



CID Gen V LT Machining Guide

Valve ϕ	Under 8k RPM	Over 8k RPM
2.125	As cast CSA As cast Runner Length	5.0 CSA Short Runner Length
2.165	5.25 CSA As cast Runner Length	5.25 CSA Short Runner Length
2.200	5.5 CSA As cast Runner Length	5.5 CSA Short Runner Length

The above parameters were set for intake manifold customers who already have purchased a set of our CID LT heads. Because every variable can't be calculated, we will be machining every "Gasket Match" .050" smaller to ensure that a proper port match can be obtained. A very small amount of hand matching will be required, even on our own cylinder heads.

In the case of a customer who'd like to purchase an intake but didn't purchase a set of cylinder heads from us; The CSA & Runner Length should be chosen based on the intake valve in the customers head, & the desired RPM range. However, we will machine the "Gasket Match" for our 2.125/2.165 sizing. That way there is room to ensure that a proper port match can be obtained.

It should be known that an intake that's machined as a full-length runner variant, can be machined AGAIN in the Short Runner Length configuration with the same CSA. Once an intake is machined as a short runner, it can only be re-machined in a larger CSA.