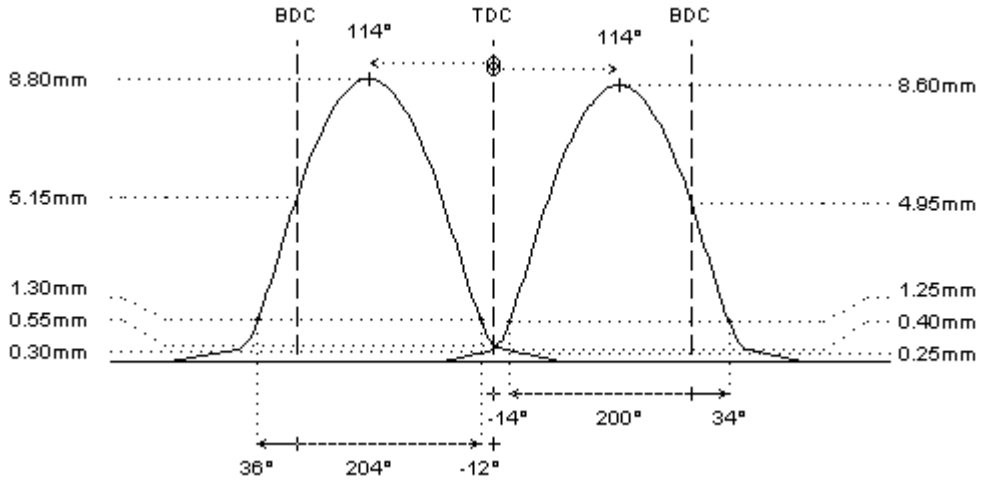
O.E.M.

Toyota 2JZ-GTE

I-6cyl 3.0L 24v DOHC

	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.30mm
duration @ 0.1mm	: 240°	243°
duration @ 1.0mm	: 200°	204°
valve lift	: 8.60mm	8.80mm
cam lift	: 8.60mm	8.80mm
lobe angle	: 114°	114°
timing @ 1.0mm	: -14° / 34°	36° / -12°
valve lift @ TDC	: 0.40mm	0.55mm



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	: 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 :

REMARKS :

these camshafts cannot be used in the 2JZ-GE naturally aspirated engine with VVT-i on intake camshaft

7100405

sport

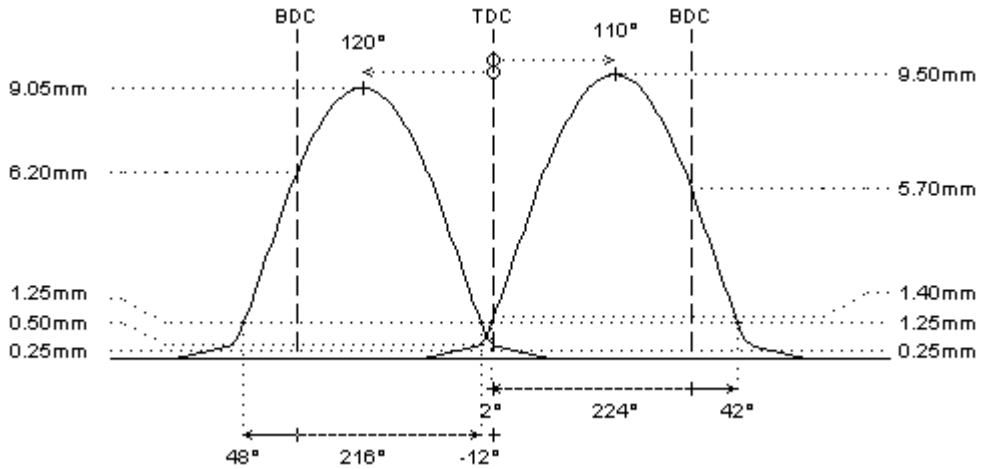
Toyota 2JZ-GTE

I-6cyl 3.0L 24v DOHC

	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 270°	262°
duration @ 1.0mm	: 224°	216°
valve lift	: 9.50mm	9.05mm
cam lift	: 9.50mm	9.05mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 2° / 42°	48° / -12°
valve lift @ TDC	: 1.40mm	0.50mm

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	: 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 :



REMARKS :

these camshafts cannot be used in the 2JZ-GE naturally aspirated engine with VVT-i on intake camshaft

7100406

hot street - dirt track

Toyota 2JZ-GTE

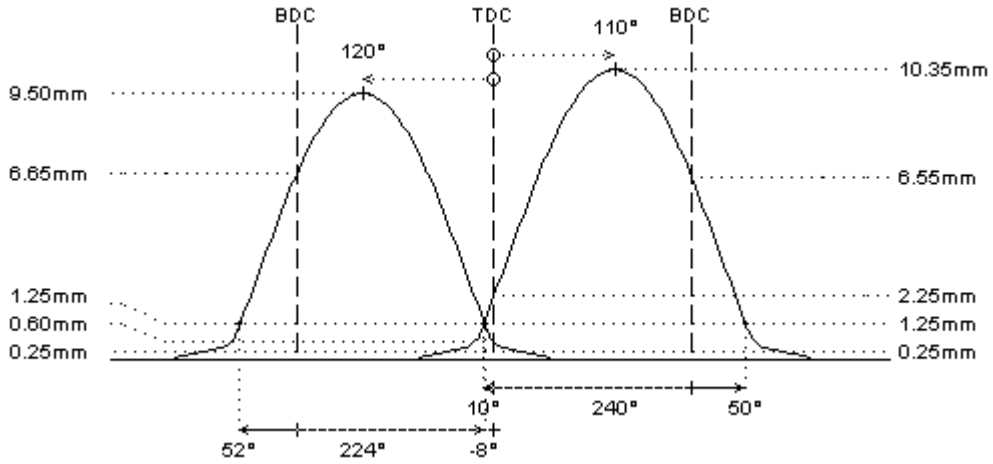
I-6cyl 3.0L 24v DOHC

	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 286°	270°
duration @ 1.0mm	: 240°	224°
valve lift	: 10.35mm	9.50mm
cam lift	: 10.35mm	9.50mm
lobe angle	: 110°	120°
timing @ 1.0mm	: 10° / 50°	52° / -8°
valve lift @ TDC	: 2.25mm	0.60mm

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	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: ✕ **not available**	: ✕ **not available**
interior spring		
fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

check original valve spring dimensions and fitted length and replace by single spring PAC-S90019 if possible, otherwise contact Cat Cams



REMARKS :

these camshafts cannot be used in the 2JZ-GE naturally aspirated engine with VVT-i on intake camshaft

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

ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors