



## Birmingham Piston Warehouse

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### Introducing Competition Series Stainless

#### Valves by Falcon Performance

Features include:

- Hardened Keeper Grooves
- Swirl Polished & Fully Machined
- Intake Valves Back-cut for Improved Airflow
- Under-Cut Heads for Increased Flow
- Comparable to Ferrea 6000 & Manley Race Master Valves



**Intake Valves \$8.00/ea**

**Exhaust Valves \$9.00/ea**

| Part #                             | Head Dia. | O/A Leng. | Tip Leng. | Stem Dia. |
|------------------------------------|-----------|-----------|-----------|-----------|
| <b>Small Block Chevy - Exhaust</b> |           |           |           |           |
| V11150                             | 1.50      | 4.93      | .250      | .341      |
| V11160                             | 1.60      | 4.93      | .250      | .341      |
| V11161                             | 1.60      | 5.01      | .250      | .341      |
| V11161T                            | 1.60      | 5.01      | .250      | .341      |
| (Tulip Head Valve)                 |           |           |           |           |
| <b>Small Block Chevy - Intake</b>  |           |           |           |           |
| V11194                             | 1.94      | 4.93      | .250      | .341      |
| V11202                             | 2.02      | 4.93      | .250      | .341      |
| V11203                             | 2.02      | 5.01      | .250      | .341      |
| V11205                             | 2.05      | 5.01      | .250      | .341      |
| V11208                             | 2.08      | 5.01      | .250      | .341      |
| <b>Ford 351W</b>                   |           |           |           |           |
| V20154                             | 1.54      | 5.075     | .395      | .341      |
| V20184                             | 1.84      | 5.075     | .395      | .341      |

### Falcon Premium Valve Train Kits

| Kit Part #                              | Valve Spg # | Spg OD | Seat Load   | Open Load   | Lock Angle | Application                  |
|-----------------------------------------|-------------|--------|-------------|-------------|------------|------------------------------|
| <b>Small Block Chevrolet</b>            |             |        |             |             |            |                              |
| HK1001P                                 | VS9001      | 1.250  | 125 @ 1.700 | 300 @ 1.250 | 7°         | Hyd Flat Tappet              |
| HK1002P                                 | VS9005      | 1.260  | 130 @ 1.800 | 350 @ 1.200 | 7°         | Hyd/Solid Flat Tappet        |
| HK1006P                                 | VS9000      | 1.437  | 135 @ 1.750 | 285 @ 1.250 | 10°        | Hyd Roller/Solid Flat Tappet |
| HK1007P                                 | VS9003      | 1.437  | 135 @ 1.800 | 330 @ 1.200 | 10°        | Hyd Roller/Solid Flat Tappet |
| <b>Ford 289-302 (1.940/1.60 valves)</b> |             |        |             |             |            |                              |
| HK2000P                                 | VS9018      | 1.490  | 85 @ 1.820  | 270 @ 1.320 | 7°         | Hyd Flat Tappet              |
| HK2001P                                 | VS9000      | 1.437  | 135 @ 1.750 | 285 @ 1.250 | 10°        | Hyd Roller/Solid Flat Tappet |
| <b>Ford 351W (1.84/1.55 valves)</b>     |             |        |             |             |            |                              |
| HK2002P                                 | VS9018      | 1.490  | 85 @ 1.820  | 270 @ 1.320 | 7°         | Hyd Flat Tappet              |

Each kit includes:

- Falcon Competition Series Valves
- Performance Valve Springs
- Chrome Moly Retainers
- Hardened 7° or Chrome Moly 10° Keepers
- Metal Jacket Valve Stem Seals (.500 or .531 guide)
- 180K Rocker Arm Studs (3/8" or 7/16")
- Guide Plates

*Chevrolet kits are available with any of the above listed valves.*

### Falcon Valve Stem Seal Sets

| Valve  | Guide | Description     | Part # |
|--------|-------|-----------------|--------|
| 11/32" | .500" | Teflon-Positive | TS290  |
| 11/32" | .530" | Teflon-Positive | TS266  |
| 11/32" | .500" | Metal-Viton     | TS224  |
| 11/32" | .530" | Metal-Viton     | TS220  |
| 3/8"   | .500" | Teflon-Positive | TS391  |
| 3/8"   | .530" | Teflon-Positive | TS367  |
| 3/8"   | .500" | Metal-Viton     | TS323  |
| 3/8"   | .530" | Metal-Viton     | TS322  |



#### \*Reduced OD Seals\*

| Valve  | Guide | Description            | Part # |
|--------|-------|------------------------|--------|
| 11/32" | .500" | Metal-Viton (.546" OD) | TS501  |
| 11/32" | .530" | Metal-Viton (.575" OD) | TS531  |

### Falcon Steel Guide Plates



| Part # | Application       | Type   | Size  |
|--------|-------------------|--------|-------|
| GP200  | Chevrolet 265-400 | Flat   | 5/16" |
| GP302  | Ford 289-351W     | Flat   | 5/16" |
| GP538  | Chevrolet 396-454 | Raised | 3/8"  |

Push Rod

### Falcon Camshaft Thrust Buttons

| Part # | Description                       |
|--------|-----------------------------------|
| CB110  | Chevrolet 265-400 Roller Button   |
| CB120  | Chevrolet 265-400 Aluminum Button |
| CB130  | Chevrolet 396-454 Aluminum Button |
| CB140  | Chevrolet 396-454 Roller Button   |



### Falcon Chrome Moly Retainers

| Part # | Valve Dia | Spring Dia    | Dia. 1 | Dia. 2 | Dia. 3 | Lock Angle |
|--------|-----------|---------------|--------|--------|--------|------------|
| VSR262 | 11/32"    | 1.250"        | 1.240" | .860"  | .600"  | 7°         |
| VSR263 | 11/32"    | 1.437"-1.500" | 1.400" | 1.060" | .690"  | 7°         |
| VSR304 | 3/8"      | 1.437"-1.500" | 1.400" | 1.060" | .695"  | 7°         |
| VSR305 | 3/8"      | 1.500"-1.550" | 1.490" | 1.120" | .695"  | 7°         |
| VSR307 | ALL       | 1.437"-1.500" | 1.400" | 1.060" | .695"  | 10°        |
| VSR308 | ALL       | 1.500"-1.550" | 1.490" | 1.120" | .695"  | 10°        |

### Falcon Valve Locks

| Part # | Description                          | Lock Angle | Valve Size |
|--------|--------------------------------------|------------|------------|
| VL355  | Hardened Steel                       | 7°         | 11/32"     |
| VL338  | Hardened Steel                       | 7°         | 3/8"       |
| VL340  | -.050" Inst. Ht. w/o Lash Cap Recess | 10°        | 11/32"     |
| VL341  | w/Lash Cap Recess                    | 10°        | 11/32"     |
| VL342  | +.050" Inst. Ht w/o Lash Cap Recess  | 10°        | 11/32"     |
| VL371  | w/Lash Cap Recess                    | 10°        | 3/8"       |

