

Volkswagen Camshaft Data :- Golf Polo 1.4 G40 Hydraulic

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 | | |
| VOLP/264/400H PH1 | Road Cam | 2000 6500 | 264 | 264 | 0.400 10.15 | 0.400 10.15 | 0.400 10.15 | 0.400 10.15 | 22-62 | 66-22 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. Ideal for Road use Good Tick over ,Works well in the Supercharged Engine | | | | | | | | | | | | | | | | |
| VOLP//270/410H PH2 | Road/Rally Cam | 2500 7000 | 270 | 270 | 0.410 10.41 | 0.410 10.41 | 0.410 10.41 | 0.410 10.41 | 25-65 | 65-25 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. A Free Revving Camshaft with little loss of low down power | | | | | | | | | | | | | | | | |
| VOLP/272/420H PH3 | Tarmac Rally Sprint Cam | 3000 7500 | 272 | 272 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 26-66 | 66-26 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. Good Mid Upper Range Power | | | | | | | | | | | | | | | | |
| VOLP/296/440 PH4 | Race | 4000 8000 | 296 | 296 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 40-76 | 76-40 | 108 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. Powerful Upper Range Camshaft. For use with Solid Cam Followers | | | | | | | | | | | | | | | | |

Volkswagen Golf Polo 1.4 G40 Hydraulic additional components

| Part No | Description | Price |
|----------|---------------------------------------------------------------------|---------|
| DNCFHL66 | 8 x Hydraulic Cam Follower 35mm x 26mm | £64.00 |
| DNCF5188 | 8 x Mechanical easy adjust cam follower Non Shim Type (35mm x 26mm) | £128.00 |
| TB5352 | Timing Belt (135mm x 19mm) | £18.56 |
| K335 | Clamping Tool for Adjusting Mechanical Cam Followers | £18.00 |

Volkswagen Camshaft Data :- Golf GTI Mk 1 Mechanical
NEWMAN CAMS 8

36

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 | | |
| VOLM/264/396 PH1 | Road Cam | 2000 6500 | 264 | 264 | 0.396 10.05 | 0.394 10.00 | 0.396 10.05 | 0.394 10.00 | 22-62 | 66-22 | 110 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. | | Ideal for Road use Excellent Low Down Power | | | | | | | | | | | | | | |
| VOLM/280/432 PH2 | Road/Rally Cam | 2500 7000 | 280 | 280 | 0.432 10.96 | 0.430 10.91 | 0.432 10.96 | 0.430 10.91 | 30-70 | 70-30 | 110 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. | | A Free Revving Camshaft with little loss of low down power | | | | | | | | | | | | | | |
| VOLM/288/442 PH3 | Tarmac Rally Sprint Cam | 3000 7500 | 288 | 288 | 0.442 11.22 | 0.440 11.17 | 0.442 11.22 | 0.440 11.17 | 36-72 | 72-36 | 108 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. | | Good Mid Upper Range Power Fit Non Top Shim Cam Followers | | | | | | | | | | | | | | |
| VOLM/296/492 PH4 | Race | 4000 8000 | 296 | 296 | 0.492 12.49 | 0.490 12.44 | 0.492 12.49 | 0.490 12.44 | 40-76 | 76-40 | 108 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. | | Powerful Upper Range Camshaft Fit Non Top Shim Cam Followers | | | | | | | | | | | | | | |

Volkswagen Additional Components Golf GTI Mk 1 Mechanical

| Part No | Description | Price |
|---------|-------------------------------------------------------------|---------|
| TBA | 1 x Vernier Sprocket | £75.00 |
| K561 | 8 x Cam Followers Non Top Shim Type Shim Type (35mmx28.2mm) | £120.00 |
| DNCF65 | 8 x Cam Followers (35mmx28.2mm) | £90.00 |
| TB5320 | Timing Belt (121mm x 18mm) | £15.00 |

Volkswagen Camshaft Data :- Golf GTI 8 Valve Hydraulic

NEWMAN CAMS 8

37

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 | | |
| VOLG/258/396H PH1 | Road Cam | 2000 6500 | 256 | 256 | 0.396 10.05 | 0.396 10.05 | 0.396 10.05 | 0.396 10.05 | 18-58 | 58-18 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. Ideal for Road use Smooth Tick over | | | | | | | | | | | | | | | | |
| VOLG/268/420H PH2 | Road/Rally Cam | 2500 7000 | 268 | 268 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 24-64 | 64-24 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. A Free Revving Camshaft with little loss of low down power | | | | | | | | | | | | | | | | |
| VOLG/272/448H PH4 | Tarmac Rally Sprint Cam | 3000 7500 | 272 | 272 | 0.448 11.37 | 0.448 11.37 | 0.448 11.37 | 0.448 11.37 | 26-66 | 66-26 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. Good Mid Range Power | | | | | | | | | | | | | | | | |
| VOLG/276/452H PH4 | Tarmac Rally Sprint Cam | 3500 7500 | 276 | 276 | 0.452 11.47 | 0.452 11.47 | 0.452 11.47 | 0.452 11.47 | 28-68 | 68-28 | 110 | | Hyd | Hyd | £145.00 | Blank |
| Notes. Good Mid Upper Range Power. The limit off Hydraulic Cam Followers | | | | | | | | | | | | | | | | |
| VOLG/296/490 PH5 | Race | 4000 8000 | 296 | 296 | 0.490 12.44 | 0.488 12.39 | 0.490 12.44 | 0.488 12.39 | 40-76 | 76-40 | 108 | | 0.008 0.200 | 0.010 0.250 | £145.00 | Blank |
| Notes. Powerful Upper Range Camshaft. For use with Solid Cam Followers | | | | | | | | | | | | | | | | |
| VOLGS/264/463 PH5 | Supercharged G60 | 2500 7000 | 264 | 278 | 0.463 11.75 | 0.433 10.99 | 0.463 11.75 | 0.433 10.99 | 20-64 | 76-32 | 112 | | Hyd | Hyd | £145.00 | Blank |
| Notes. A Fast Road Rally Cam developed for the Supercharged Engine giving Good Mid Range with a Steady Tick over | | | | | | | | | | | | | | | | |

Volkswagen Golf GTI 8 Valve Hydraulic additional Components

| Part No | Description | Price |
|----------|-------------------------------------------------------------------|---------|
| | 1 x Vernier Sprocket | £75.00 |
| DNCFHL66 | 8 x Hydraulic Cam Followers | £72.00 |
| DNCF5188 | 8 x Mechanical easy adjust cam follower Non Shim Type 35mm x 26mm | £128.00 |
| TN8124 | Timing Belt 124mm x 18mm | £15.00 |
| K335 | Clamping Tool for Adjusting Mechanical Cam Followers | £18.00 |

Volkswagen Camshaft Data :- Golf GTI 1.8 2.0 16 Valve
NEWMAN CAMS 8

38

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 | | |
| VOLV/264/410H PH1 | Road Cam | 2000 6500 | 264 | 264 | 0.410 10.41 | 0.410 10.41 | 0.410 10.41 | 0.410 10.41 | 22-62 | 66-22 | 110 | | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. Ideal for Road use Excellent Low Down Power works with standard Injection System | | | | | | | | | | | | | | | | |
| VOLV/272/420H PH2 | Road/Rally Cam | 2500 7000 | 272 | 272 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 26-66 | 66-26 | 110 | | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. A Free Revving Camshaft with little loss of low down power will not run with Standard Injection System | | | | | | | | | | | | | | | | |
| VOLV/288/442H PH3 | Tarmac Rally Sprint Cam | 3000 7500 | 288 | 288 | 0.442 11.22 | 0.442 11.22 | 0.442 11.22 | 0.442 11.22 | 36-72 | 72-36 | 108 | | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. Good Mid Upper Range Power | | | | | | | | | | | | | | | | |
| VOLV/296/492 PH4 | Race | 4000 8000 | 296 | 296 | 0.492 12.49 | 0.490 12.44 | 0.492 12.49 | 0.490 12.44 | 40-76 | 76-40 | 108 | | 0.008 0.200 | 0.010 0.250 | £300.00 Per Pair | Blank |
| Notes. Powerful Upper Range Camshaft | | | | | | | | | | | | | | | | |

Volkswagen Golf GTI 1.8 2.0 16 Valve Additional Components

| Part No | Description | Price |
|------------|---------------------------------------------------------------|---------|
| DNCFHL66A | 16 x Hydraulic Cam Follower 35mm x 26mm | £144.00 |
| DNCF5188 | 16 x Mechanical Easy Adjust Non Shim Cam Follower 35mm x 26mm | £256.00 |
| TB3460 | Timing Belt 1.8 Model 147mm x 25mm | £19.13 |
| TB5351 | Timing Belt 2.00 Model 151mm x 25mm | £25.64 |
| K335 | 1 x Clamping Tool for Adjusting Mechanical Cam Followers | £18.00 |
| DNP 58.004 | 1 x Vernier Chain Adjuster for Inlet Cam | £32.00 |

Volkswagen Camshaft Data :- Golf/Ventro VR6 12 Valve

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 | | |
| VR6/264/420H PH1 | Road Cam | 2000 6500 | 264 | 264 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 0.420 10.66 | 18.-58 | 58-18 | 110 | 110 | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. Ideal for Road use Good Tickover to be used in with Standard Injection Injection | | | | | | | | | | | | | | | | |
| VR6/270/430H PH2 | Road/Rally Cam | 2500 7000 | 270 | 270 | 0.430 10.91 | 0.430 10.91 | 0.430 10.91 | 0.430 10.91 | 25-65 | 65-25 | 110 | 110 | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. Will not run on Standard Injection for use with Modified Injection System | | | | | | | | | | | | | | | | |
| VR6/288/440H PH3 | Tarmac Rally Sprint Cam | 3000 7500 | 288 | 288 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 34-74 | 74-34 | 108 | 108 | Hyd | Hyd | £300.00 Per Pair | Blank |
| Notes. Good Mid Upper Range Power reasonable Range Power will not run on Std Injection System | | | | | | | | | | | | | | | | |

| Part No | Description | Price |
|----------|----------------------------------------------------------|---------|
| DNCF5188 | 12 x Solid Cam Followers Non Shim Adjustable 35mm x 26mm | £192.00 |
| DNCFH66 | 12 x Hydraulic Cam Followers 35mm x 26mm | £144.00 |

Volkswagen Camshaft Data :- Air Cooled Flat 4

Rocker Ratio 1.12

| 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 | | |
| VOB/264/358 PH1 | Road Cam | 2000 5000 | 264 | 264 | 0.358 9.10 | 0.358 9.10 | 0.320 8.12 | 0.320 8.12 | 18.-58 | 58-18 | 110 | | 0.008 0.203 | 0.010 0.254 | £80.00 | Blank |
| Notes. Ideal for Road use Good Tickover | | | | | | | | | | | | | | | | |
| VOB/270/392 PH3 | Road/Rally Cam | 2500 6000 | 270 | 270 | 0.392 9.95 | 0.392 9.95 | 0.350 8.88 | 0.350 8.88 | 25-65 | 65-25 | 110 | | 0.008 0.203 | 0.010 0.254 | £80.00 | Blank |
| Notes. Fast Road Competition Cam for use with twin carb set up | | | | | | | | | | | | | | | | |
| VOB/300/440 PH5 | Formuale V Race Cam | 4500 7500 | 300 | 300 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 0.440 11.17 | 44-76 | 76-44 | 104 | | 0.008 0.203 | 0.010 0.254 | £120.00 | Blank |
| Notes. Race cam only for circuit Racing(Chilled Iron and Tuftrided) | | | | | | | | | | | | | | | | |