

LONGMAN CYLINDER HEADS



Mini Mania is the exclusive direct importer of genuine Longman Cylinder Heads. As such we are also able to have heads modified to our specification, and we are directly involved in the ongoing development of the SCCA GT5 spec. head. All Longman Heads are fully ported and polished, and come completely assembled with Longman's exclusive valves, guides, springs, and retainers. All 1275 heads are based on the 12G940 casting.

GT4L

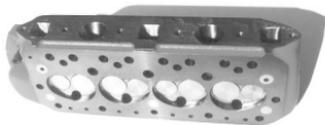
SPEC: 1.31 intake, 1.15 exhaust. combustion chamber volume 24cc. Based on the 12G295 casting, this is the ultimate "small bore" head.

GT7

SPEC: 1.4 intake, 1.21 exhaust. Combustion chamber volume 21cc. Late Cooper S spec. head with larger ports and make this suitable for highly modified road engines and especially the big bore 1380/1400 type.

GT6

SPEC: 1.4 intake, 1.15 exhaust. Combustion chamber volume 21cc. Same as GT7, but fitted with hardened seats for use with unleaded fuel.



Note: All heads may be ordered with your choice of combustion chamber volume!

GT14

SPEC: 1.48 intake, 1.15 exhaust. Combustion chamber 21cc. Very modified head, suitable for race applications and extensively modified big bore and long stroke engines.

GT15

SPEC: 1.48 in, 1.21 ex. Combustion chamber 21cc. Very modified head, suitable for race applications and extensively modified big bore motors. The exhaust valve is offset to minimize cracking between the seats.

GT17

SPEC: 1.48 intake, 1.15 exhaust. Combustion chamber to suit application. Same as the GT14 but has been fully flow tested and balanced. It has longer valves (.140" longer) & special springs (with rotators) to work better with high lift cams.

LONGMAN VALVES, SPRINGS, GUIDES



Longman valves are specially shaped for maximum flow. .353" is the standard length for all 1275 12G940 castings. For special high lift applications, use 3.67 length with appropriate springs and roller platforms.

RLIN1.3STD

1.312" By 3.57", standard length inlet valve, standard size for 12G940 casting

RLIN1.3L

1.312" by 3.67, long inlet valve, as used in GT13 heads

RLIN1.4STD

1.405" by 3.57" inlet valve, standard length, as used in GT6 & GT7 heads

RLIN1.4L

1.405" by 3.67", long inlet valve

RLIN1.48STD

1.475" by 3.57", standard length inlet valve, as used in GT14 & GT15

RLIN1.48L

1.475" by 3.67", long inlet valve, as used in GT17 heads

RLEX1.15STD

1.15" by 3.57, standard length exhaust valve, standard size for 12G940 heads

RLEX1.15L

1.15" by 3.67", long exhaust valve, as used in GT17 heads

RLEX1.21STD

1.215" by 3.57", standard length exhaust valve as used in GT15 & GT17 heads

RLEX1.21L

1.21" by 3.67", long exhaust valve.

C-AEA526L

Longman valve springs

C-AJJ4037/L

Longman valve guides

88G459/L

Steel collets for spring retainers

ROTATERS

Special rotators are used under the valve springs to reduce coil bind and friction.

VR1/Longman

Valve Spring Retainers for Longman heads.

