

1301521

full race

Bmw M42 7mm valves

I-4cyl 1.8L 16v DOHC (DTH/DTH)



intake **exhaust**

camshaft data:

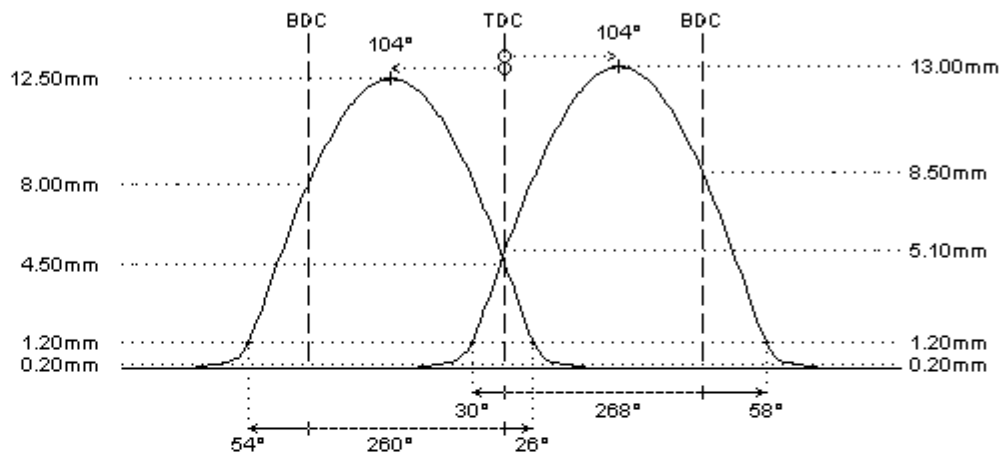
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 307°	298°
duration @ 1.0mm	: 268°	260°
valve lift	: 13.00mm	12.50mm
cam lift	:	
lobe angle	: 104°	104°
timing @ 1.0mm	: 30° / 58°	54° / 26°
valve lift @ TDC	: 5.10mm	4.50mm

parts setup:

cam wheels :	:	:
follower	: CC005	: CC005
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99122/s	: 99122/s
lower retainer	: 99452/O	: 99452/O
exterior spring	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 41kg @ 34.5mm	: 41kg @ 34.5mm
max. load / lift	: 118kg @ 14.0mm	: 118kg @ 14.0mm

REMARKS :

please check your valve stem diameter before ordering valve spring kit!



REMARKS :

- # - steel billet camshafts
- gundrilled for weight reduction
- for engines with 7mm valve stems (up to 2000)

- # 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

- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !

- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors