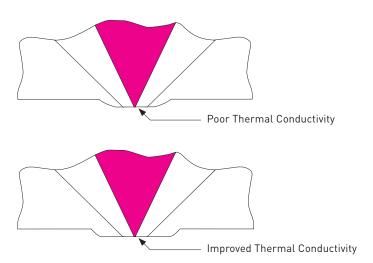
# Gate Dimple Design

## Applications where the use of a gate dimple is unavoidable.

Whenever a gate dimple is used the amount of cooling that the gate area receives is compromised.

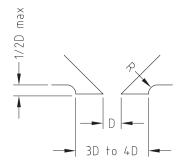
The steel mass around the gate is reduced which can cause gate areas to run too hot and result in stringing and drooling. There are options available to reduce this affect as illustrated below.



#### Reference sizes for tool design

Separate cooling circuits around the gate provide flexibility when trialling a new tool.

## **Recommended Dimple Design**



### Mastip Head Office New Zealand

550 Rosebank Road Avondale, Auckland, New Zealand PO Box 90651, Victoria Street West, Auckland 1142, New Zealand Phone: +64 9 970 2100 Fax: +64 9 970 2070 Email: mastip@mastip.com

