

# 1303557

tarmac rally - race

Bmw M60 B40 286hp

V-8cyl 4.0L 32v DOHC (DTH/DTH)



### intake

### exhaust

#### camshaft data:

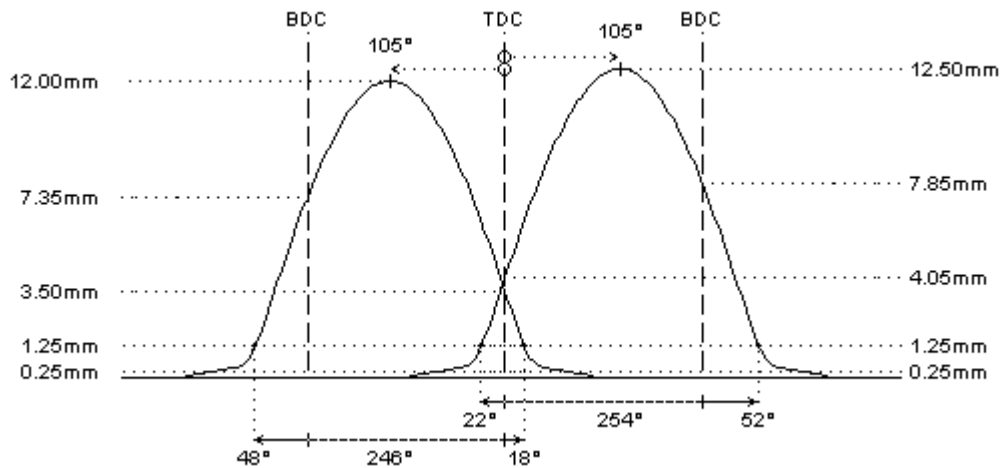
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 301°	293°
duration @ 1.0mm	: 254°	246°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 22° / 52°	48° / 18°
valve lift @ TDC	: 4.05mm	3.50mm

#### parts setup:

cam wheels :	:	:
follower	: <b>CC005</b>	: <b>CC005</b>
valve lash	: <b>TS101</b>	: <b>TS101</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: <b>not available</b>	: <b>not available</b>
exterior spring	: <b>PAC-E95009</b>	: <b>PAC-E95009</b>
interior spring	: <b>PAC-I95009</b>	: <b>PAC-I95009</b>

fitted load / length	: 37kg @ 34.5mm	: 37kg @ 34.5mm
max. load / lift	: 111kg @ 13.5mm	: 111kg @ 13.5mm

#### REMARKS :



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- # These camshafts can also be used in M60 B30 (V8 3.0L 32v) engine
- # 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. these can have different shapes according the application:
  - plates available in different diameters and thickness
  - cups for different valve stem diameters. these center on either tappet or valve stem
  - other specific shapes available on request
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors
- # machining of cylinder head required