

1900316

hot street - dirt track

Fiat 105TC (Twin Cam)

I-4cyl 1.6L 8v DOHC (DTs/DTs)



	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 291°	291°
duration @ 1.0mm	: 253°	253°
valve lift	: 10.75mm	10.75mm
cam lift	: 10.75mm	10.75mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 18° / 55°	54° / 19°
valve lift @ TDC	: 3.25mm	3.30mm

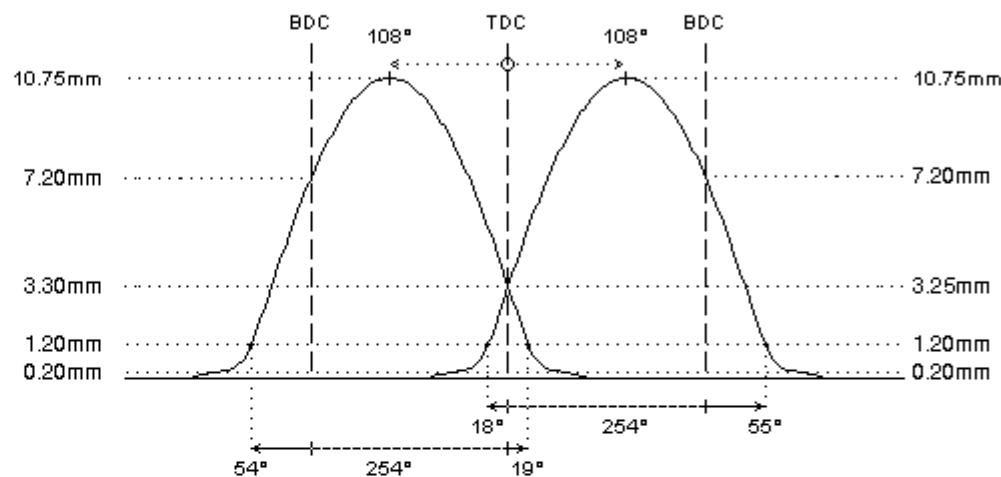
parts setup:

cam wheels :	: CTFI035	:
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	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: O.E.M.	: O.E.M.
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

original valve spring info is not available

**REMARKS :**

- # There are 5 different partnumber ranges: 1 for each type of distributor drive:
- PN19003xx: distributor fitted on the engine block (not driven by camshaft)
 - PN19113xx: distributor driven by a sleeve at the rear of the exhaust camshaft
 - PN19133xx: distributor driven by a sleeve with 90° offset at the rear of the exhaust camshaft
 - PN19123xx: distributor drive gear between the camlobes of the exhaust camshaft, right geared
 - PN19143xx: distributor drive gear between the camlobes of the intake camshaft, left geared

Please make sure to order the correct camshaft for your engine, corresponding with the correct partnumber range. On the website, only the "PN19003xx" partnumber range is shown, the last two digits (xx) are the same for the same cam profiles

- # 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 seals must be lowered, race valvespring kit is required (available on special request only)