Machine Translated by Google

Type A camshafts (A10/A12/A14/A15)

Type A New Material Camshaft



Note: Please be sure to adhere to the lifter diameter indicated. If the lifter is too small...
If it's too much, the cam lobe will protrude from the contact surface with the cam, causing a problem.
This leads to the bull. When using 23.5φ or 25φ big lifters...
There is a risk of approaching or coming into contact with the inside of the cylinder.
Please maintain a clearance of at least 0.6 mm.
A camshaft with high valve lift can affect the piston and cylinder.
There may be insufficient valve recess. Please check thoroughly.
Please take appropriate measures.

Product number	Cam lift	working angle	Central angle	Required lifter diameter	Price	specification
SS70A	6.9mm	70 degrees (280°)	105°	STD-22.5φ	¥105,000	Street
SS72A	7.0mm	72 degrees (288°)	105°	STD-22.5φ	¥105,000	Street
SS74A	7.2mm	74 degrees (296°)	104°	STD-22.5φ	¥105,000	Street
SS77A	7.5mm	77 degrees (308°)	103°	23.5-25φ	¥105,000	Sports Type
TS77C	7.7mm	77 degrees (308°)	103°	25φ	¥105,000	For racing
TS77B	8.0mm	77 degrees (308°)	103°	25φ	¥105,000	For racing
TS77BC	IN8.0 EX7.7	77 degrees (308°)	103°	25φ	¥105,000	For racing
TS77AC	IN8.3 EX7.7	77 degrees(308°)	103°	25φ	¥105,000	For racing
TS77DB	IN8.5 EX8.0	77 degrees(308°)	103°	25φ	¥105,000	For racing

Street Type
Valve timing

A-type SS70A camshaft (280°) — *Base circle diameter 27.9

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	6.9mm	0,30	1.5:1	10.05	15° BTDC - 43° ABDC	104°	2.70
EX	6.9mm	0,30	1.5:1	10.05	45° BBDC - 13° ATDC	106°	2.44

Street Type
Valve timing

A-type SS72A camshaft (288°) — *Base circle diameter 27.8

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	7.0mm	0,30	1.5:1	10.2	19° BTDC - 47° ABDC	104°	3.25
EX	7.0mm	0,30	1.5:1	10.2	49° BBDC - 17° ATDC	106°	2.99

Street Type
Valve timing

A-type SS74A camshaft (296°) — *Base circle diameter 27.3

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	7.2mm	0,30	1.5:1	10.5	24° BTDC - 50° ABDC	103°	3.93
EX	7.2mm	0,30	1.5:1	10.5	52° BBDC - 22° ATDC	105°	3.67

SportsType
Valve timing

A-type SS77A camshaft (308°) — *Base circle diameter 26.7

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	7.5mm	0,30	1.5:1	10.95	32° BTDC - 56° ABDC	102°	4.78
EX	7.5mm	0,30	1.5:1	10.95	58°BBDC - 30°ATDC	104°	4.43

Racing Type
Valve timing

A-type TS77C camshaft (308°) — *Base circle diameter 26.3

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	7.7mm	0,30	1.5:1	11.25	32° BTDC - 56°ABDC	102°	4.92
EX	7.7mm	0,30	1.5:1	11.25	58° BBDC - 30° ATDC	104°	4.66

Racing Type
Valve timing

A-type TS77B camshaft (308°) — *Base circle diameter 25.7

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	8.0mm	0,30	1.5:1	11.7	33° BTDC - 57°ABDC	102°	5.12
EX	8.0mm	0,30	1.5:1	11.7	59° BBDC - 31° ATDC	104°	4.85

Racing Type
Valve Evolution

Type A TS77BC camshaft (308°) — *Base circle diameter 25.7

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	8.0mm	0,30	1.5:1	11.7	33°BTDC - 57°ABDC	102°	5.12
EX	7.7mm	0,30	1.5:1	11.25	58°BBDC - 30°ATDC	104°	4.66

Racing Type
Valve timing

A-type TS77AC camshaft (308°) — *Base circle diameter 25.1

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	8.3mm	0,30	1.5:1	12.15	33° BTDC - 57°ABDC	102°	5.33
EX	7.7mm	0,30	1.5:1	11.25	58° BBDC - 30° ATDC	104°	4.66

Racing Type
Valve timing

A-type TS77DB camshaft (308°) — *Base circle diameter 24.7

	Camlift	valve clearance	Rocker Arm Lever ratio	(at 0.3mm) Valve lift	Open (1mm lift) Closed (1mm lift)	central angle	(When overlapping) Valve lift
IN	8.5mm	0,30	1.5:1	12.45	33° BTDC - 57°ABDC	102°	5.46
EX	8.0mm	0,30	1.5:1	11.7	59° BBDC - 31° ATDC	104°	4.85

Note: The displayed values are design specifications. Please be aware that the values may vary due to individual engine differences.

*The displayed price is the base price. Consumption tax will be added separately.

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