



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:	Brass, Soft Yellow
Miniature Steam Engine	Total Mass:	0,087 kg

Title:  
Vertical Steam Engine with Reverse Gear (anno 1830)  
Lower Cylinder Cover  
000.005

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)								
Accuracyclass (ISO 2768.1)	For measurements ( deviations in mm )							
	Dimensions in mm							
	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
f Fine	±0,05	±0,05	±0,1	±0,15	±0,2	±0,3	±0,5	±0,8
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
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8

Drawingnumber: P0003 - 000.005	Sheet: 0001
Design State: Released	Drawing made with autodesk Inventor Revisions only permitted by CAD

This document is for educational purposes only and property of Inventor Wizard.  
It shall not without our permission be altered, copied, used for manufacturing or  
communicated to any other person or company.