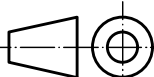



X							
Revision	Date	Description					
Engineered by:				Name:	Date:	Scale: 1:1	
			Designer:	Galba, J.	19/12/2009	SheetSize: A3	
			Approved:	Galba, J.	19/12/2009		
Project: Miniature Model Air Engine						Material: Wood (Oak)	
						Total Mass: 0.549 kg	
Title: Vertical Stirling Engine with Glass Dome Standard							
 InventorWizard.be/.nl			Drawingnumber:				Sheet: 0001
			Design State: Released				Drawing made with autodesk Inventor Revisions only permitted by CAD

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 )									Fillets and chamfers
Accuracyclass (ISO 2768.1)	Dimensions 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	0,5 to 3
f Fine	±0,05	±0,05	±0,1	±0,15	±0,2	±0,3	±0,5	±0,8	±0,2
m Medium	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±0,5
c Rough	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3	±4	±1
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8	±2
									Angles ( in ° and ' )
									Length of the shortest leg
									to 10
									>10 to 50
									>50 to 120
									>120 to 400
									above 400
									±1°
									±30'
									±20'
									±10'
									±5'
									±1°30'
									±1°
									±30'
									±15'
									±10'
									±3°
									±2°
									±1°
									±30'
									±20'

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.

