

# 7640244

tarmac rally - race

Volkswagen 827 (mechanic tappets, 8mm valves, MK-8H)

(DTs/DTs)



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 308°	308°
duration @ 1.0mm	: 268°	268°
valve lift	: 13.00mm	13.00mm
cam lift	:	
lobe angle	: 104°	104°
timing @ 1.0mm	: 30° / 58°	58° / 30°
valve lift @ TDC	: 5.10mm	5.05mm

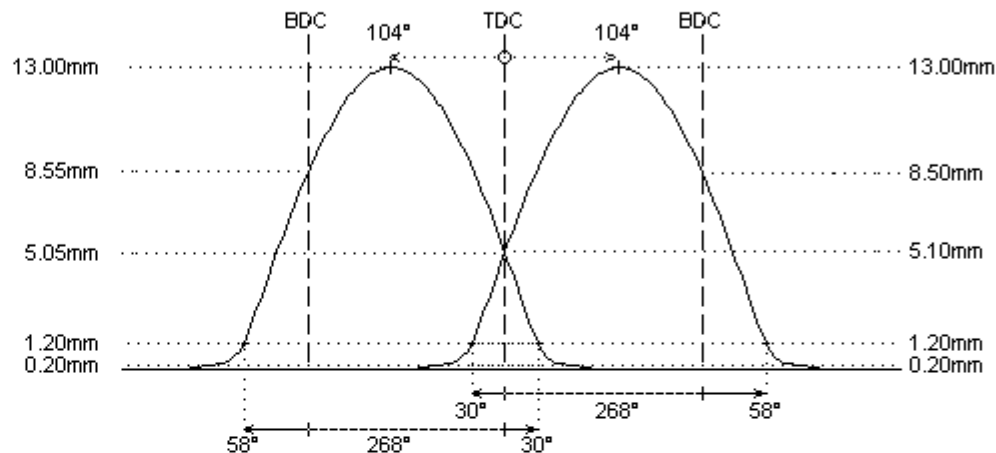
**parts setup:**

cam wheels :	:  CCR3232	:  CCR3232
follower	:  CC005	:  CC005
valve lash	:  TS103	:  TS103
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	:  99314	:  99314
lower retainer	:  not available	:  not available
exterior spring	:  PAC-E99859	:  PAC-E99859
interior spring	:  PAC-I19859	:  PAC-I19859

fitted load / length	: 40kg @ 33.5mm	: 40kg @ 33.5mm
max. load / lift	: 120kg @ 14.5mm	: 120kg @ 14.5mm

**REMARKS :**

# replace OEM lower retainer to obtain a correct installation / fitted length (currently not available)



**REMARKS :**

- # camshafts for use with race cam followers CC005 (full contact surface of 35mm) and lashcap on valve tip
- # 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