



Break Sharp Edges: 0,1 mm

Revision	Date	Description	Engineered by:		Name:	Date:	Scale: 2:1	
			Designer:	Galba, J.	1/12/2010	SheetSize: A3		
			Approved:	Galba, J.	1/12/2010			
Project:							Material: Wood (Pine)	
Miniature Model Steam Engine							Total Mass: 0.004 kg	

Title:
Horizontal Beam Engine with Centrifugal Pump
Wood Pin
D6 L40

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)																			
Accuracyclass (ISO 2768.1)	For measurements (deviations in mm)								Fillet and chamfers				Angles (in ° and ')						
	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	±0,2	±0,5	±1	±2	±4	±1°30'	±1°	±30'	±15'	±10'	
c Rough	±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3	±4	±0,4	±1	±2	±4	±8	±3°	±2°	±1°	±30'	±20'	
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8											

	Drawingnumber:	Sheet: 0001
	Design State: Released	Drawing made with autodesk Inventor Revisions only permitted by CAD

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