



Break Sharp Edges: 0,1 mm

Revision	Date	Description
Engineered by: Galba, J.		Name: Galba, J. Date: 26/03/2011 Scale: 2:1 SheetSize: A3
Project: Miniature Model Engine		Material: Stainless Steel Total Mass: 0,095 kg

Title: 6 Cylinder - Radial Engine (Pneumatic) Crankshaft	
Drawingnumber:	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	$\pm 0,05$	$\pm 0,05$	$\pm 0,1$	$\pm 0,15$	$\pm 0,2$	$\pm 0,3$	$\pm 0,5$	$\pm 0,8$
m Medium	$\pm 0,1$	$\pm 0,1$	$\pm 0,2$	$\pm 0,3$	$\pm 0,5$	$\pm 0,8$	$\pm 1,2$	± 2
c Rough	$\pm 0,2$	$\pm 0,3$	$\pm 0,5$	$\pm 0,8$	$\pm 1,2$	± 2	± 3	± 4
v Very Rough	-	$\pm 0,5$	± 1	$\pm 1,5$	$\pm 2,5$	± 4	± 6	± 8