Manufacturing Date:

**Manufacturing Plan for Manual Machining**

Material:

Quantity:

Part Number:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Operation # | Machine Description | Operation Description | Tool Type | Cycle Time |
| 1 | Choose Machine |  |  |  |
| 2 | Choose Machine |  |  |  |
| 3 | Choose Machine |  |  |  |
| 4 | Choose Machine |  |  |  |
| 5 | Choose Machine |  |  |  |
| 6 | Choose Machine |  |  |  |
| 7 | Choose Machine |  |  |  |
| 8 | Choose Machine |  |  |  |
| 9 | Choose Machine |  |  |  |
| 10 | Choose Machine |  |  |  |

Notes/drawings/setup sketch

**Tips:**

* Always adjust speed while machine is running
* Ream at half speed
* Edge finder is used at 1000 rpm
* Facing tool needs to be angled slightly

Part Description:

Stock:

Part Name: