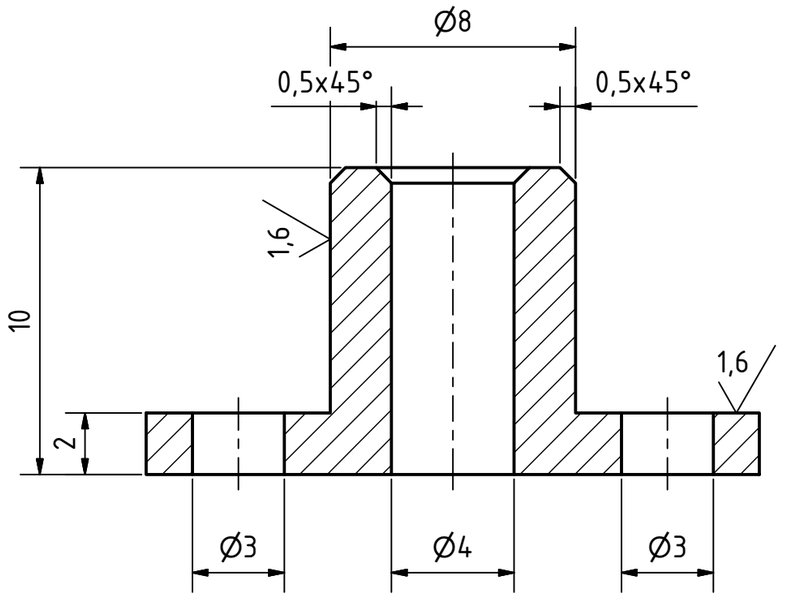
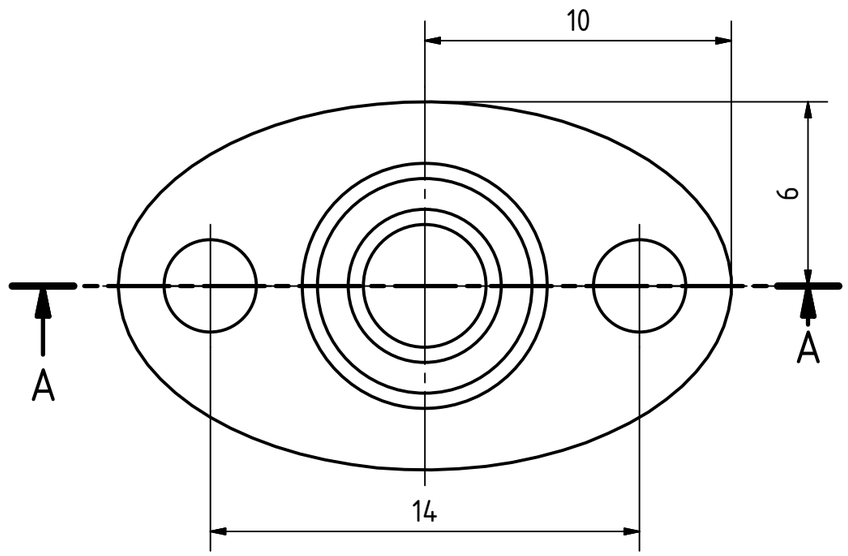
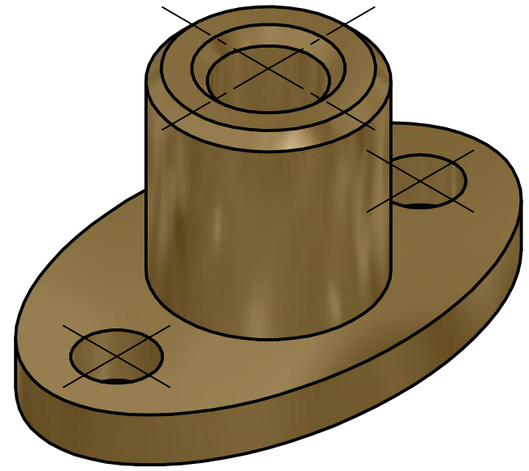
3,2

A-A (5 : 1)







Break Sharp Edges: 0,1 mm

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) Dimensions in mm								Fillets and chamfers Dimensions in mm					Angles (in ° and ') 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	±0,4	±1	±2	±4	±8	±1°30'	±1°	±30'	±15'	±10'
v Very Rough	-	±0,5	±1	±1,5	±2,5	±4	±6	±8						±3°	±2°	±1°	±30'	±20'

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Revision	Date	Description

Engineered by:		Name:	Date:	Scale: 5 : 1
C. Woodson	Designer:	Galba, J.	18/12/2010	SheetSize: A3
	Approved:	Galba, J.	18/12/2010	

Project: P0003

Miniature Steam Engine

Material: Brass, Soft Yellow

Total Mass: 0,005 kg

Title:

Vertical Steam Engine with Reverse Gear (anno 1830)
Glands
000.012

InventorWizard be/nl

Drawingnumber: P0003 - 000.012

Sheet: 0001

Design State: Released

Drawing made with autodesk Inventor Revisions only permitted by CAD