

Camshaft chart.

All measurements in inches.

	1	2	3	4	5	6	7	8
PartNo. (spider drive):	<i>12A 1065</i>		<i>12G 726</i>	<i>AEG 557, AEG 323, AEG 538</i>		<i>AFG 542</i>	<i>C-AEG 567</i>	
Cam lobe width:	<i>3/8 inch</i>		<i>3/8 inch</i>	<i>1/2 inch</i>		<i>1/2 inch</i>	<i>1/2 inch</i>	
Markings:			<i>2 rings</i>			<i>1 wide ring</i>	<i>AEG 568</i>	
Standard use:	<i>Auto mini, auto 1100.</i>		<i>Auto mini, auto 1100.</i>	<i>Midget MK3, Sprite MK4 1300 12H marina.</i>				
PartNo. (pin drive):	<i>8G712, 2A297, 2A517.</i>		<i>12G165, AEA630</i>			<i>AEG510</i>	<i>88G229, 2A948, 12A122.</i>	
Cam lobe width:	<i>3/8 inch</i>		<i>3/8 inch</i>			<i>1/32 inch</i>	<i>3/8 inch</i>	
Markings:			<i>2 rings</i>			<i>1 ring</i>	<i>1 ring</i>	
Standard use:	<i>850 Mini, all 803 & 948cc engines</i>		<i>1100 sprite MK2 Midget MK1 Mini 1100</i>	<i>Cooper "S" Midget MK2 Mini1275GT</i>		<i>Cooper "S"</i>	<i>997 Cooper</i>	
PartNo. (slot drive):								
Cam lobe width:		<i>1/2 inch</i>			<i>1/2 inch</i>			<i>1/2 inch</i>
Markings:					<i>1/4 groove after 3rd lobe</i>			
Standard use:	<i>998 Mini</i>	<i>850 & 998 Metro</i>			<i>Metro, marina, allegro, MG metro turbo. Mini 1.3, 1990-onw. ERA-Mini.</i>			<i>MG Metro, Vandenplas Metro.</i>
In. opens BTDC	<i>5°</i>	<i>9°</i>	<i>5°</i>	<i>5°</i>	<i>9°</i>	<i>10°</i>	<i>10°</i>	<i>16°</i>
In. closes								

ABDC	45°	41°	45°	45°	41°	50°	56°	56°
Ex. opens BBDC	40°	49°	51°	51°	55°	51°	51°	59°
Ex. closes ATDC	10°	11°	21°	21°	17°	21°	21°	29°
In. period	230°	230°	230°	230°	230°	240°	252°	252°
Ex. period	230°	240°	252°	252°	252°	252°	252°	268°
Cam lift in/ex.	.200/.220	.250/.235	.250/.250	.250/.250	.250/.250	.250/.250	.250/.250	.250/.250
Valve lift Std rockers.	0.280	0.318/0.300	0.318/0.318	0.318/0.318	0.318/0.318	0.318/0.318	0.318/0.318	0.318/0.318
Valve lift 1.5 rockers.	0.330	0.375/0.360	0.375/0.375	0.375/0.375	0.375/0.375	0.375/0.375	0.375/0.375	0.375/0.375
Lobe Displacement Angle.	107.5°	107.5°	107.5°	107.5°	107.5°	107.5°	107.5°	107.5°
Tapped clearance:	0.010-0.012/	0.012-0.012/	0.012-0.012/	0.012-0.012/	0.012-0.012/	0.015-0.015/	0.015-0.015/	0.015-0.015/
STD:	0.012-	0.012-	0.012-	0.012-0.014	0.012-	0.018-	0.018-	0.018-
1.5:	0.014	0.014	0.014		0.014	0.018	0.018	0.018s
Full inlet lift at:	110° ATDC	106° ATDC	110° ATDC	110° ATDC	106° ATDC	110° ATDC	110° ATDC	110° ATDC
Overlap:	15°	20°	26°	26°	26°	31°	37°	45°