angle	: 107°	107°
timing @ 1.0mm	: 18° / 52°	52° / 18°
valve lift @ TDC	: 3.20mm	3.20mm
parts setup:		
cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: O.E.M.	: O.E.M.
interior spring		
fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

original valve spring info is not available
valve spring kit can be developed on request



REMARKS :

FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
- the camshafs must turn smooth in the cylinderhead, provide free travel by machining where needed
- distance between valve seal and retainer at full lift must be 0.6mm at least
- minimum valve spring travel of 1.0mm at full lift must be provided
- distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake

ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors