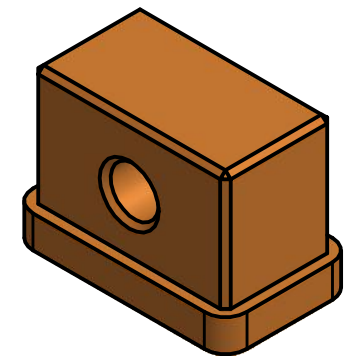
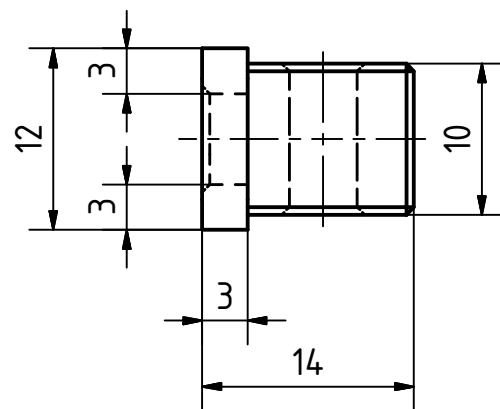
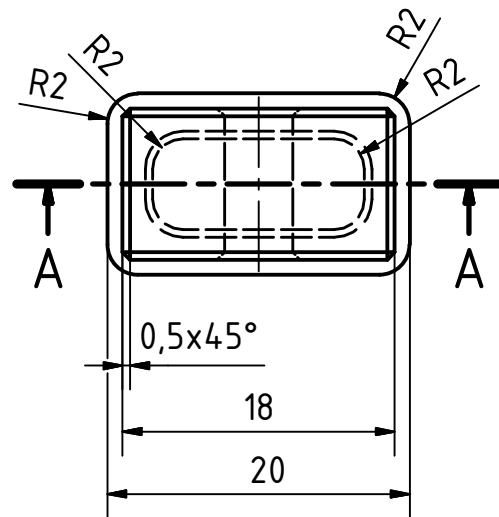
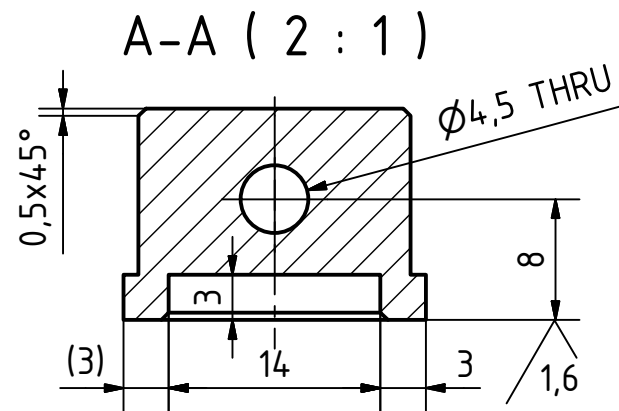


3,2 (✓)



Break Sharp Edges: 0,1 mm

Revision	Date	Description
Engineered by:	Name:	Date:
C. Woodson	Designer: Galba, J.	18/12/2010
Approved:	Galba, J.	18/12/2010
Project: P0003	Material:	Bronze, Soft Tin
Miniature Steam Engine	Total Mass:	0,020 kg

Title:
Vertical Steam Engine with Reverse Gear (anno 1830)
Steam Chest Slide Valve
000.035

Corresponding symbols		▽	▼	▽▽	▼▼	▽▽▽	▼▼▼											
Roughness Classes (NBN 88-02) (ISO 1302)	N11	N10	N9	N8	N7	N6	N5	N4										
Roughness Value "Ra" in µm (NBN 88-02) (ISO 1302)	25	12,5	6,3	3,2	1,6	0,8	0,4	0,2										
Allowable deviations for dimensions without tolerance indication (machined surfaces)																		
For measurements (deviations in mm)				Filletes and chamfers			Angles (in ° and ')											
Accuracyclass (ISO 2768.1)	Dimensions in mm								Dimensions in mm			Length of the shortest leg						
	0,5 to 3	>3 to 6	>6 to 30	>30 to 120	>120 to 400	>400 to 1000	>1000 to 2000	>2000 to 4000	0,5 to 3	>3 to 6	>6 to 30	>30 to 120	>120 to 400	to 10	>10 to 50	>50 to 120	>120 to 400	above 400
f Fine	±0,05	±0,05	±0,1	±0,15	±0,2	±0,3	±0,5	±0,8	±0,2	±0,5	±1	±2	±4	±1°	±30'	±20'	±10'	±5'
m Medium	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2										
c Rough	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3	±4	±0,4	±1	±2	±4	±8	±1°30'	±1°	±30'	±15'	±10'
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8										

Drawingnumber: P0003 - 000.035	Sheet: 0001
Design State: Released	Drawing made with autodesk Inventor Revisions only permitted by CAD