

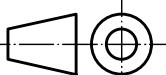
3,2 (✓)

A-A (1 : 1)

B (2 : 1)

M5x0.8 - 6H
✓ Ø5 X 90,00°

Break Sharp Edges: 0,1 mm

Revision	Date	Description
Engineered by:		
	Name:	Date:
Designer:	Galba, J.	17/07/2010
Approved:	Galba, J.	17/07/2010
		Scale: 1:1
		SheetSize: A3
		
Project:		Material: Stainless Steel
Miniature Model Hot Air Engine		Total Mass: 0.566 kg

Title:		Drawingnumber:		Sheet:	
Horizontal Stirling Engine				0001	
Heat Exchange Cylinder		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)		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´
m Medium	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±0,4	±1	±2	±4	±8	±1°30´	±1°	±30´	±15´	±10´
c Rough	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3	±4						±3°	±2°	±1°	±30´	±20´
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8										