1301109

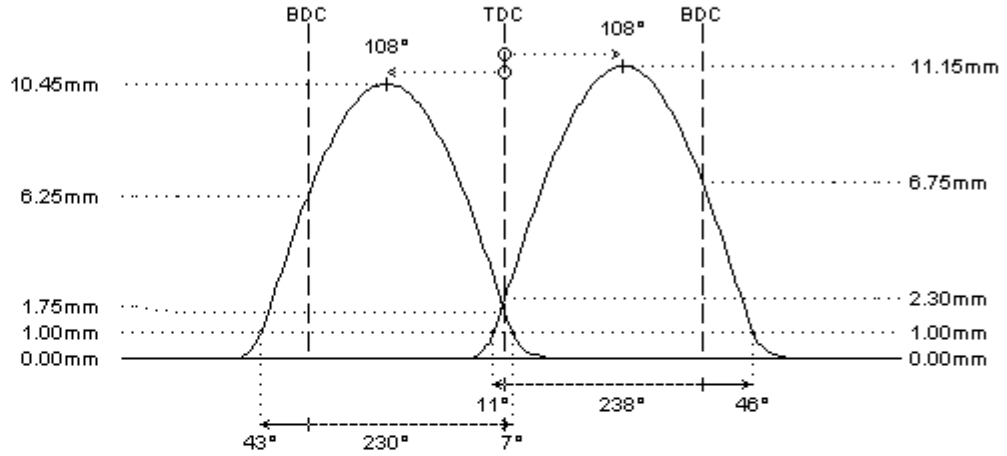
hot street - dirt track

Bmw M50 (25 6 S1) 192hp, non vanos

I-6cyl 2.5L 24v DOHC (DTH/DTH)

	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 275°	268°
duration @ 1.0mm	: 237°	230°
valve lift	: 11.15mm	10.45mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 11° / 46°	43° / 7°
valve lift @ TDC	: 2.30mm	1.75mm
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	: O.E.M.	: O.E.M.
fitted load / length	: 37kg @ 37.5mm	: 37kg @ 37.5mm
max. load / lift	: 103kg @ 11.0mm	: 103kg @ 11.0mm

REMARKS :



REMARKS :

\# - steel billet camshafts

\# 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

\# ECU reprogramming required

\# Before camshaft installation: please remove the cam carriers and fit the new camshafts in the empty cam carriers to check interference with the cam lobes. Modify the cam carriers if required.