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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 )									Filletts 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´	±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											±1°30´	±1°	±30´	±15´
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8	±0,4	±1	±2	±4	±8		±3°	±2°	±1°	±30´	±20´			

Revision		Date	Description	
Engineered by:		Name:	Date:	Scale: 1:1
Designer:		Galba, J.	1/12/2010	SheetSize: A3
Approved:		Galba, J.	1/12/2010	
Project:				Material: Aluminum-6061
Miniature Model Steam Engine				Total Mass: 0.327 kg
Title:				
Horizontal Beam Engine with Centrifugal Pump				
Centrifugal Pump Housing				
Drawingnumber:				Sheet: 0001
Design State:				Drawing made with autodesk Inventor Revisions only permitted by CAD
Released				