

CAMSHAFTS Austin Rover A Series Mini / Metro / Midget

PIPER CAMS

Valve lifts quoted assume a rocker ratio of 1.28:1

Preface part number with type of oil pump drive. PD pin drive, SCD star drive, MET for the metro
Billet camshafts available with x drilled lobes for additional lubrication

Part No.	Application	Power Band	Power Increase	Duration		Valve Lift		Timing		Full Lift		Valve Clearance	Price exc.VAT
				Inl	Exh	Inl	Exh	Open	Close	Inl ATDC	Exh BTDC		
BP255	MILD ROAD / TURBO Excellent all round cam for all engines sizes. Excellent torque, smooth idle	1000-6000	8 BHP	264 deg	264 deg	.360" / 9.14mm	.360" / 9.14mm	24 - 60	60 - 24	108 deg		.012" / .30mm .012" / .30mm	£80 Repro £164 Billet
BP270	FAST ROAD Carb' cam for use in all engine sizes. Smooth idle. No machining required	1500-6500	10 BHP	276 deg	276 deg	.385" / 9.78mm	.385" / 9.78mm	31 - 65	65 - 31	107 deg		.012" / .30mm .012" / .30mm	£80 Repro £164 Billet
BP270i	FAST ROAD Single Point Injection cam. Developed for the single point injection engine. Excellent torque and very good idle	1500-6500	8 BHP	252 deg	264 deg	.326" / 8.28mm	.346" / 8.76mm	16 - 56	62 - 22	110 deg		.016" / .40mm .016" / .40mm	£105 Repro £164 Billet
BP270MPi	FAST ROAD Multipoint Injection cam. Excellent torque and very good idle	1500-6500	10 BHP	252 deg	264 deg	.350" / 8.89mm	.346" / 8.76mm	16 - 56	57 - 27	110 deg		.012" / .30mm .016" / .40mm	£105 Repro
BP285	ULTIMATE ROAD For use in 1275 and larger engines massive improvements in mid range torque and power	2000-7500	14 BHP	280 deg	280 deg	.400" / 10.16mm	.400" / 10.16mm	33 - 67	67 - 33	107 deg		.012" / .30mm .012" / .30mm	£80 Repro £164 Billet
BP300	RALLY RACE Torque and Power are what you need to win rallies. That is exactly what this cam gives	3000-8000		316 deg	316 deg	.390" / 9.89mm	.390" / 9.89mm	54 - 82	82 - 54	104 deg		.014" / .35mm .014" / .35mm	£80 Repro £164 Billet
BP320	RACE The reputation of this cam is legendary. It gives over 150bhp in 1380 engines	4000-8500		320 deg	320 deg	.420" / 10.67mm	.420" / 10.67mm	57 - 83	83 - 57	103 deg		.012" / .30mm .012" / .30mm	£80 Repro £164 Billet
649+	RACE The original 649 was an excellent cam, This derivative gives similar characteristics to the original 649 but more power	3700-8500		300 deg	312 deg	.400" / 10.16mm	.420" / 10.67mm	50 - 70	81 - 51	100 deg		.014" / .35mm .016" / .40mm	£80 Repro £164 Billet
457	BRISCA MINISTOCK	3000-7500		276 deg	284 deg	.400" / 10.16mm	.400" / 10.16mm	32 - 64	68 - 36	106 deg		.010" / .25mm .012" / .30mm	£80 Repro £164 Billet
466	SPEDEWORTH MINISTOCK For use with restrictor plate	3000-7000		272 deg	272 deg	.345" / 8.76mm	.350" / 8.89mm	32 - 60	65 - 27	104 deg		.012" / .30mm .012" / .30mm	£80 Repro £164 Billet

CAM KITS Austin Rover A Series include:

Add type of oil pump drive required to kit code. ie. PD, SCD, or MET
All profiles available with scatter lobe angles, add SCA after part number

Part No.	Cam	Followers	Hydraulic Adjusters	Valve Springs	Spring Seats	Stem Seals	Spring Caps	Spray Bar	Ball Studs	Timing Belt	Vernier Pulley	Timing Disc & Lube	Price exc.VAT
KB255	X	X		X								X	£127 Repro £206 Billet
KB270	X	X		X								X	£127 Repro £206 Billet
KBMET270i	X	X		X								X	£163 Repro
KBMET270MPi	X	X		X								X	£163 Repro
KB285	X	X		X								X	£127 Repro £206 Billet
KB300	X	X		X								X	£127 Repro £206 Billet
KB320	X	X		X								X	£127 Repro £206 Billet
KB649+	X	X		X								X	£127 Repro £206 Billet

Additional Components for above engines:

SC1 - A series steel spring retainer set £31
MINKEY - Offset key set £25
VDSMIN2 - Uprated double valve spring set £39
TCMIN - Duplex timing chain £16

VDSMINR - Race double valve spring set £74
PULSMIN - A Series vernier duplex kit £82
FOLMIN - A Series cam follower set £32

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