

# Oval Track LLH / LHS Cams For Small Block Chevrolets



New camshafts from Lunati® make the power and torque of very aggressive camshafts, but are easier on valve springs and have much better dynamic control than profiles with similar specs in Small Block Chevrolet applications.

New Oval Track LLH solid roller designs maximize area under the curve by using high average acceleration rates, but with a smoother, more controlled motion that eliminates harsh acceleration spikes commonly found in aggressive lobe designs. These cams are available with a standard or .900" base circle.

By using cutting-edge design methods, the new Oval Track LHS solid flat tappet cams also reduce harmful harmonics while maximizing area under the curve. These aggressive cams deliver superior valve control and exceptional power throughout the entire RPM range.

*Both the Oval Track LLH and Oval Track LHS Cams  
are designed for Small Block Chevrolet engines from 1955 to present.  
Custom grinds are also available.*

**LUNATI**®  
CAMSHAFTS • PISTONS    RODS • CRANKS

# Oval Track LLH / LHS Cams For Small Block Chevrolets

## CHEVROLET SMALL BLOCK V8 262-400 1955-PRESENT

### SOLID FLAT TAPPET

**Oval Track LHS:** Newest fast ramp flat tappet designs that maximize area under the curve by limiting the positive acceleration and reducing negative harmonics. Aggressive camshafts that deliver exceptional performance throughout the RPM range, superior valve control and longterm durability. Custom grinds are also available.

Cam Part #	RPM Range	Valve Lift w/ 1.5 RR IN/EX	Duration @ .050" IN/EX	Advised Duration IN/EX	LSA/ICL	Valve Lash IN/EX	Description
30120901	2500 - 6200	.513"/.510"	240/242	266/271	105/101	.013"/.016"	327-358c.i. 2 bbl with stock intake and headers or for tight tracks.
30120902	2900 - 6700	.531"/.528"	248/250	274/279	107/103	.013"/.016"	327-358c.i. 2 bbl, aftermarket intake, headers or 4 bbl on tight track.
30120903	3200 - 7000	.549"/.555"	256/262	282/291	107/103	.013"/.016"	350+ c.i. with 4 bbl, higher compression and higher RPM corners. Great solid lifter cam for less restricted engines.

**Cam & Lifter Kit:** N/A; **Lifters:** 70992-16; **Springs:** 73925-16; **Retainers:** 75794-16; **Locks:** 77048-16; **Valve Spring Kit:** 73925K2; **Valve Seals:** 78503-16; **Timing Set:** 93113; **Pushrods:** 5064-16; **Rocker Arms:** 15305-16

### SOLID ROLLER

**Oval Track LLH (Standard Base Circle):** LLH roller designs maximize area under the curve compared to other high-RPM, tight-lash roller designs by limiting the positive acceleration and reducing all of the high-harmonic terms. They were made to outperform any other "low-harmonic" designs by also incorporating tighter lash ramps and greatly rounding out the acceleration peaks of these asymmetric designs. Custom grinds are also available.

Cam Part #	RPM Range	Valve Lift w/ 1.5 RR IN/EX	Duration @ .050" IN/EX	Advised Duration IN/EX	LSA/ICL	Valve Lash IN/EX	Description
40120901	3500 - 7500	.645"/.651"	256/260	287/291	107/104	.017"/.017"	355+ c.i. Best short track cam for sub 3.75" stroke Late Model and IMCA Modified. Great top-end power and stability in smaller or restricted engines.
40120902	4000 - 8000	.657"/.663"	264/268	295/299	107/104	.017"/.017"	355+ c.i. Best for higher RPM tracks, 4.060" + bore, or Late Model and Sprint Car applications running constantly above 7800 RPM.

**Cam & Lifter Kit:** N/A; **Lifters:** 72403-16; **Springs:** 74725-16; **Retainers:** 76725-16; **Locks:** 77111-16; **Valve Spring Kit:** N/A; **Valve Seals:** 78503-16; **Timing Set:** 95500; **Pushrods:** 7064-16; **Rocker Arms:** 15305-16

### SOLID ROLLER

**Oval Track LLH (.900 Base Circle):** LLH roller designs maximize area under the curve compared to other high-RPM, tight-lash roller designs by limiting the positive acceleration and reducing all of the high-harmonic terms. They were made to outperform any other "low-harmonic" designs by also incorporating tighter lash ramps and greatly rounding out the acceleration peaks of these asymmetric designs. Custom grinds are also available.

Cam Part #	RPM Range	Valve Lift w/ 1.5 RR IN/EX	Duration @ .050" IN/EX	Advised Duration IN/EX	LSA/ICL	Valve Lash IN/EX	Description
40121113	3400 - 7600	.651"/.657"	260/264	291/295	107/104	.017"/.017"	388-415c.i. Great torque off the corners for larger engines on tacky tracks while still providing excellent high-end power and control.
40121114	4000 - 8200	.663"/.669"	268/272	299/303	107/104	.017"/.017"	415+ c.i. Best for higher RPM tracks in applications running constantly above 7800 RPM. Best with open carburetor rules and higher compression.

**Cam & Lifter Kit:** N/A; **Complete Kit:** N/A; **Lifters:** 72403-16; **Springs:** 74725-16; **Retainers:** 76725-16; **Locks:** 77111-16; **Valve Spring Kit:** N/A; **Valve Seals:** 78503-16; **Timing Set:** 95500; **Pushrods:** 7064-16; **Rocker Arms:** 15305-16



LUNATIPOWER.COM • 662.892.1500

CAMSHAFTS • PISTONS RODS • CRANKS