

# 5221211

tarmac rally - race

Porsche 944 S2

I-4cyl 3.0L 16v DOHC (DTH/DTH)



### intake

### exhaust

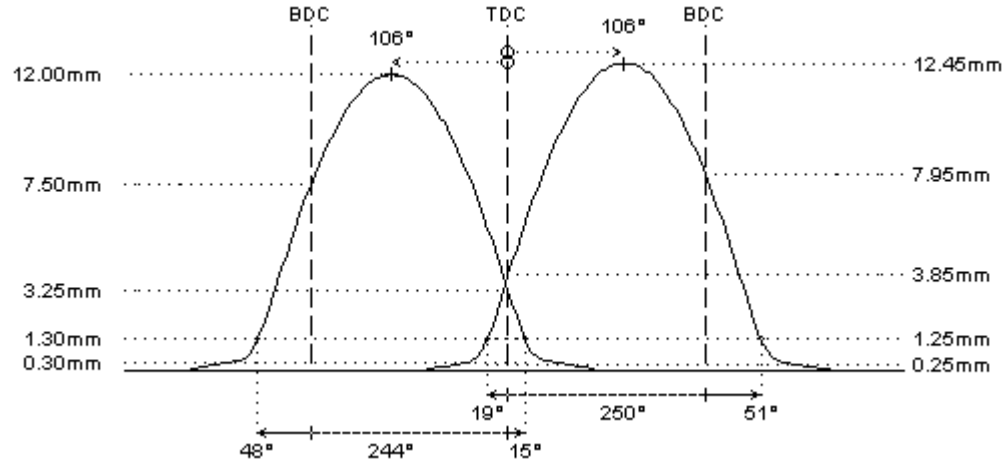
#### camshaft data:

lash ramp	: 0.25mm	0.30mm
duration @ 0.1mm	: 285°	279°
duration @ 1.0mm	: 250°	243°
valve lift	: 12.45mm	12.00mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 19° / 51°	48° / 15°
valve lift @ TDC	: 3.85mm	3.30mm

#### parts setup:

cam wheels :	:	:
follower	: <b>CC005</b>	: <b>CC005</b>
valve lash	: <b>TS102</b>	: <b>TS102</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>99322/s</b>	: <b>99322/s</b>
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: <b>PAC-E95009</b>	: <b>PAC-E95009</b>
interior spring	: <b>PAC-I95009</b>	: <b>PAC-I95009</b>
fitted load / length	: 34kg @ 36.0mm	: 39kg @ 35.0mm
max. load / lift	: 109kg @ 14.0mm	: 109kg @ 13.0mm

#### REMARKS :



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- # 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 carburetors