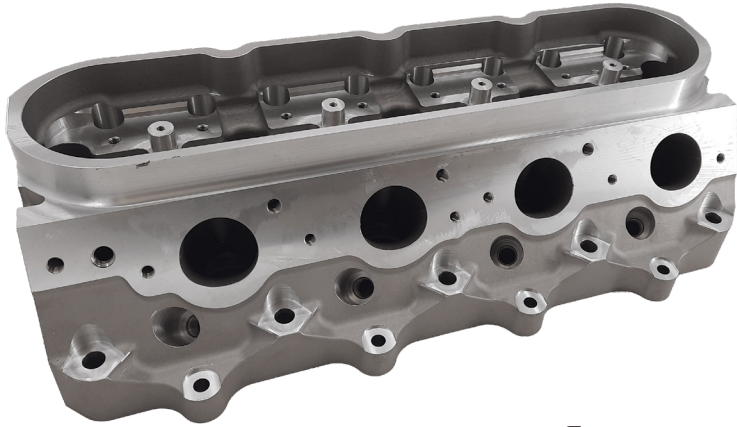




FACTORY MAST "MAST MINOTAUR" CYLINDER HEAD



FACTORY MAST SINGLE AS CAST PORT CYLINDER HEAD

SMALL BORE 5.3 LITER LS3

AVAILABLE PART NUMBERS

CH-LSX-302529 - MINOTAUR - BARE HEAD- SINGLE

CH-LSX-302530 MINOTAUR - HEAD WITH STAINLESS VALVES- PAIR

AIRFLOW CFM DATA

CH-LSX-302529 - FACTORY MAST AS CAST
SMALL BORE 5.3 LITER LS3 CYLINDER HEAD

Port Location	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
INTAKE	63	128	191	242	283	312	299	309
EXHAUST	55	104	143	184	204	212	218	220

CYLINDER HEAD SPECS

DIMENSION SPECS

- BORE SIZE: **3.780 (+)**
- WEIGHT: **28.5 LBS.**
- INTAKE VALVE SIZE: **2.040"**
- EXHAUST VALVE SIZE: **1.570"**
- VALVE STEM DIAMETER: **5/16"**
- VALVE LENGTH: **5.450"**
- VALVE ANGLE: **11°**
- VALVE SPRING POCKET DIAMETER: **1.580"**
- VALVE SPRING INSTALL HEIGHT: **1.800"**
- HEAD STUD SIZE: **.4375"**
- VALVE GUIDE OD: **.565"**
- VALVE JOB TYPE: **5 ANGLE**

AIR FLOW & PERFORMANCE CRITERIA

- INTAKE AVERAGE FLOW: **228 CFM**
- EXHAUST AVERAGE FLOW: **168 CFM**
- INTAKE SEAT MATERIAL: **HIGH CHROME ALLOY STEEL**
- INTAKE PORT VOLUME: **246CC**
- EXHAUST PORT VOLUME: **99CC**
- STANDARD CHAMBER VOLUME: **64CC**
- PORT TYPE: **AS CAST**

MATERIALS SPECS

- CYLINDER HEAD MATERIAL: **A357-T6 ALUMINUM**
- INTAKE VALVE SEAT MATERIAL: **HIGH CHROME ALLOY STEEL**
- EXHAUST VALVE SEAT MATERIAL: **HIGH CHROME ALLOY STEEL**
- DECK THICKNESS: **.750"**
- ROCKER STAND TYPE: **MAST BILLET**
- GUIDE MATERIAL: **BRONZE**

GENERAL SPECS

- ROCKER STAND TYPE: **MAST BILLET**
- ROCKER STANDS INCLUDED: **YES**
- ROCKER STAND DOWELS INCLUDED: **YES**
- USES STOCK ROCKER BOLTS: **NO**
- ROCKER BOLTS INCLUDED: **NO**
- ROCKER ARM TYPE: **OE LS3 1.7 OR AFTERMARKET**
- HEAD BOLT QTY: **6 BOLT STYLE**
- VALVE COVER RAIL HEIGHT: **+ 1/2 INCH**
- CAN USE OE VALVE COVER: **YES**

CUSTOM OPTIONS AVAILABLE

- CUSTOM CHAMBER SIZE
- CHAMBER SOFTENING
- 1/2" HEAD STUDS
- CAN USE OE VALVE COVER: **YES**

