1303912

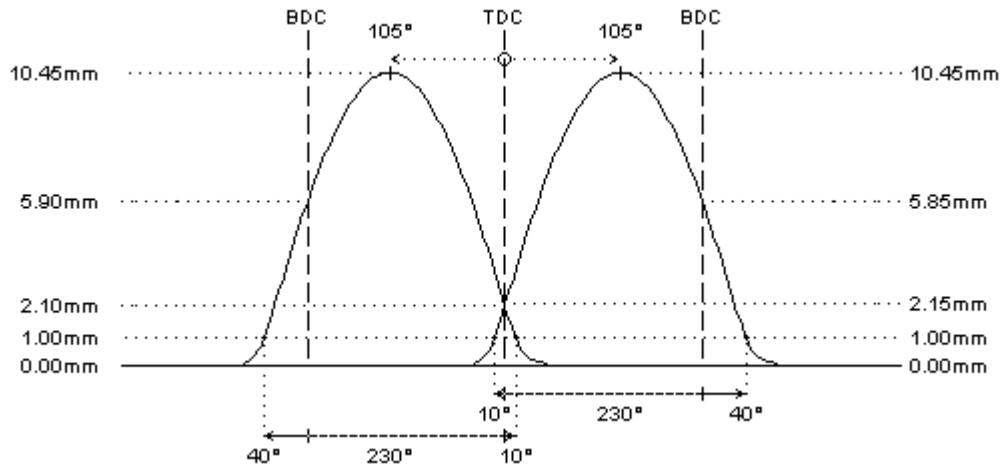
hot street - dirt track

Bmw M50 (20 6 S2) 150hp, vanos in
l-6cyl 2.0L 24v DOHC (DTH/DTH)

	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 269°	269°
duration @ 1.0mm	: 230°	230°
valve lift	: 10.45mm	10.45mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 10° / 40°	40° / 10°
valve lift @ TDC	: 2.15mm	2.15mm
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	: ✕ **not available**	: ✕ **not available**
lower retainer	: ✕ **not available**	: ✕ **not available**
exterior spring	: ✕ **not available**	: ✕ **not available**
interior spring		
fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

valve spring kit can be developed on request



REMARKS :

- cast iron camshafts
- available in steel billet (on request)

The VANOS (VVT) system on the intake camshaft changes the valve timing:
- M52 /B20: from 110° to 85° (exhaust: 105° fix)
- M52 /B25: from 110° to 85° (exhaust: 105° fix)
- M52 /B28: from 115° to 90° (exhaust: 105° fix)

The data are shown for full intake retard (disengaged VVT). Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!

lock or limit range of VANOS system

ONLY for dirt track applications and pro street use with adjustable engine management or carburettors