# 1321868

**tarmac rally - race**

Citroën TU5J4 120hp

I-4cyl 1.6L 16v DOHC (DTH/DTH)

| | intake | exhaust |
|---|---|---|
| **camshaft data:** | | |
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 282° | 273° |
| duration @ 1.0mm | : 253° | 242° |
| valve lift | : 11.75mm | 11.05mm |
| cam lift | : | |
| lobe angle | : 105° | 105° |
| timing @ 1.0mm | : 22° / 51° | 46° / 16° |
| valve lift @ TDC | : 3.75mm | 3.05mm |
| **parts setup:** | | |
| cam wheels : | : | : |
| follower | : **CC018** | : **CC018** |
| valve lash | : **TS101** | : **TS101** |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : **99311/s** | : **99311/s** |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : **PAC-S90015** | : **PAC-S90015** |
| interior spring | | |
| fitted load / length | : 33kg @ 36.8mm | : 33kg @ 36.8mm |
| max. load / lift | : 82kg @ 12.5mm | : 82kg @ 12.5mm |

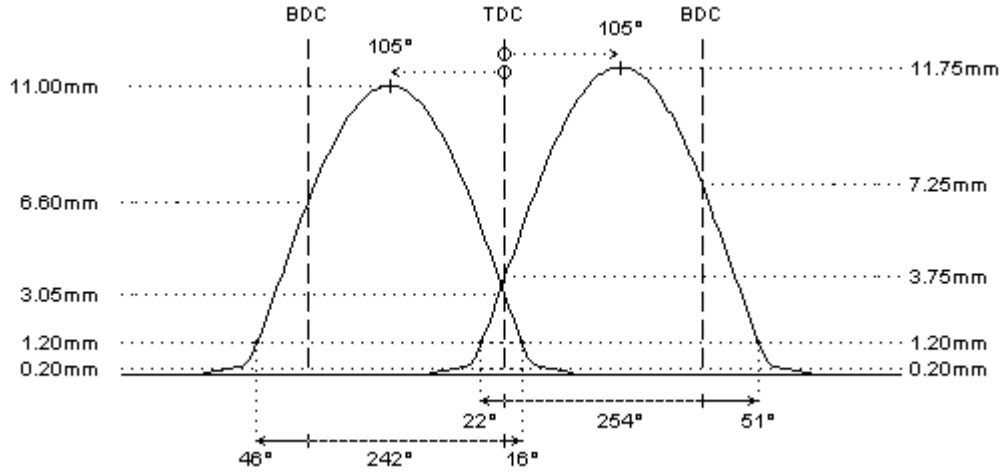
**REMARKS :**

# Double springs PAC-D99862 or PAC-D19862 (gold) can also be used with retainer 99311/S (machining around the valve guide is required). See valve setup section for fitting details. Recommended for applications above 8.500rpm #

Inlet Valves: #

9249007 d6.00 // D28.8 // L104.6 #

Exhaust Valves: #




**REMARKS :**

# FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
- the camshafs 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 carburettors

9249006 d6.00 // D26.0 // L104.2 Oversize

9249016 d6.00 // D24.5 // L104.2

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