
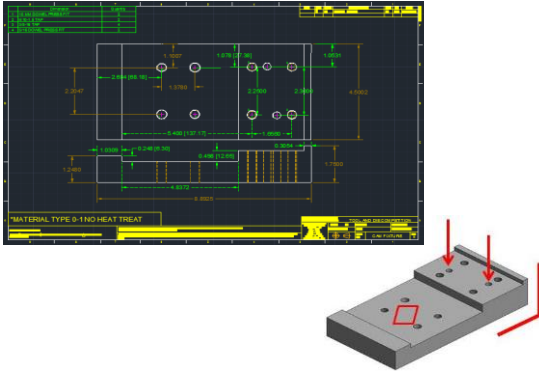
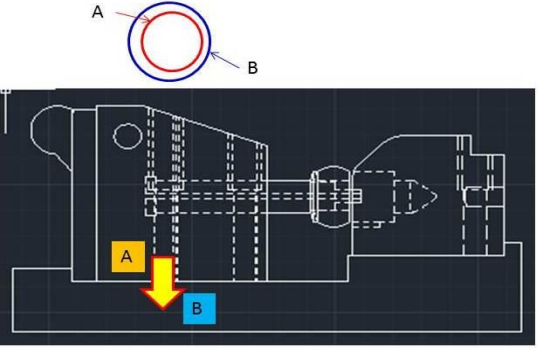


ASSIGNMENT ITEMS	ASSIGNMENT CONTENTS			Judgement
1. Cleaning	1. sweep floor 10 PTs	2. wipe machine and tool 10 PTs	3. replace tools 10 PTs	after finishing machining competition activities, judge if competitor did or not.
2. Safety	1. bring safety glasses by your self and wear 10 PTs	2. use cover of chip from machined material 10 PTs	3. with or without gloves 10 PTs/ 10 PTs	in the middle of machining, check the protection. DTPP requires safety glasses on production area, should bring it personally. .
3. Technical & Quality	<p>1. tool operation A, speed of drill B, speed of reamer. C, tool selection</p> <p>drill, reamer; 100RPM minus 5PTs per 50RPM tool selection (depend on preparation tool)</p>  <p>bad mark system</p>	<p>2. measurement A, length B, flatness C, dowel pin fit</p> <p>length and thickness minus 2PTs per .001 out flatness and parallel minus 1PT per .001 out dowel pin fit (depend on referee)</p>  <p>bad mark system</p>	<p>3. assembly A, fit tapping hole location B, cam punch and die clearance C, calculation from drawing</p> <p>hole locations are same center of circle so that can fasten each part using bolt cam keeps constant clearance so that cam punch can go through cam die. Convert to inch unit and calculate missing dimension.</p>  <p>30 PTs = 10 PTs + 10 PTs + 10 PTs</p>	<p>in the middle of machining, about tool operation, tool room experts provides machining spec.</p> <p>About measurement, tool room provides how to measure.</p>
4. Time	10PTs minus every 5 minutes over			hold the clock on competition