

1303913

hot street - dirt track

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



intake **exhaust**

camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 275°	275°
duration @ 1.0mm	: 237°	237°
valve lift	: 11.15mm	11.15mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 14° / 43°	44° / 13°
valve lift @ TDC	: 2.70mm	2.65mm

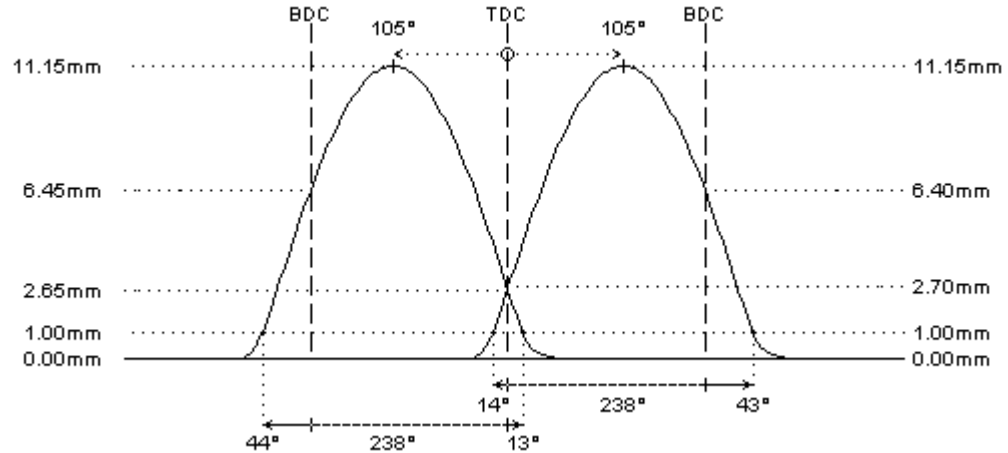
parts setup:

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:
 - M50TU /B20: from 105° to 80° (exhaust: 105° fix)
 - M50TU /B25: from 110° to 85° (exhaust: 101° 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 carburetors