



Vauxhall / Opel

Vauxhall/Opel Camshaft Data :- Astra/Cavalier/Calibra/Vectra/1.6/1.8/2.00 J Series

Rocker Ratio 1 : 1.69

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Lift @ TDC		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATTIC	EX BAD	In	Ex	In	Ex		
VAUX/272/456H PH2	Road/Rally Cam	2500	272	272	0.456	0.456	0.270	0.270	26-66	66-26	110				Hyd	Hyd	£170.00	Blank
		6500			11.58	11.58	6.85	6.85										
Notes		Ideal for Road Use. Good Tickover. To Be used in Injection Engines																
VAUX/280/473H PH2	Road/Rally Cam	2500	280	280	0.473	0.473	0.280	0.280	30.70	70.30	110				Hyd	Hyd	£170.00	Blank
		6500			12.01	12.01	7.11	7.11										
Notes		Will Not Run on Standard Injection. For Use with Twin DCOE Carbs or Throttle Bodies																
VAUX/288/507H PH4	Tarmac Rally Sprint Cam	3000	288	288	0.507	0.507	0.300	0.300	36-72	72-36	108				Hyd	Hyd	£170.00	Blank
		7500			12.87	12.87	7.61	7.61										
Notes		Good Mid Upper Range Power. Will Not Run on Standard Injection																
VAUX/300/541/M PH5	Race Cam	4000	300	300	0.541	0.541	0.320	0.320	42-78	78-42	108				0.008	0.010	£170.00	Blank
		8000			13.73	13.73	8.12	8.12						0.200	0.250			
Notes		Powerful Upper Range Camshaft																

Vauxhall/Opel Astra/Cavalier/Calibra/Vectra/1.6/1.8/2.00 J Series Additional Components

Part No	Description	Price
DNCF63A	8 x Steel Competition J Series Cam Followers	£48.00
DNS1040	8 x Single Valve Springs 160 Poundage	£46.00
TB0720	Timing Belt (111mm x 20mm)	£15.00
DNHL63	8 x Hydraulic Ball Studs	£48.00
DNCBS1	8 x Mechanical Ball Stud Internal Adjustment	£80.00
TD1	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00



Address: Farnborough Way, Farnborough, Kent, BR6 7DH, United Kingdom

Telephone: +44 (0)1689 857 109 Fax: +44 (0)1689 855 498 E-Mail: info@newman-cams.com Website: www.newman-cams.com

Vauxhall/Opel Camshaft Data :- Corsa/Tigra 16 Valve

Rocker Ratio 1 : 1

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Lift @ TDC		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex	In	Ex		
VUXT/264/380H PH1	Road Cam	2000 6500	264	264	0.380 9.64	0.380 9.64	0.380 9.64	0.380 9.64	22-62	62-22	110	110	0.063" 1.60mm	0.063" 1.60mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Ideal for Road Use. Good Tickover. To Be Used in Engines with Standard Injection																		
VUXT/270/405H PH2	Road/Rally Cam	2500 7000	270	270	0.405 10.28	0.405 10.28	0.405 10.28	0.405 10.28	25-65	65-25	110	110	0.051" 1.30mm	0.051" 1.30mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Will Not Run on Standard Injection. For Use with Twin DCOE Carbs																		
VUXT/288/420H PH3	Rally Cam	3000 7500	288	288	0.420 10.66	0.420 10.66	0.420 10.66	0.420 10.66	36-72	72-36	108	108	0.086" 2.20mm	0.086" 2.20mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Good Mid Upper Range Power. Will Not Run on Standard Injection																		
VUXT/300/440 PH5	Race Cam	4000 8000	300	300	0.440 11.17	0.440 11.17	0.440 11.17	0.320 8.12	42-78	78-42	108	108	0.141" 3.60mm	0.141" 3.60mm	0.008 0.200	0.010 0.250	£360.00 Per Pair	Blank
Notes Powerful Upper Range Camshaft																		

Vauxhall/Opel Corsa/Tigra 16 Valve Additional Components

Part No	Description	Price
DNCHL70	16 x Hydraulic Cam Followers (32mm x 26mm)	£160.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim Type (32mm x 26mm)	£272.00
K335	1 x Clamping Tool for Adjusting Mechanical Cam Followers	£18.00
TB5052	Timing Belt (111mm x 17mm)	£15.00

Vauxhall/Opel Camshaft Data :- 1.8/2.0/2.2 Ecotec 16 Valve

Rocker Ratio 1 : 1

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Lift @ TDC		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex	In	Ex		
VAXE/264/380H PH1	Road Cam	2000 6500	264	264	0.380 9.64	0.380 9.64	0.380 9.64	0.380 9.64	22-62	62-22	110	110	0.063" 1.60mm	0.063" 1.60mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Ideal for Road Use. Good Tickover. To Be Used in Engines with Standard Injection																		
VAXE/270/405H PH2	Road/Rally Cam	2500 7000	270	270	0.405 10.28	0.405 10.28	0.405 10.28	0.405 10.28	25-65	65-25	110	110	0.051" 1.30mm	0.051" 1.30mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Will Not Run on Standard Injection. For Use with Twin DCOE Carbs																		
VAXE/288/420H PH3	Tarmac Rally Sprint Cam	3000 7500	288	288	0.420 10.66	0.420 10.66	0.420 10.66	0.420 10.66	36-72	72-36	108	108	0.086" 2.20mm	0.086" 2.20mm	Hyd	Hyd	£360.00 Per Pair	Blank
Notes Good Mid Upper Range Power. Will Not Run on Standard Injection																		

Vauxhall/Opel 1.8 /2.0/2.2 Ecotec 16 Valve Additional Components

Part No	Description	Price
HL70	16 x Hydraulic Cam Followers (32mm x 26mm)	£160.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim Type (32mm x 26mm)	£272.00
K335	1 x Clamping Tool for Adjusting Mechanical Cam Followers	£18.00
TB5051	Timing Belt (176mm x 24mm)	£21.00
TD1	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00

Vauxhall/Opel Camshaft Data :- Astra/Cavalier/Calibra 16 Valve C20XE Engine

Rocker Ratio 1 : 1

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Lift @ TDC		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex	In	Ex		
VAXC/264/400H PH1	Road Cam	2000	264	264	0.400	0.400	0.400	0.400	22-62	62-22	110	110	0.038"	0.038"	Hyd	Hyd	£385.00	Blank
		6500			10.15	10.15	10.15	10.15					0.98mm	0.98mm			Per Pair	
Notes Ideal for Road Use. Good Tickover. To Be Used in Engines with Standard Injection and in Turbo Engines																		
VAXC/270/420H PH2	Road/Rally Cam	2500	270	270	0.420	0.420	0.420	0.420	25-65	65-25	110	110	0.063"	0.063"	Hyd	Hyd	£385.00	Blank
		7000			10.66	10.66	10.66	10.66					1.60mm	1.60mm			Per Pair	
Notes Will Not Run on Standard Injection. For Use with Twin DCOE Carbs or Modified Injection																		
VAXC/288/440H PH4	Tarmac Rally Sprint Cam	3000	288	288	0.440	0.440	0.440	0.440	36-72	72-36	108	108	0.079"	0.079"	Hyd	Hyd	£385.00	Blank
		7500			11.17	11.17	11.17	11.17					2.00mm	2.00mm			Per Pair	
Notes Good Mid Upper Range Power. Will Not Run on Standard Injection																		
VAXC/296/465 PH5	Race Cam	4000	296	296	0.465	0.463	0.465	0.463	40-76	76-40	108	108	0.132"	0.132"	0.008	0.010	£385.00	Blank
		8000			11.80	11.75	11.80	11.75					3.35mm	3.35mm	0.200	0.250	Per Pair	
Notes Powerful Upper Range Camshaft																		

Vauxhall/Opel Astra/ Cavalier /Calibra 16 Valve C20XE Engine Additional Components

Part No	Description	Price
DNPOVP20XET	2 x Vernier Pulleys Early Type Round Belt Form	£160.00
DNPOPV20XE	2 x Vernier Pulleys Late Type Square Tooth Form	£160.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim (32mm x 26mm) EN40 B Nitrided	£272.00
K335	1 x Clamping Tool for Adjusting Mechanical Cam Followers	£18.00
DNCF5121A	16 x Mechanical Cam Followers Shim Type (32mm x 26mm) EN40 B Nitrided	£272.00
DNCHL70	16 x Hydraulic Cam Followers (32mm x 26mm)	£160.00
TB5051	Timing Belt Post 92 (176mm x 24mm)	£25.83
TB8141	Timing Belt Pre 92 (141mm x 24mm)	£25.83
TD1	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00

Vauxhall/Opel Camshaft Data :- Astra/Nova 1.2/1.3/1.4/1.6GTE J SERIES

Rocker Ratio 1 : 1.69

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Lift @ TDC		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex	In	Ex		
VUXA/264/439H PH1	Road Cam	2000 5750	264	264	0.439 11.15	0.439 11.15	0.260 6.60	0.260 6.60	22-62	62-22	110				Hyd	Hyd	£175.00	Blank
Notes		Ideal for Road Use. Good Tickover. To Be Used in 1.4 Injection Engine																
VAXA/272/473H PH2	Road/Rally Cam	2500 6500	272	272	0.473 12.01	0.473 12.01	0.280 7.11	0.280 7.11	26-66	66-26	110				Hyd	Hyd	£175.00	Blank
Notes		Will Not Run on Standard Injection. For Use with Town DCOE Carbs																
VAXA/288/507 PH3	Tarmac Rally Sprint Cam Stock Rod Cam	3000 7500	288	288	0.465 11.80	0.465 11.80	0.275 6.98	0.275 6.98	42-78	78-42	108				0.008 0.200	0.010 0.250	£175.00	Blank
Notes		Good Mid Upper Range Power. Will Not Run on Standard Injection																
VAXA/300/541 PH4	Race Cam	4000 8000	300	300	0.541 13.73	0.541 13.73	0.320 8.12	0.320 8.12	42-78	78-42	108				0.008 0.200	0.010 0.250	£175.00	Blank
Notes		Powerful Upper Range Camshaft																

Vauxhall/Opel Astra/Nova 1.2/1.3/1.4/1.6GTE J SERIES Additional Components

Part No	Description	Price
K498	Aluminium Vernier Pulley with Steel Internal Sprocket	£85.00
DNCF63A	8 x Steel Competition J Series Cam Followers	£48.00
TB5030	Timing Belt 1.3 Post 80 (104mm x 15mm)	£13.00
TB5083	Timing Belt 1.4/1.6 Post 91 (104mm x 17mm)	£13.00
TB5054	Timing Belt 1.6 Post 91 (111mm x 17mm)	£16.00
TD1	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00
DNHL63	8 x Hydraulic Ball Studs	£48.00
DNCBS1	8 x Mechanical Ball Stud Internal Adjustment	£80.00
DNS1040	8 x Single Valve Springs 160 Poundage	£46.00