

# 1322825

tarmac rally - race

Citroën TU5JP4 110hp

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



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 297°	286°
duration @ 1.0mm	: 266°	258°
valve lift	: 12.55mm	12.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 28° / 58°	54° / 24°
valve lift @ TDC	: 4.50mm	3.95mm

**parts setup:**

cam wheels :	: <b>CTPE001</b>	: <b>CTPE001</b>
follower	: <b>CC018</b>	: <b>CC018</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	: <b>99311/s</b>	: <b>99311/s</b>
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: <b>PAC-S90015</b>	: <b>PAC-S90015</b>
interior spring	:	:

fitted load / length	: 30kg @ 38.0mm	: 30kg @ 38.0mm
max. load / lift	: 79kg @ 13.0mm	: 79kg @ 13.0mm

**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

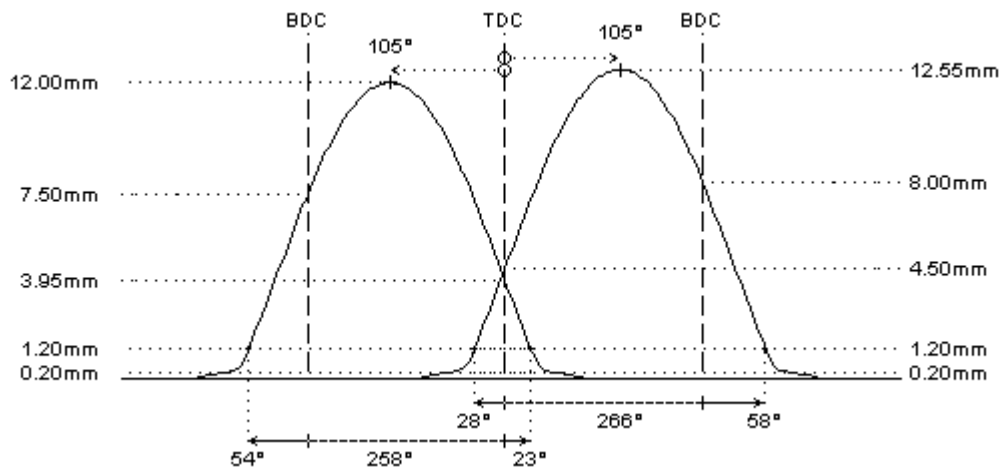
Inlet Valves:

9249005 d6.00 // D31.3 // L103.7

Exhaust Valves:

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

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**REMARKS :**

- # 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 carburettors

