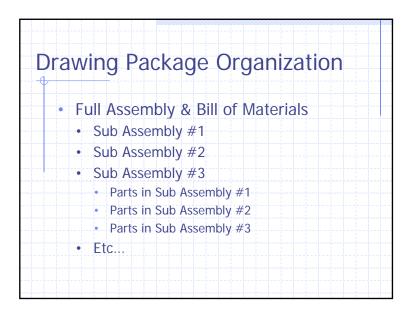
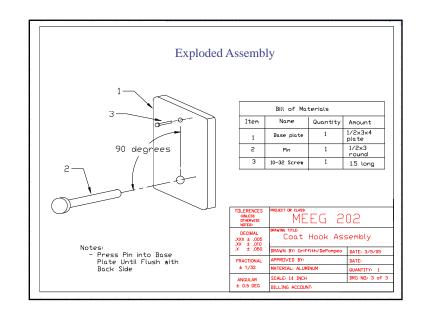
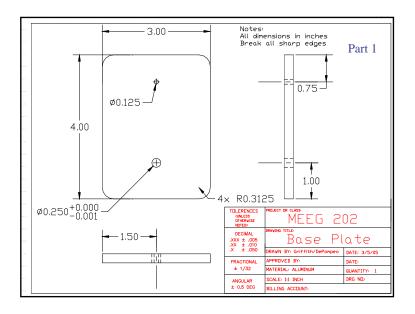


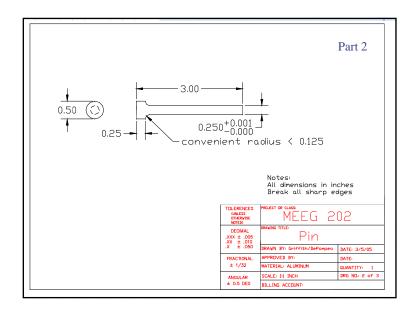
Drawing Packages	
<ul> <li>Contains all the descriptive documentation needed to ensure a part or system can be manufactured and assembled.</li> </ul>	
<ul> <li>Drawing Package = a group of drawings that communicate the details of a system or sub-system.</li> </ul>	
<ul> <li>Needs to be finished before any parts can be made.</li> </ul>	
<ul> <li>The final drawing package will be given to your customer.</li> </ul>	

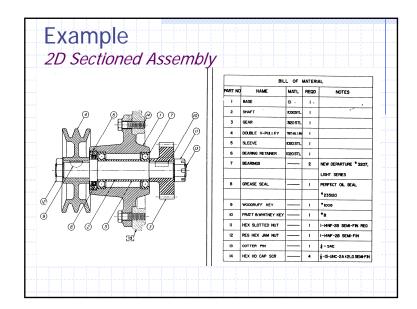
Drawing Package Elements				
•	Package Content			
	<ul> <li>Drawings for each component linked to parent assembly</li> </ul>			
	One or more assembly drawings			
	• 2D or 3D			
	Assembled or Exploded			
	Label all components			
	Include a <i>Bill of Materials</i>			
	Link to component drawings			
	<ul> <li>May also include wiring, pneumatic and other diagrams to communicate and illustrate connectivity and installation.</li> </ul>			

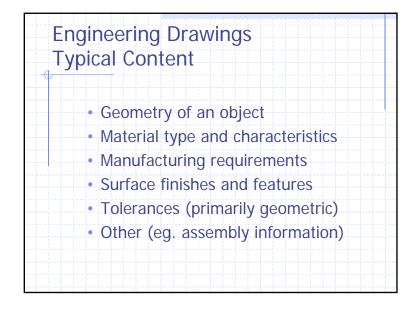


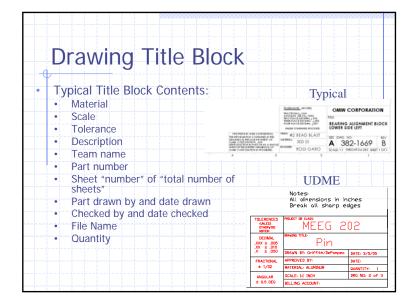


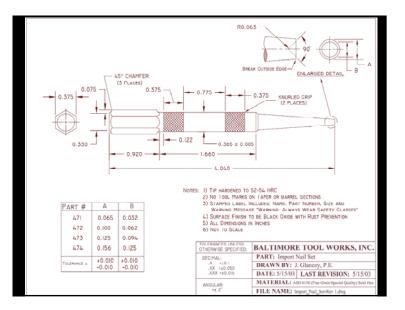


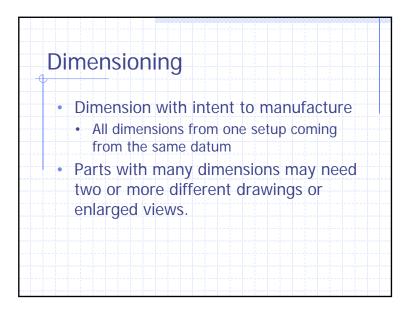






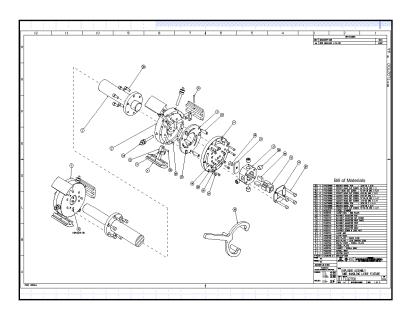


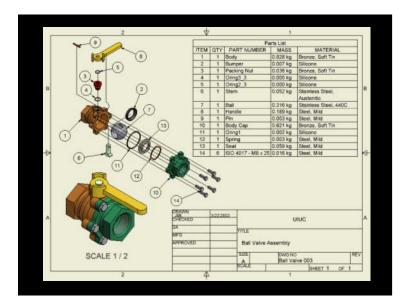


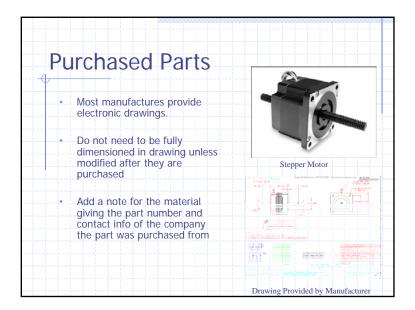


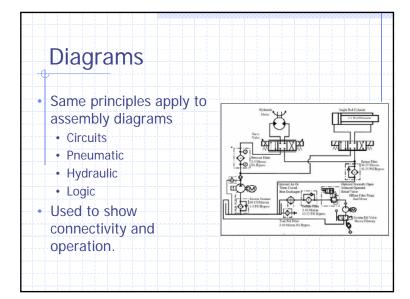
Bil	I of Materials
•	Bill of Materials Contents: • Part No.
	Quantity     Material/Stock Size     Sheet #     Source
•	Bill of Materials are needed for each full and sub assembly
•	If the same part appears in multiple subassemblies it only needs to appear once in the drawing package.
•	Common format: Table with Columns
•	Typically included on the assembly drawing.

	ngineering Drawings he Legal Context
•	Engineering Drawing:
	• Binding document or set of documents that disclosed graphically and in text the form and function of an object.
	<ul> <li>Legally binding if created by or approved (i.e. stamped) by a professional engineer.</li> </ul>

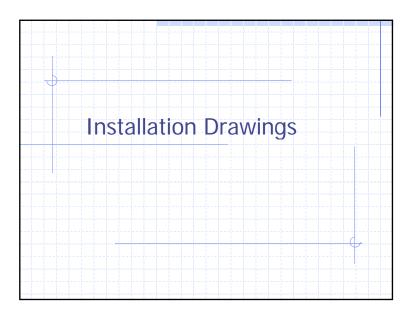


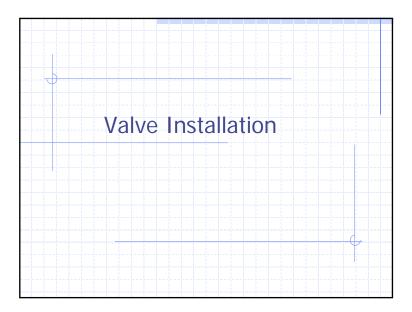












Installation Drawing Requirements
<ul> <li>Necessary to insure proper installation of a new design.</li> <li>Adapting into or onto an existing system.</li> <li>Demolition</li> <li>Modifications (holes, cutouts, etc.)</li> </ul>
Can integrate/illustrate several sub-systems (mechanical, electrical, controls, etc.).

