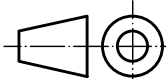



Break Sharp Edges: 0,1 mm

Revision	Date	Description				
Engineered by: C. Woodson			Name:	Date:	Scale: 2/1	
		Designer:	Galba, J.	18/12/2010	SheetSize: A3	
		Approved:	Galba, J.	18/12/2010		
Project: P0003					Material: Aluminum-6061	
Miniature Steam Engine					Total Mass: 0,006 kg	
Title: Vertical Steam Engine with Reverse Gear (anno 1830) Eccentric 000.037						
 InventorWizard.be/.nl		Drawingnumber: P0003 - 000.037				Sheet: 0001
		Design State: Released				Drawing made with autodesk Inventor Revisions only permitted by CAD

Corresponding symbols								
Roughness Classes (NBN 88-02) (ISO 1302)								
Roughness Value "Ra" in µm (NBN 88-02) (ISO 1302)								
	N11	N10	N9	N8	N7	N6	N5	N4
	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)								
Accuracyclass (ISO 2768.1)	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
Fillet and chamfers								
Dimensions in mm								
	0,5 to 3	>3 to 6	>6 to 30	>30 to 120	>120 to 400			
	±0,2	±0,5	±1	±2	±4			
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'			

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