

# NITRO Black nitrided high performance valves by Engine Pro



Our proprietary liquid nitriding process creates a high performance 21-4N valve that is smoother, stronger and more corrosion resistant than traditional chrome plated stainless valves. They're nice to look at in the box.

Once they're installed, they'll prove that they are as tough as they are good looking.

- Greater surface hardness reduces crack formation
- Nitriding strengthens the valve's entire surface— not just the wear characteristics of the stem
- Better ductility under the hard nitrided layer makes the valve less likely to break, even if contacted by the piston
- Smoother, stronger surface means less valve and valve guide wear than chrome
- Resists corrosion and deposits caused by exotic fuels
- Liquid nitriding process is much cleaner than chroming and better for the environment

**NITRO BLACK**  
NITRIDED HIGH PERFORMANCE VALVES



For more information on the best looking, best performing valve available, go to [www.nitroblack.com](http://www.nitroblack.com).

[www.goenginepro.com](http://www.goenginepro.com)

PERFORMANCE ENGINE PARTS





## ENGINE PRO PERFORMANCE PRODUCTS

The Engine Pro Performance product line includes a broad array of performance products designed and engineered to exceed your customers' expectations. Our products are manufactured to exacting standards using state-of-the-art technology and processes to ensure reliable performance and great value. The Engine Pro Performance product line provides a wide variety of choices, accommodating the varied performance needs and budgets of your customers from the budget minded enthusiast to the all-out racer. Engine Pro is committed to being a leader in performance engine parts, and we thank you for your support. When it comes to performance, you will find it pays to know a pro... Engine Pro.

## NITRO Black nitrided high performance valves *by Engine Pro*

| Ordering Specifications          |      | DIMENSIONS    |               |                  |                |            |
|----------------------------------|------|---------------|---------------|------------------|----------------|------------|
| PART #                           | TYPE | HEAD DIAMETER | STEM DIAMETER | INSTALLED HEIGHT | OVERALL LENGTH | TIP LENGTH |
| <b>CHEVROLET SMALL BLOCK</b>     |      |               |               |                  |                |            |
| 01-3001                          | EXH  | 1.600"        | 11/32"        | STOCK            | 4.910          | .250       |
| 01-3001.100                      | EXH  | 1.600"        | 11/32"        | +100             | 5.010          | .250       |
| 01-3003                          | INT  | 2.020"        | 11/32"        | STOCK            | 4.910          | .250       |
| 01-3003.100                      | INT  | 2.020"        | 11/32"        | +100             | 5.010          | .250       |
| 01-3007.100                      | INT  | 2.055"        | 11/32"        | +100             | 5.010          | .250       |
| 01-3008.100                      | INT  | 2.080"        | 11/32"        | +100             | 5.010          | .250       |
| <b>CHEVROLET BIG BLOCK</b>       |      |               |               |                  |                |            |
| 01-3004                          | EXH  | 1.880"        | 3/8"          | STOCK            | 5.352          | .250       |
| 01-3004.100                      | EXH  | 1.880"        | 11/32"        | +100             | 5.452          | .250       |
| 01-3005                          | INT  | 2.190"        | 3/8"          | STOCK            | 5.228          | .250       |
| 01-3012.250                      | INT  | 2.250"        | 11/32"        | +250             | 5.478          | .250       |
| 01-3013.250                      | INT  | 2.300"        | 11/32"        | +250             | 5.478          | .250       |
| <b>CHEVROLET LS1-- BEAD LOCK</b> |      |               |               |                  |                |            |
| 01-3200                          | EXH  | 1.570"        | 0.313"        | STK              | 4.890"         | 0.160"     |
| 01-3201                          | EXH  | 1.600"        | 0.313"        | STK              | 4.890"         | 0.160"     |
| 01-3202                          | INT  | 2.020"        | 0.314"        | STK              | 4.880"         | 0.160"     |
| 01-3206                          | INT  | 2.041"        | 0.314"        | STK              | 4.880"         | 0.160"     |
| 01-3207                          | INT  | 2.055"        | 0.314"        | STK              | 4.880"         | 0.160"     |



For more applications  
call 800-ENGINE-1 or go to  
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distributor near you.

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