



IPD DIFFERENTIATION BULLETIN

**IPD Differentiation:
IPD ROLLER TYPE VALVE
LIFTERS**

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IPDDB-0004

Many customers have found inconsistencies in not only supply, but in the quality of the roller lifters available in the market. As in many IPD products, we have gone the extra steps in Quality Assurance in order to offer IPD customers a product that will withstand the rigorous demands placed on it. In particular, roller type valve lifters can cause catastrophic damage if they fail.

Manufacturing tolerances on items such as roller type valve lifters are extremely tight and difficult to maintain with anything but the latest equipment and diligent quality assurance. Examples of a few key steps that IPD takes on these products we supply are listed below. Each of these critical areas has a specification that these parts must adhere to.

Lifter body

Pin bore diameter
Pin bore straightness
Oil holes must intersect correctly
Body outside dimension
Button bore diameter
Surface finish
Hardness

Roller

Outside dimensions
Inside dimensions and bore diameter
Width
Hardness
Surface finish

Pin

Press fit diameter
Roller mating diameter
Roller mating barrel radius
Correct drill locations and depths

Button

Outside Dimension
Correct pushrod radius
Hardness

Why bother? Our goal, as we hope is yours, is to provide the engine owner with a cost savings alternative to the OEM, but without risk to engine life or performance.

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