

**Vauxhall/Opel Camshaft Data :-Astral/ 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		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATTIC	EX BAD	In	Ex		
<b>VAUX/272/456H PH2</b>	Road/Rally Cam	2500	272	272	0.456	0.456	0.270	0.270	26-66	66-26	110		Hyd	Hyd	£145.00	Blank
		6500			11.58	11.58	6.85	6.85								
Notes.		Ideal for Road use Good Tick over to be used in Injection Engines														
<b>VAUX/280/473H PH2</b>	Road/Rally Cam	2500	280	280	0.473	0.473	0.280	0.280	30.70	70.30	110		Hyd	Hyd	£145.00	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														
<b>VAUX/288/507H PH4</b>	Tarmac Rally Sprint Cam	3000	288	288	0.507	0.507	0.300	0.300	36-72	72-36	108		Hyd	Hyd	£145.00	Blank
		7500			12.87	12.87	7.61	7.61								
Notes.		Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System														
<b>VAUX/399/541 PH5</b>	Race	4000	300	300	0.541	0.541	0.320	0.320	42-78	78-42	108		0.008	0.010	£145.00	Blank
		8000			13.73	13.73	8.12	8.12					0.200	0.250		
Notes.		Powerful Upper Range Camshaft														

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

Part No	Description	Price
<b>K498</b>	Aluminium Vernier Pulley with Steel Internal Sprocket	£85.00
<b>DNCF63A</b>	8 x Steel Competition J Series Cam Followers	£48.00
<b>TB0720</b>	Timing Belt 111mmx20mm	£15.00
<b>DNHL63</b>	Hydraulic Ball Studs	£4.80
<b>TD1</b>	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00

**Vauxhall/Opel Camshaft Data :- Corsa/Tigra 16 Valve**
**NEWMAN CAMS 9**

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Rocker Ratio 1.1.0

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex		
<b>VUXT/264/380H PH1</b>	Road Cam	2000	264	264	0.380	0.380	0.380	0.380	22-62	62-22	110	110	Hyd	Hyd	£300.00 Per Pair	Blank
		6500			9.64	9.64	9.64	9.64								
Notes. Ideal for Road use Good Tick over to be used in with Standard Injection Injection																
<b>VAXT/270/405H PH2</b>	Road/Rally Cam	2500	270	270	0.405	0.405	0.405	0.405	25-65	65-25	110	110	Hyd	Hyd	£300.00 Per Pair	Blank
		7000			10.28	10.28	10.28	10.28								
Notes. Will not run on Standard Injection for use with Twin DCOE Carbs																
<b>VAXT/288/420H PH3</b>	Tarmac Rally Sprint Cam	3000	288	288	0.420	0.420	0.420	0.420	36-72	72-36	108	108	Hyd	Hyd	£300.00 Per Pair	Blank
		7500			10.66	10.66	10.66	10.66								
Notes. Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System																
<b>VUXT/300/440 PH5</b>	Race	4000	300	300	0.440	0.440	0.440	0.320	42-78	78-42	108	106	0.008	0.010	£300.00 Per Pair	Blank
		8000			11.17	11.17	11.17	8.12					0.200	0.250		
Notes. Powerful Upper Range Camshaft																

**Vauxhall/Opel Corsa/Tigra 16 Valve Additional Components**

Part No	Description	Price
DNCHL70	16 x Hydraulic Cam Followers (32mm x26mm)	£120.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim Type (32mm x 26mm)	£256.00
TB5052	Timing Belt (111mmx17m)	£15.00

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

Rocker Ratio 1.1.0

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex		
<b>VUXE/264/380H PH1</b>	Road Cam	2000	264	264	0.380	0.380	0.380	0.380	22-62	62-22	110	110	Hyd	Hyd	£300.00 Per Pair	Blank
		6500			9.64	9.64	9.64	9.64								
Notes. Ideal for Road use Good Tick over to be used in with Standard Injection Injection																
<b>VAXE/270/405H PH2</b>	Road/Rally Cam	2500	270	270	0.405	0.405	0.405	0.405	25-65	65-25	110	110	Hyd	Hyd	£300.00 Per Pair	Blank
		7000			10.28	10.28	10.28	10.28								
Notes. Will not run on Standard Injection for use with Twin DCOE Carbs																
<b>VAXE/288/420H PH3</b>	Tarmac Rally Sprint Cam	3000	288	288	0.420	0.420	0.420	0.420	36-72	72-36	108	108	Hyd	Hyd	£300.00 Per Pair	Blank
		7500			10.66	10.66	10.66	10.66								
Notes. Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System																

**Vauxhall/Opel1.8 /2.0/2.2 Ecotec 16 Valve Additional Components**

Part No	Description	Price
HL70	16 x Hydraulic Cam Followers (32mm x26mm)	£120.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim Type (32mm x 26mm)	£256.00
TB5051	Timing Belt (176mmx24mm)m)	£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**
**NEWMAN CAMS 9**

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Rocker Ratio 1.1

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex		
<b>VAXC/264/400H PH1</b>	<b>Road Cam</b>	2000 6500	264	264	0.400 10.15	0.400 10.15	0.400 10.15	0.400 10.15	22-62	62-22	110	110	Hyd	Hyd	£300.00	Blank
Notes. Ideal for Road use Good Tickover to be used in with Standard Injection Injection and in Turbo Engines																
<b>VAXC/270/420H PH2</b>	<b>Road/Rally Cam</b>	2500 7000	270	270	0.420 10.66	0.420 10.66	0.420 10.66	0.420 10.66	25-65	65-25	110	110	Hyd	Hyd	£300.00	Blank
Notes. Will not run on Standard Injection for use with Twin DCOE Carbs or Modified Injection System																
<b>VAXC/288/440H PH4</b>	<b>Tarmac Rally Sprint Cam</b>	3000 7500	288	288	0.440 11.17	0.440 11.17	0.440 11.17	0.440 11.17	36-72	72-36	108	108	Hyd	Hyd	£300.00	Blank
Notes. Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System																
<b>VAXC/296/465 PH5</b>	<b>Race</b>	4000 8000	296	296	0.465 11.80	0.463 11.75	0.465 11.80	0.463 11.75	40-76	76-40	108	108	0.008 0.200	0.010 0.250	£300.00	Blank
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	£150.00
DNPOPV20XE	2 x Vernier Pulleys Late Type Square Tooth Form	£150.00
DNCF5121	16 x Mechanical Cam Followers Easy Fit Non Shim (32MM x26) En40 B Nitrided	£192.00
DNCF5121A	16 x Mechanical Cam Followers Shim Type (32MM x26) En40 B Nitrided	£192.00
DNCHL70	16 x Hydraulic Cam Followers 32mm x 26mm)	£120.00
TB5051	Timing Belt Post 92 (176mm x 24mm)	£20.83
TB8141	Timing Belt Pre 92 (141mm x 24mm)	£20.83
<b>TD1</b>	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00

Rocker Ratio 1.1.69

Part No	Application	Power Band	Duration		Valve Lift		Cam Lift		Timing		Full Lift		Valve Clear		Price Ex VAT	Material Type
			In	Ex	In	Ex	In	Ex	Open	Close	IN. ATDC	EX BTDC	In	Ex		
<b>VUXA//264/439H PH1</b>	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	£145.00	Blank
Notes. Ideal for Road use Good Tick over to be used in 1.4 Injection Engine																
<b>VAXA//272/473H PH2</b>	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	£145.00	Blank
Notes. Will not run on Standard Injection for use with Town DCOE Carbs																
<b>VAXA//288/507H PH3</b>	Tarmac Rally Sprint Cam Stock Rod Cam	3000 7500	300	300	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	£145.00	Blank
Notes. Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System																
<b>VUXA//399/541 PH4</b>	Race	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	£145.00	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
<b>K498</b>	Aluminium Vernier Pulley with Steel Internal Sprocket	£75.00
<b>DNCF5000</b>	8 x Steel Competition J Series Cam Followers	£40.00
<b>TB5030</b>	Timing Belt 1.3 Post 80 104mm x 15mm	£12.00
<b>TB5083</b>	Timing Belt 1.4/1.6 Post 91 104mm x 17mm	£13.00
<b>TB5054</b>	Timing Belt 1.6 Post 91 111mm x 17mm	£14.00
<b>TD1</b>	Timing Disc Dual Purpose Full Lift and Engine Degrees	£5.00