

6300414

tarmac rally - race

Simca / Talbot 1100Ti / Bagheera

I-4cyl 1.3L 8v OHV

**intake****exhaust****camshaft data:**

lash ramp	: 0.38mm	0.38mm
duration @ 0.1mm	: 308°	308°
duration @ 1.0mm	: 265°	265°
valve lift	: 10.85mm	10.85mm
cam lift	: 7.25mm	7.25mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 27° / 58°	57° / 28°
valve lift @ TDC	: 4.25mm	4.25mm

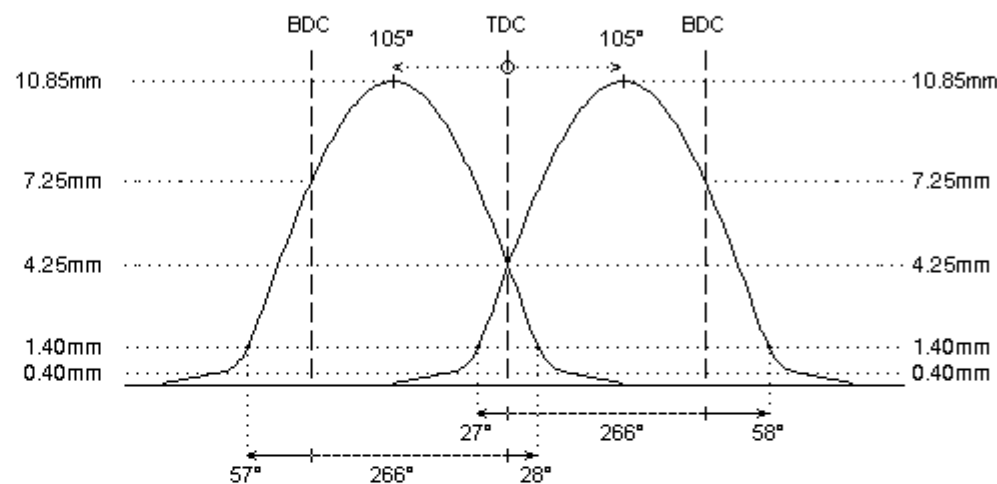
parts setup:

cam wheels :	:	:
follower	: CAT063	: CAT063
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-S10011	: PAC-S10011
interior spring	:	:

fitted load / length	: 42kg @ 36.6mm	: 42kg @ 36.6mm
max. load / lift	: 99kg @ 11.5mm	: 99kg @ 11.5mm

REMARKS :

check distance between valve seal and retainer to be at least 0.6mm at full lift

**REMARKS :**

- # Camshaft with 1 helix gear and clockwise rotation (used in 1100Ti/Bagheera)
- # 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 carburetors