


Break Sharp Edges: 0,1 mm

X		
Revision	Date	Description
Engineered by:		
	Name:	Date:
Designer:	Galba, J.	19/12/2009
Approved:	Galba, J.	19/12/2009
		Scale: 10:1
		SheetSize: A3
Project:		Material: Brass, Soft Yellow
Miniature Model Air Engine		Total Mass: 0.002 kg

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'			



Drawingnumber:

Design State:

Released

Sheet:

0001

Drawing made with  
autodesk Inventor  
Revisions only  
permitted by CAD