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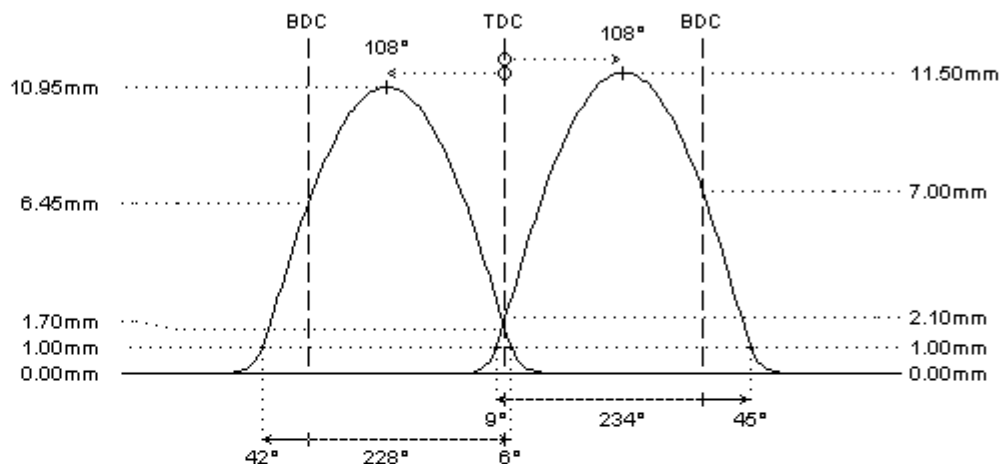
hot street - dirt track

Bmw M42

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



| | intake | exhaust |
|-----------------------|---------------------|---------------------|
| camshaft data: | | |
| lash ramp | : hydro | hydro |
| duration @ 0.1mm | : 268° | 267° |
| duration @ 1.0mm | : 234° | 228° |
| valve lift | : 11.50mm | 10.95mm |
| cam lift | : | |
| lobe angle | : 108° | 108° |
| timing @ 1.0mm | : 9° / 45° | 42° / 6° |
| valve lift @ TDC | : 2.10mm | 1.70mm |
| 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 | : INFO | : INFO |
| 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 :

- # - steel billet camshafts
- gundrilled for weight reduction
- # 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
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors

REMARKS :

- # for early engines with 7mm valves, please use upper retainer 99122/H
- # for late engines with 6mm valves, please use upper retainer 99491/S #
- please check your valve stem diameter before ordering valve spring kit!