

Break Sharp Edges: 0,1 mm


Revision	Date	Description
Engineered by:		
	Name:	Date:
Designer:	Galba, J.	13/02/2010
Approved:	Galba, J.	13/02/2010
		Scale: 1:1
		SheetSize: A3
Project:		
Miniature Steam Engine		Material: Copper
		Total Mass: 0.075 kg

Title:		Vertical Twin Steam Engine with Reverse Gear Cylinder Piping Tube Exit			
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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	>3	>6	>30	>120	>400	>1000	>2000	0,5	>3	>6	>30	>120	to 10	>10	>50	>120	above 400	
	to 3	to 6	to 30	to 120	to 400	to 1000	to 2000	to 4000	to 3	to 6	to 30	to 120	to 400		to 50	to 120	to 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											±3°

 InventorWizard.be/.nl	Drawingnumber:	Sheet: 0001
	Design State: Released	Drawing made with autodesk Inventor Revisions only permitted by CAD

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