

1301522

turbo conversion

Bmw M42 7mm valves

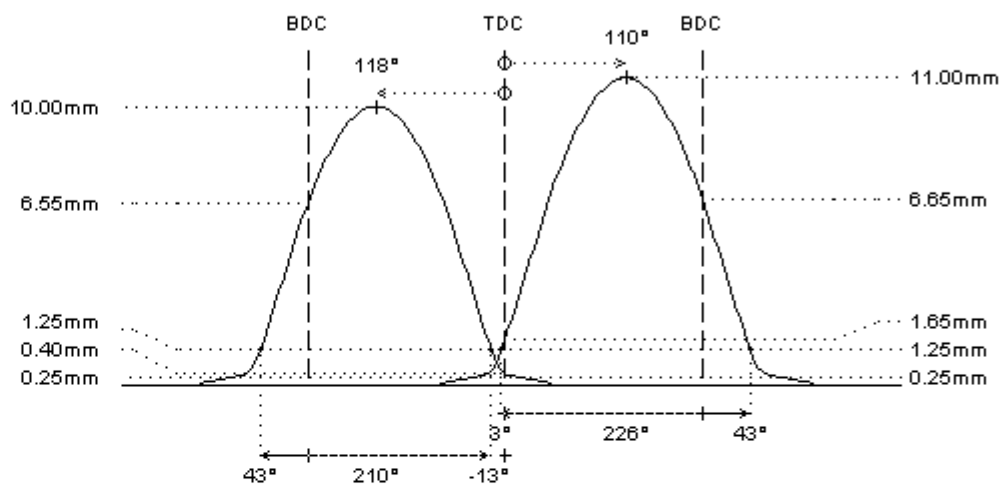
I-4cyl 1.8L 16v DOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 260°	242°
duration @ 1.0mm	: 226°	210°
valve lift	: 11.00mm	10.00mm
cam lift	:	
lobe angle	: 110°	118°
timing @ 1.0mm	: 3° / 43°	43° / -13°
valve lift @ TDC	: 1.65mm	0.40mm
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 dirt track applications and pro street use with adjustable engine management or carburetors

- # for TURBO conversion (atmospheric to turbo)