

**D. ELGIN CAMS**  
**INFORMATION REQUIRED TO GRIND A CUSTOM CAMSHAFT**

Date: \_\_\_ / \_\_\_ / 20\_\_\_

Your name: \_\_\_\_\_ Phone(s): \_\_\_\_\_  
 Your Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Car Make \_\_\_\_\_ Model \_\_\_\_\_ Year \_\_\_\_\_ Weight \_\_\_\_\_  
 Transmission (circle one) Manual or Auto Speeds \_\_\_\_\_ Stall rpm \_\_\_\_\_ Axle Ratio \_\_\_\_\_  
 Engine Type (circle one) OHV Lifter Type (circle one in each column) OHC Follower Type  
 Pushrod OHV SOHC Flat Tappet Hydraulic Bucket  
 Flathead DOHC Roller Tappet Mechanical Rocker Arm  
 Engine Make and Model \_\_\_\_\_ # Cylinders \_\_\_\_\_ Displacement \_\_\_\_\_ Bore \_\_\_\_\_  
 Stroke \_\_\_\_\_ If a "stroker", Make of Con Rods \_\_\_\_\_ Rod Length (c-c) \_\_\_\_\_  
 Static Compression Ratio \_\_\_\_\_ Turbocharged? Supercharged? Pounds of Boost \_\_\_\_\_  
 Valve Diameters: Intake \_\_\_\_\_ Exhaust \_\_\_\_\_ Rocker Ratio \_\_\_\_\_ Lifter Dia. \_\_\_\_\_  
 Valve Spring (circle): Single/Dual/Triple Spring Rate \_\_\_\_\_ Installed Ht. \_\_\_\_\_ Bind Ht. \_\_\_\_\_  
 Present Cam \_\_\_\_\_ Total Duration \_\_\_\_\_ Dur.@.050" \_\_\_\_\_ Lift \_\_\_\_\_ Centerline \_\_\_\_\_  
 Head Type (if non-stock) \_\_\_\_\_ Iron or Aluminum Head Modifications: \_\_\_\_\_

If these heads have been flow-tested, list the flow figures in CFM at .050" intervals:

|                          | <u>Valve Lift</u> | <u>Intake CFM</u> | <u>Exhaust CFM</u> | <u>Ratio: Exh to Int %</u> |
|--------------------------|-------------------|-------------------|--------------------|----------------------------|
|                          | .050"             | _____             | _____              | _____                      |
| Test Pressure            | .100"             | _____             | _____              | _____                      |
| _____ " H <sub>2</sub> O | .150"             | _____             | _____              | _____                      |
|                          | .200"             | _____             | _____              | _____                      |
|                          | .250"             | _____             | _____              | _____                      |
|                          | .300"             | _____             | _____              | _____                      |
|                          | .350"             | _____             | _____              | _____                      |
|                          | .400"             | _____             | _____              | _____                      |
|                          | .450"             | _____             | _____              | _____                      |
|                          | .500"             | _____             | _____              | _____                      |
|                          | .550"             | _____             | _____              | _____                      |
|                          | .600"             | _____             | _____              | _____                      |
|                          | .650"             | _____             | _____              | _____                      |

Intake Manifold Type \_\_\_\_\_ Carb(s) or FI (circle) Size & # of Carbs \_\_\_\_\_  
 Fuel: Gas/Diesel/Methanol, Pump or Race Octane \_\_\_\_\_ Nitrous? Yes/No Size of N<sub>2</sub>O shot \_\_\_\_\_  
 Headers? Yes/No Type: 4-1 or Tri-Y. Tube ID \_\_\_\_\_ Length \_\_\_\_\_ Merge Collector? Yes/No  
 Exhaust Manifold Type \_\_\_\_\_ Mufflers? Yes/No Catalytic Conv? Yes/No Smog Exempt? Yes/No  
 Honestly, how will this car be driven? \_\_\_\_\_  
 Powerband expected (example: 4-6K) \_\_\_\_\_ Is idle important? Yes/No *What else* will count? \_\_\_\_\_  
 Use the reverse side for additional comments or more particulars about your application. Mail or fax to:

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