



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.

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)									Fillet 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'
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	±0,4	±1	±2	±4	±8	±1°30'	±1°	±30'	±15'	±10'
														±3°	±2°	±1°	±30'	±20'

Break Sharp Edges: 0,1 mm

Revision		Date	Description	
Engineered by:		Name:	Date:	Scale: 1:1
Designer:		Galba, J.	13/02/2010	SheetSize: A3
Approved:		Galba, J.	13/02/2010	
Project:				Material: Steel
Miniature Steam Engine				Total Mass: 0.187 kg
Title:				
Vertical Twin Steam Engine with Reverse Gear Standard Rib				
Drawingnumber:			Sheet: 0001	
Design State:			Released	

