

2280378

tarmac rally - race

Ford TL20H Pinto

I-4cyl 2.0L 8v SOHC (RP/RP)



intake

exhaust

camshaft data:

lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 308°	308°
duration @ 1.0mm	: 268°	268°
valve lift	: 12.70mm	12.70mm
cam lift	: 7.85mm	7.85mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 28° / 60°	60° / 28°
valve lift @ TDC	: 4.75mm	4.75mm

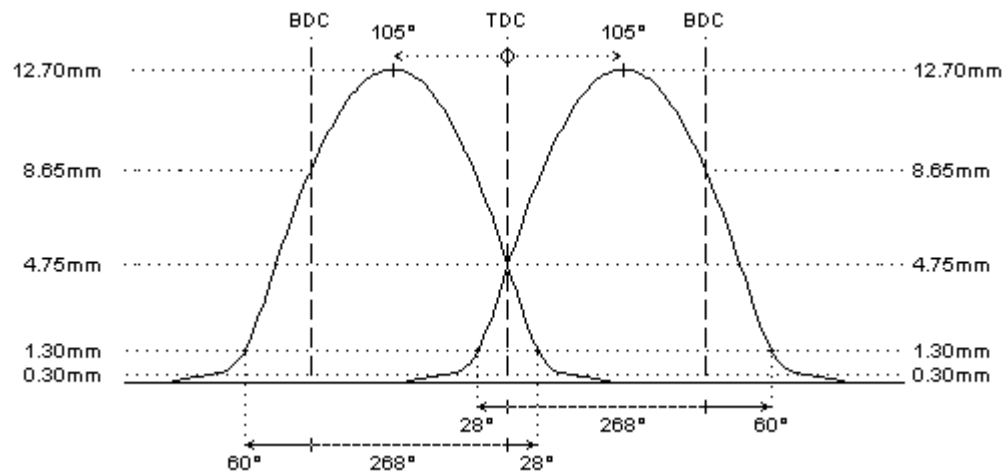
parts setup:

cam wheels :	: CSK5282	: CSK5282
follower	: CAT004/C	: CAT004/C
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	: PAC-S99843	: PAC-S99843
interior spring		

fitted load / length	: 41kg @ 36.0mm	: 41kg @ 36.0mm
max. load / lift	: 95kg @ 12.5mm	: 95kg @ 12.5mm

REMARKS :

springs can be fitted directly on cylinderhead, use solid shims to adjust spring load if required #
ALWAYS use CAT004/C race cam followers (low friction coating)



REMARKS :

- # steel billet camshafts
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts 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