

5000 SERIES HI PERFORMANCE VALVES

The 5000 Series Valves have become the alternative for performance engine builders that use our competitors "street" or "performance valve". These valves are produced in our CNC centers allowing tight tolerances and cost-effective design. They feature a one-piece forging made from stainless steel, a special heat treatment process, hard chrome stems, and hard tip. Most applications are available in an undercut stem and dished head, while other applications are available in straight stem and flat head. These valves provide our customers with maximum value for their dollar, and are designed for Street Performance engines, mildly modified Drag and Oval Track applications.

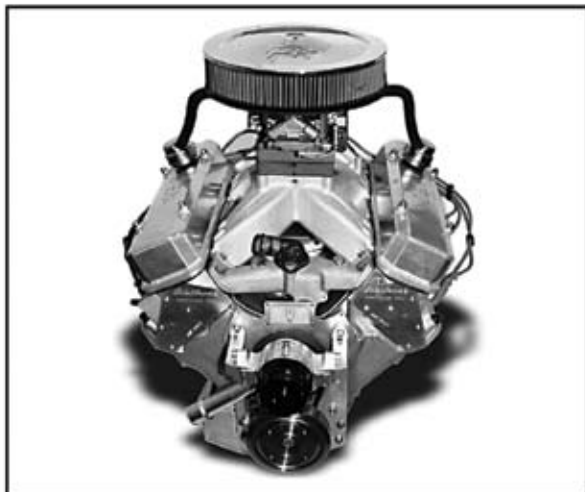


| Part N° | Type | Head Diam. | Stem Diam. | Overall Length | Tip Length | References |
|--------------------------------------|------|------------|------------|----------------|------------|--|
| CHEVROLET BIG BLOCK (11/32) | | | | | | |
| F5035 | E | 1.880 | 11/32 | 5.425 | .250 | 12° Under Cut-Dish Head. +.100 |
| F5037 | I | 2.190 | 11/32 | 5.300 | .250 | 10° Under Cut-Dish Head. +.100 |
| F5031 | I | 2.250 | 11/32 | 5.271 | .250 | 10° Under Cut-Dish Head. +.050 |
| F5070 | I | 2.250 | 11/32 | 5.471 | .250 | 10° Under Cut-Dish Head. +.250 |
| CHEVROLET BIG BLOCK (3/8) | | | | | | |
| F5010 | E | 1.725 | 3/8 | 5.350 | .225 | 12° Under Cut-Dish Head. Stk |
| F5011 | E | 1.880 | 3/8 | 5.350 | .225 | 12° Under Cut-Dish Head. Stk |
| F5111 | E | 1.880 | 3/8 | 5.375 | .225 | 9° Flo-Flat Head. Stk |
| F5007 | I | 2.065 | 3/8 | 5.221 | .225 | 10° Under Cut-Dish Head. Stk |
| F5008 | I | 2.190 | 3/8 | 5.221 | .225 | 10° Under Cut-Dish Head. Stk |
| F5108 | I | 2.190 | 3/8 | 5.246 | .225 | 9° Flo-Flat Head. Stk |
| F5009 | I | 2.250 | 3/8 | 5.271 | .225 | 10° Under Cut-Dish Head. Stk |
| CHEVROLET SMALL BLOCK (11/32) | | | | | | |
| F5004 | E | 1.500 | 11/32 | 4.910 | .256 | 12° Under Cut-Dish Head. Stk |
| F5104 | E | 1.500 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head. Stk |
| F5049 | E | 1.500 | 11/32 | 5.010 | .256 | 12° Under Cut. +.100 |
| F5005 | E | 1.600 | 11/32 | 4.910 | .256 | 12° Under Cut-Dish Head. Stk |
| F5105 | E | 1.600 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head. Stk |
| F5046 | E | 1.600 | 11/32 | 4.960 | .250 | 15° Semi Tulip-Under Cut-Dish Head-TFS |
| F5025 | E | 1.600 | 11/32 | 5.010 | .256 | 12° Under Cut-Dish Head. +.100 |
| F5006 | E | 1.625 | 11/32 | 5.010 | .256 | 12° Under Cut-Dish Head. +.100 |
| F5038 | E | 1.625 | 11/32 | 5.060 | .250 | 12° Under Cut-Dish Head. +.150 |
| F5040 | E | 1.650 | 11/32 | 5.060 | .250 | 12° Under Cut-Dish Head. +.150 |
| F5000 | I | 1.725 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. Stk |
| F5060 | I | 1.840 | 11/32 | 4.910 | .256 | 11° Under Cut-Dish Head |
| F5161 | I | 1.840 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head |
| F5072 | I | 1.900 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. AFR/HOLLEY |
| F5001 | I | 1.940 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. Stk |

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|---------------------------------------|------|------------|------------|----------------|------------|-------------------------------------|
| CHEVROLET SMALL BLOCK (1 1/32) | | | | | | |
| F5101 | I | 1.940 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head. Stk |
| F5048 | I | 1.940 | 11/32 | 5.010 | .256 | 10° Under Cut. +.100 |
| F5002 | I | 2.020 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. Stk |
| F5102 | I | 2.020 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head. Stk |
| F5047 | I | 2.020 | 11/32 | 4.960 | .250 | 10° Under Cut.TFS. Dish Head. +.050 |
| F5027 | I | 2.020 | 11/32 | 5.010 | .256 | 10° Under Cut-Dish Head. +.100 |
| F5003 | I | 2.055 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. Stk |
| F5103 | I | 2.055 | 11/32 | 4.935 | .250 | 9° Flo-Double Groove-Flat Head. Stk |
| F5022 | I | 2.055 | 11/32 | 5.010 | .256 | 10° Under Cut-Dish Head. +.100 |
| F5021 | I | 2.080 | 11/32 | 4.910 | .256 | 10° Under Cut-Dish Head. Stk |
| F5023 | I | 2.080 | 11/32 | 5.010 | .256 | 10° Under Cut-Dish Head. +.100 |
| CHRYSLER 340 & W2 (3/8) | | | | | | |
| F5051 | E | 1.600 | 3/8 | 5.075 | .225 | 14° Super Flo |
| F5050 | I | 2.020 | 3/8 | 5.050 | .225 | 12° Super Flo |
| CHRYSLER 440 CID (3/8) | | | | | | |
| F5055 | E | 1.740 | 3/8 | 4.910 | .290 | 14° Super Flo |
| F5053 | E | 1.810 | 3/8 | 4.910 | .290 | 14° Super Flo |
| F5054 | I | 2.080 | 3/8 | 4.875 | .290 | 12° Super Flo |
| F5052 | I | 2.140 | 3/8 | 4.875 | .290 | 12° Super Flo |



Buttler Performance built this Pontiac engine for overhauling for Lance Armstrong GTO using Ferrea Racing Components.



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|--|------|------------|------------|----------------|------------|---|
| FORD 351 C (2 Barrel) | | | | | | |
| F5040 | E | 1.650 | 11/32 | 5.060 | .250 | 12° Under Cut-Dish Head |
| F5026 | I | 2.070 | 11/32 | 5.275 | .250 | 10° Under Cut-Dish Head |
| FORD 351 W & GT40 HEAD | | | | | | |
| F5028 | E | 1.550 | 11/32 | 5.075 | .395 | 12° Under Cut-Dish Head |
| F5058 | E | 1.600 | 11/32 | 5.075 | .395 | 12° Under Cut-Dish Head |
| F5029 | I | 1.850 | 11/32 | 5.075 | .395 | 10° Under Cut-Dish Head |
| F5071 | I | 1.900 | 11/32 | 5.075 | .395 | 10° Under Cut-Dish Head. AFR/HOLLEY |
| F5059 | I | 1.940 | 11/32 | 5.075 | .395 | 10° Under Cut-Dish Head |
| FORD BOSS 302 - 351 C - 429 - 460 | | | | | | |
| F5045 | E | 1.710 | 11/32 | 5.060 | .250 | 12° Under Cut-Dish Head |
| F5145 | E | 1.760 | 11/32 | 5.060 | .250 | 9° Flo-Dish Head |
| F5037 | I | 2.190 | 11/32 | 5.300 | .250 | 10° Under Cut-Dish Head |
| F5031 | I | 2.250 | 11/32 | 5.271 | .250 | 10° Under Cut-Dish Head |
| FORD WINDSOR 289 - 302 - 351 | | | | | | |
| F5014 | E | 1.450 | 11/32 | 5.030 | .325 | 12° Under Cut-Dish Head |
| F5015 | E | 1.600 | 11/32 | 5.030 | .325 | 12° Under Cut-Dish Head |
| F5038 | E | 1.625 | 11/32 | 5.060 | .250 | 12° Under Cut-Dish Head |
| F5012 | I | 1.782 | 11/32 | 5.030 | .325 | 10° Under Cut-Dish Head |
| F5056 | I | 1.900 | 11/32 | 5.030 | .325 | 10° Under Cut-Dish Head |
| F5018 | I | 1.940 | 11/32 | 5.030 | .325 | 10° Under Cut-Dish Head |
| F5020 | I | 2.020 | 11/32 | 5.030 | .325 | 10° Under Cut-Dish Head |
| F5039 | I | 2.055 | 11/32 | 5.060 | .250 | 10° Under Cut-Dish Head |
| OLDSMOBILE | | | | | | |
| F5141 | E | 1.710 | 11/32 | 4.668 | .250 | 9° Flo-Dish Head |
| F5141B | E | 1.710 | 11/32 | 4.735 | .250 | 9° Flo-Dish Head |
| F5142 | I | 2.075 | 11/32 | 4.715 | .250 | 9° Flo-Dish Head |
| PONTIAC 400 - 428 - 455 | | | | | | |
| F5079 | E | 1.660 | 11/32 | 5.110 | .250 | 12° Under Cut - Dish Head. (KRE Aluminum D-Port) |
| F5064 | E | 1.660 | 11/32 | 5.230 | .250 | 12° Under Cut-Dish Head-Edelbrock |
| F5062 | E | 1.770 | 11/32 | 4.980 | .250 | 12° Under Cut-Dish Head |
| F5144 | E | 1.770 | 11/32 | 5.110 | .250 | 9° Flo-Dish Head |
| F5063 | E | 1.770 | 11/32 | 5.230 | .250 | 12° Under Cut-Dish Head-RA IV |
| F5065 | I | 2.110 | 11/32 | 4.980 | .250 | 12° Under Cut-Dish Head-45° Seat |
| F5143 | I | 2.110 | 11/32 | 5.095 | .250 | 9° Flo-Dish Head-30° Seat |
| F5073 | I | 2.110 | 11/32 | 5.095 | .250 | 9° Flo-Dish Head-45° Seat. (KRE Aluminum D-Port). |
| F5066 | I | 2.110 | 11/32 | 5.213 | .250 | 12° Under Cut-Dish Head-30° Seat-RA IV/Edelbrock |
| F5074 | I | 2.110 | 11/32 | 5.213 | .250 | 12° Under Cut-Dish Head-45° Seat RA IV/Edelbrock |