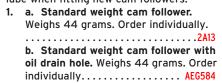
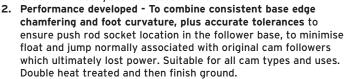
Cam Followers. Valves & Valve Guides

#### **Cam Followers**

It is of great importance to use high quality cam followers to get the best performance and reliability from your cam. Use of poor quality followers will lead to definite failure of the cam. The cam followers supplied by Mini Spares are of the highest quality, manufactured by an OE supplier to Rover Group. Always use cam lube when fitting new cam followers.



c. Genuine AE cam follower (FederalMogul). Weighs 44 grams. Order individually . . . . . . . . . 2A13EV0



a. Light weight cam follower with oil hole. Standard height. b. As above but taller to increase follower stability improving 

# **Competition Valves**

All our competition valves are produced in EN214N steel and require Manganese/ Silicon bronze alloy valve guides. They are stellite tipped and use the later narrow single collett groove and current high efficiency valve head shapes and designs. The statutory use of unleaded fuel causes premature



wear on valve stems therefore all our competition valves will be heat treated to eradicate this problem.

3. Inlet Valves. All valves sold individually.
37.2mm (1.464") inlet valve for 12G940 casting
35.7mm (1.406") inlet valve
a. for 12G940 casting
b. triple grooved A-Plus valve*
35.7mm (1.406") inlet valve for AEG163 casting MK1'S' AEG593
33.3mm (1.311") inlet valve for 12G940 casting
30.93mm (1.218") inlet valve all small bore head casting.*
35.6mm (1.405") Longer inlet valve. 8 port head onlyC-AHT376
4. Exhaust Valves. All valves sold individually.
32mm (1.260") chrome stemmed exhaust valve for 12G940
casting. Not heat treated. Order Individually
31mm (1.220") exhaust valve for 12G940 casting
31mm (1.220") exhaust valve for AEG163 casting AEG594
29.5mm (1.161") exhaust valve
a. for 12G940 casting
b. triple grooved A-Plus valve*
26.5mm (1.043") exhaust valve for all small bore castings.*
30.93mm (1.218") longer exhaust valve for 8 port head only.

'Small bore' is a classification for 850/998/1098cc.

\*only available in late type triple collet groove.

'Large bore' is any Cooper 'S' and all 1275cc+ engines



### Standard Production Valves

5.	Inlet Valves for 1275cc. All valves sold individually.
	a. Single grooved valve.
	<b>35.6mm (1.484")</b> inlet valve for 12G940 casting AEG592
	<b>33mm (1.311")</b> inlet valve for 12G940 casting12G941
	b. Triple grooved valve.
	<b>35.6mm (1.484")</b> inlet valve for 12G940 castingTAM1059
	<b>33mm (1.311")</b> inlet valve for 12G940 casting TAM1058
6.	Exhaust Valves for 1275cc. All valves sold individually.
	a. Single grooved valve.
	<b>29.2mm (1.149")</b> exhaust valve for 12G940 casting CAM4601

b. Triple grooved valve. 29.2mm (1.149") exhaust valve for 12G940 casting ......TAM1061 c. Lead free insert. For exhaust valves. . TAM2069 Exhaust Valves for 850/998/1100cc. a. Early large collet groove ..... AEA434

b. Small collet groove with AEA311 valve spring ......2A1987 c. A+ with 12G1015 valve spring.....CAM6503 d. Triple collet groove valve A+..... TAM1770

### Rimflo Valves

We also stock a limited of range of Rimflo valves for the 'A' series. These are produced in EN214N steel with chrome plated stems which enable them to be used with standard iron guides. All Rimflo valves start with the prefix C-RIM.

8. Rimflo Inlet Valves.

All valves sold individually. 35.7mm (1.405") inlet valve for 12G940 casting . . . . . C-RIM544 33.3mm (1.311") inlet valve for 12G940 casting . . . . . . C-RIM569 31.8mm (1.252") inlet valve for small bore casting . . . . C-RIM104

8

Rimflo Exhaust Valves. All valves sold individually. 31.75mm (1.250") exhaust valve for 12G940 casting . . C-RIM570 30.9mm (1.217") exhaust valve for 12G940 casting . . . . C-RIM107 29.3mm (1.15") exhaust valve for 12G940 casting.......C-RIM106 27mm (1.06") exhaust valve for small bore casting ....C-RIM105

Small bore available to customer order only

## Valve Guides/Seals

Although Silicon bronze valve guides were used for their extremely good 10 wear values they were very hard and not user friendly when fitting. We have introduced the Manganese bronze guides which have good cutting properties and good wear

characteristics and are original equipment on Porsche and Mercedes. Bronze alloy valve guides are required @

when using EN214N steel valves unless

the valve stems are chrome plated. Guide material specifications may change as more modern materials are tested.

10. a. All 5 port heads.

Manganese bronze guide are sold in sets of 8 ..........C-AJJ4037 

11. Iron guides are bullet shaped for better flow characteristics. Type shown are 12G1963 which accept ADU4905 seal. Order individually ......12G1963

12. Top hat seals are always fitted on inlet valves and also on the exhaust valves on standard Rover unleaded heads.

a. Standard replacement. Order individually ...... ADU4905 b. New improved performance type. As fitted to twin point injection, made in original Dupont Viton. Order individually ......LJQ101160

