

# 1301520

tarmac rally - race

Bmw M42 7mm valves

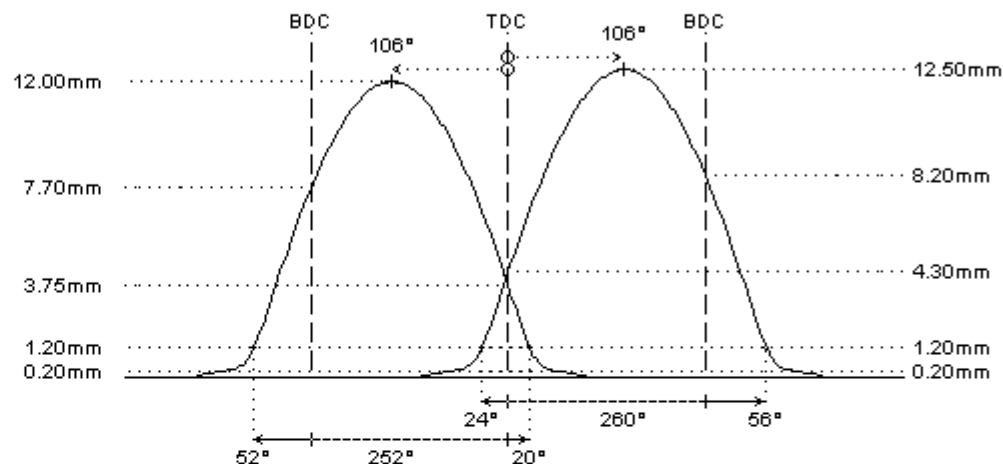
I-4cyl 1.8L 16v DOHC (DTH/DTH)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 298°	290°
duration @ 1.0mm	: 260°	252°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 24° / 56°	52° / 20°
valve lift @ TDC	: 4.30mm	3.75mm
<b>parts setup:</b>		
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