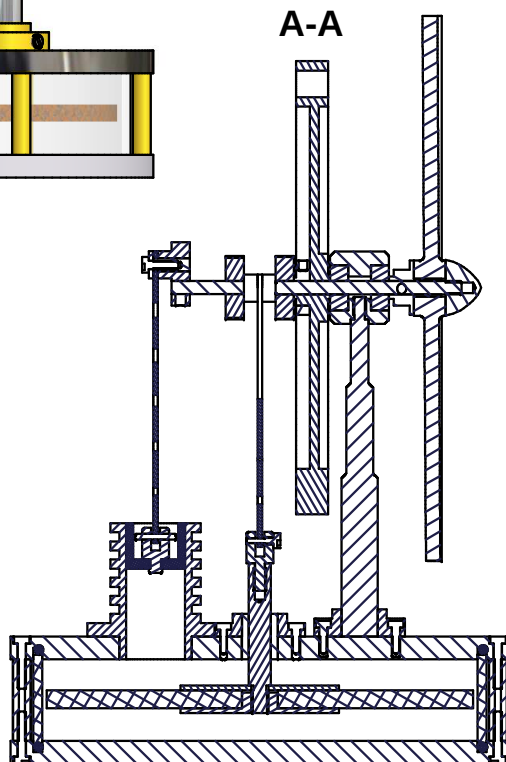
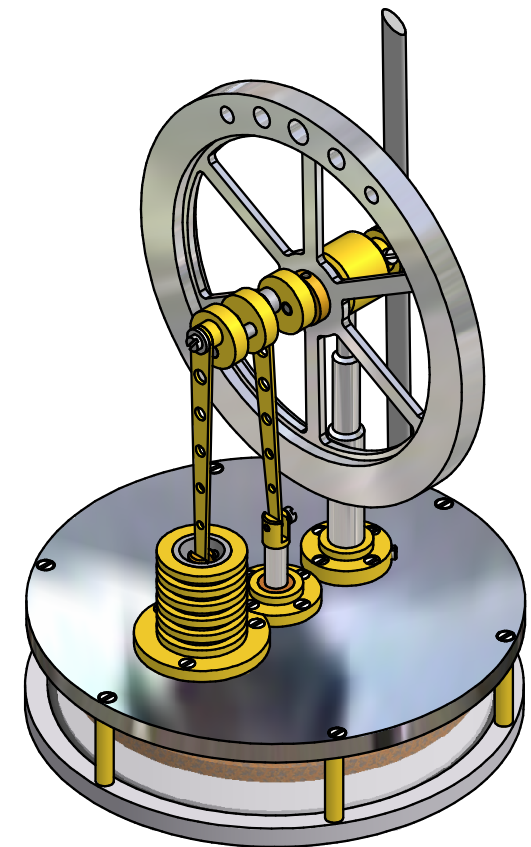
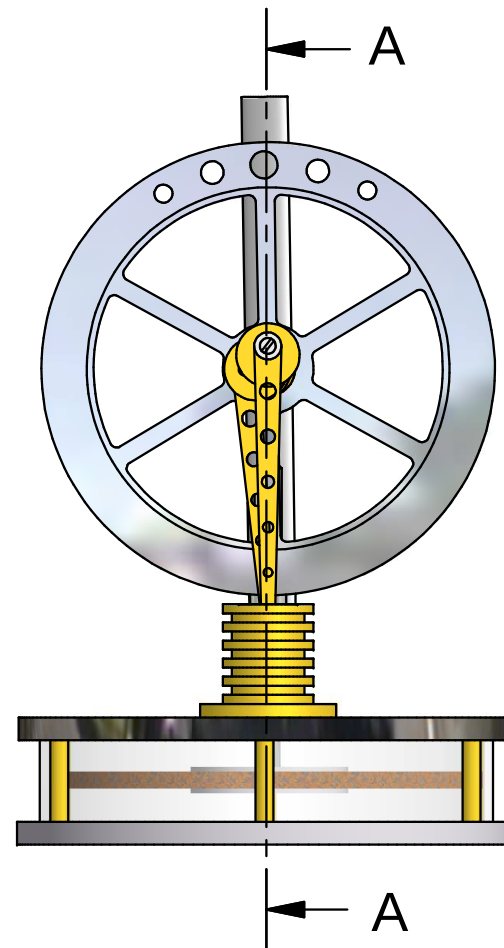
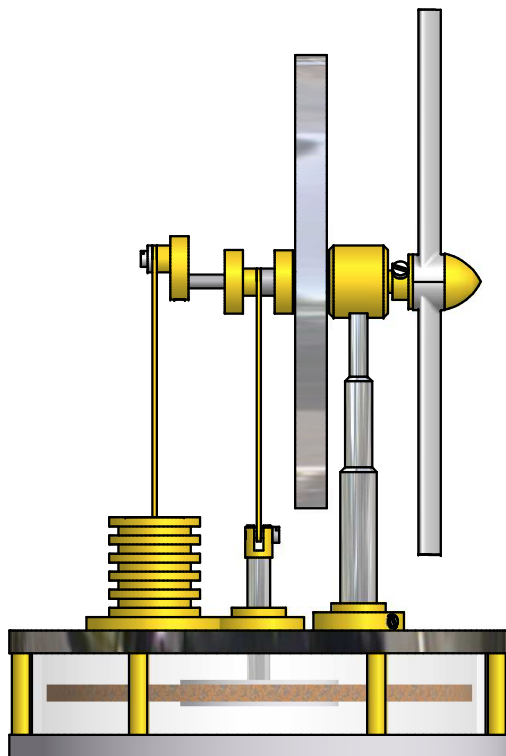
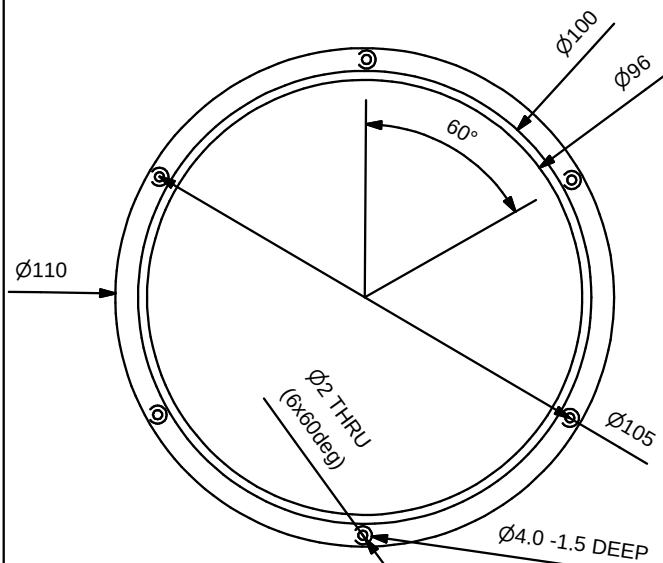
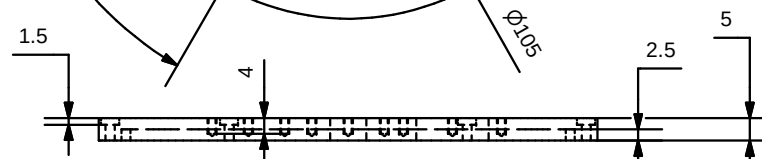
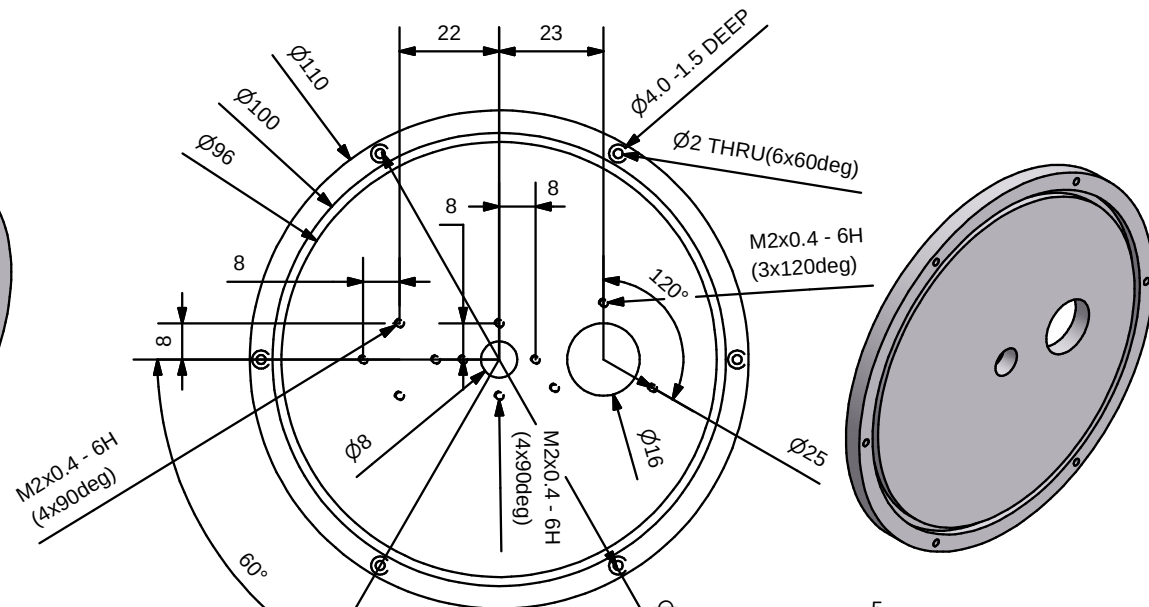




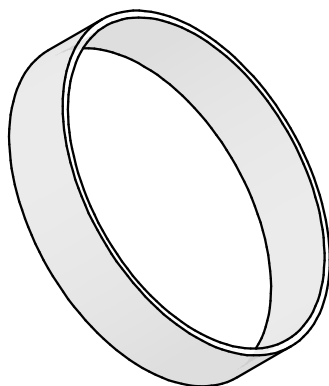
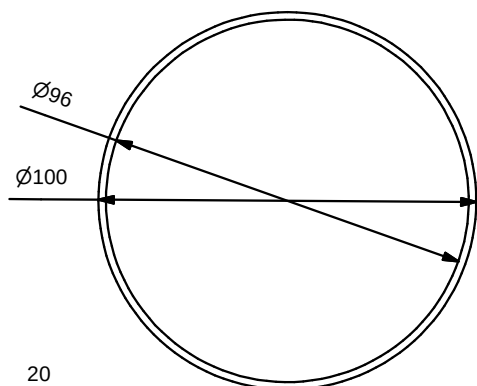
J  R	Koffiekop Stirling Coffee cup Stirling	
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Get./Drawn J. Ridders	Format: A4	Update: Oct-17-2007
	Scale: no scale	Blad/Sheet: 1 van/from 5
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Lower plate displacer-cylinder (Alu)

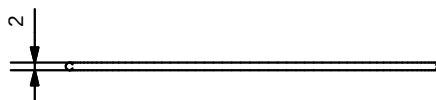
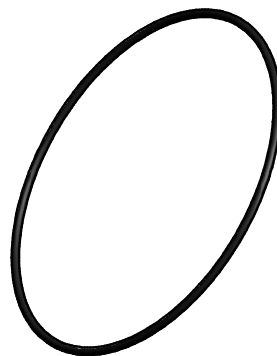


Upper plate displacer-cylinder (Alu)



Displacer cylinder (transparent or opaque plastic)

Keep close to these diameters; if necessary adapt reference dimensions (plates & sealing rings) to the available material



Sealing ring (2x)

Cut from silicone rubber hose (seal cut-faces with few silicone kit)

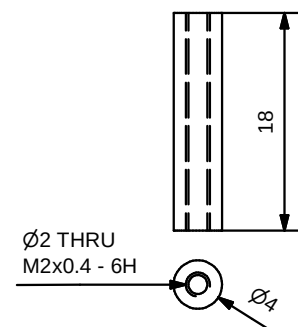
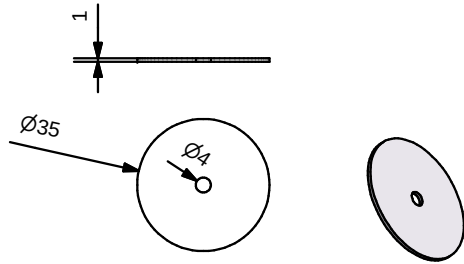
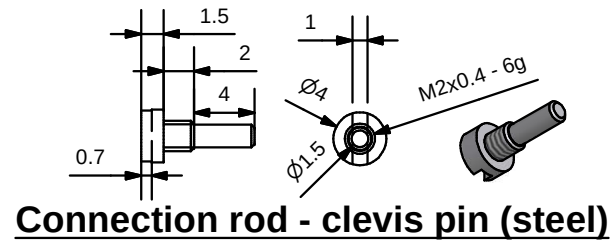


Plate-fixing spacers (6xsteel)

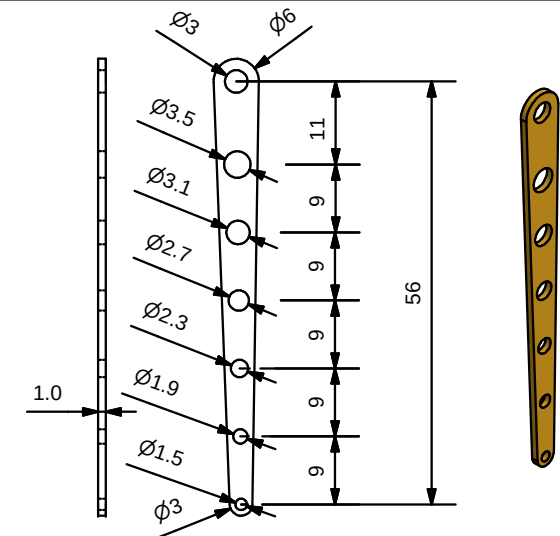
J  R	Koffiekop Stirling Coffee cup Stirling	
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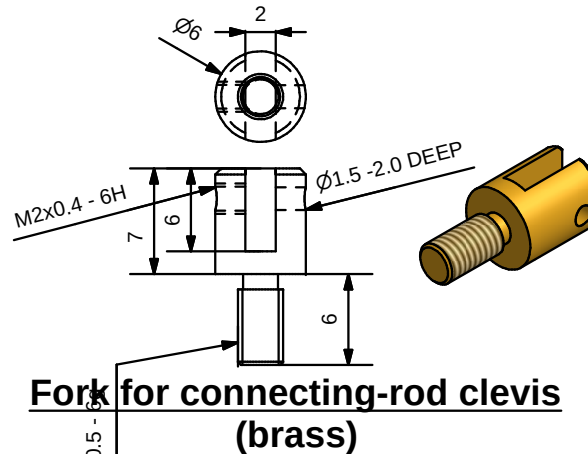
Upper displacer flange (Alu)



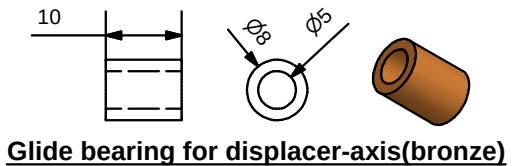
Connection rod - clevis pin (steel)



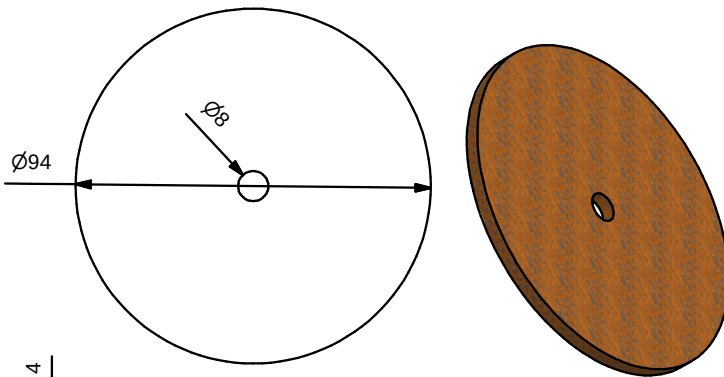
Connecting-rod clevis (brass)



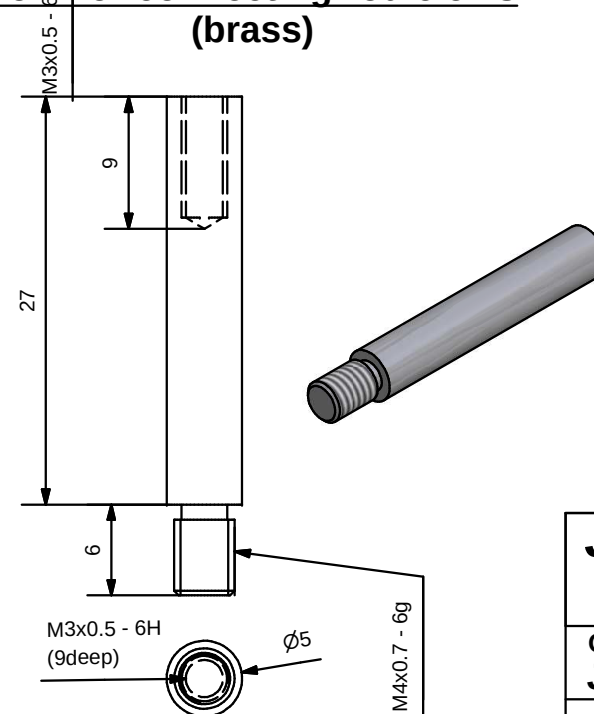
Fork for connecting-rod clevis (brass)



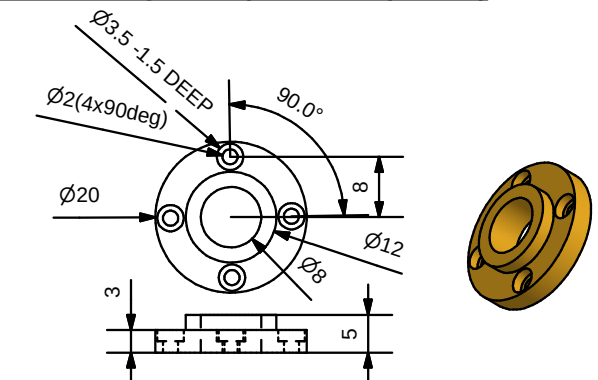
Glide bearing for displacer-axis (bronze)



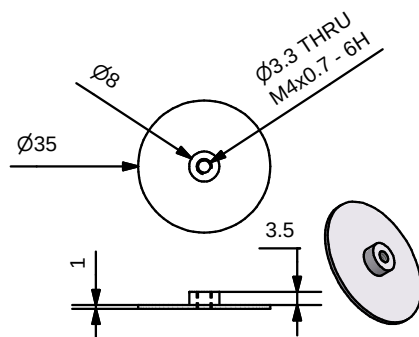
Displacer (Balsa wood or straight flat polystyrene)



Displacer piston rod (steel)

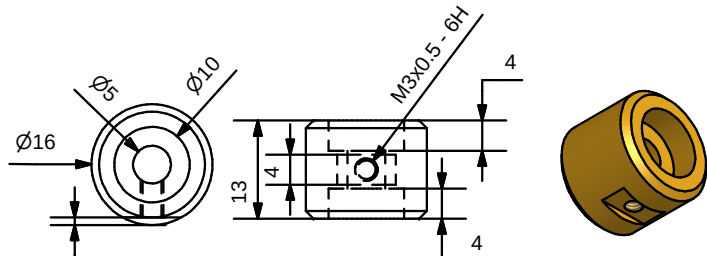


Body for glide bearing (brass)



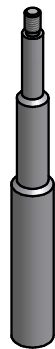
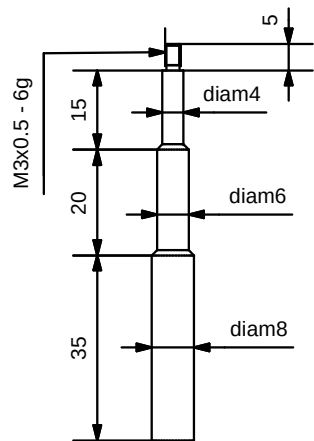
Lower displacer flange (Alu)

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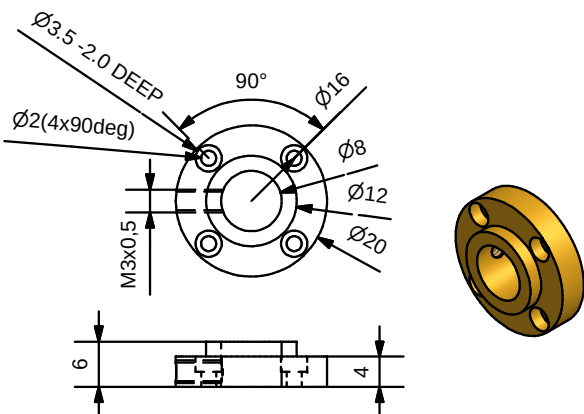


Body for ball bearings (brass)

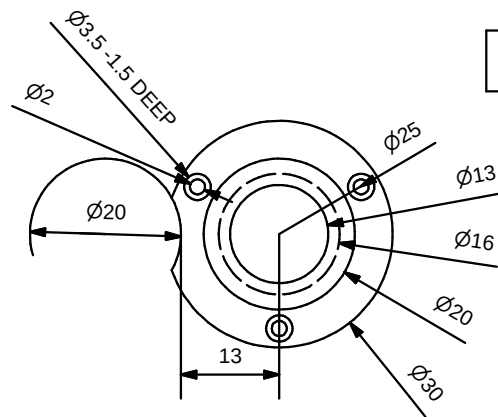
Ball bearings 10x3 / 4 mm (2x)



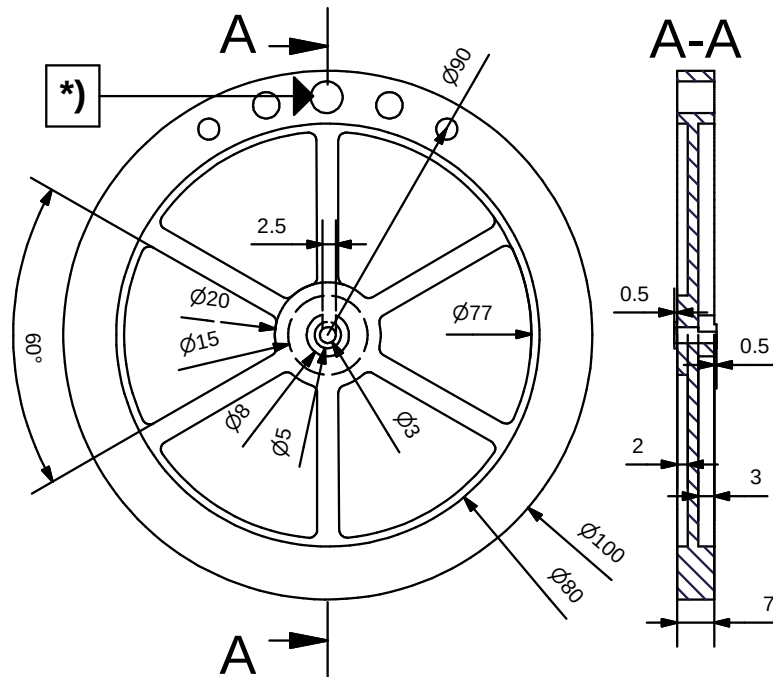
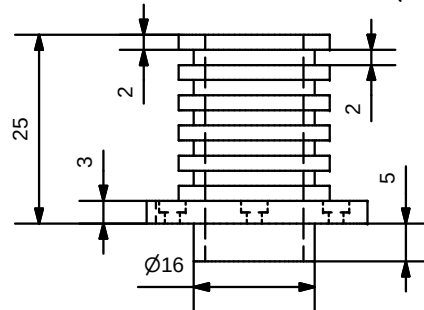
Stand for body ball bearings (Alu)



Fixing piece for stand (brass)

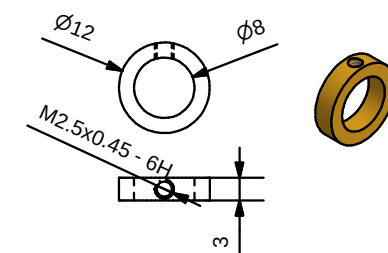


Cylinder for work piston (brass)



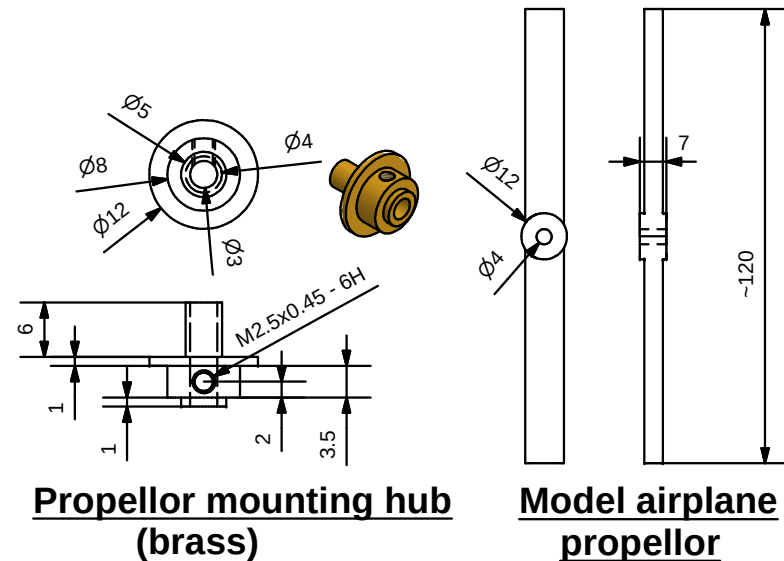
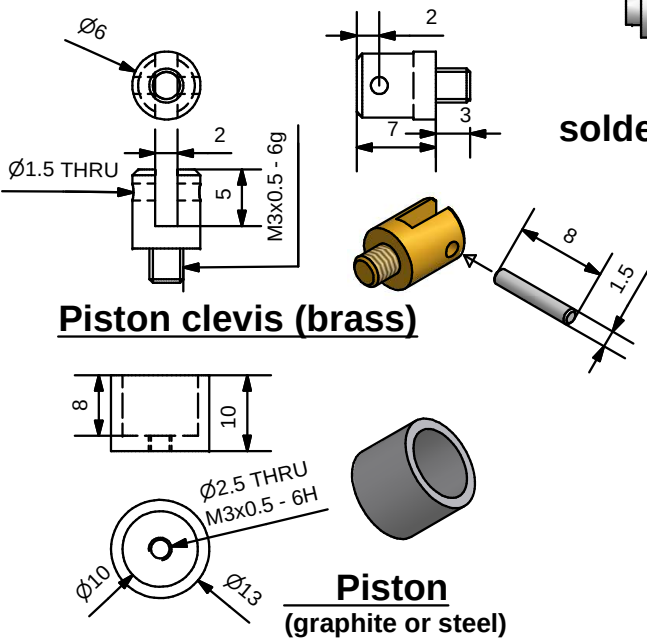
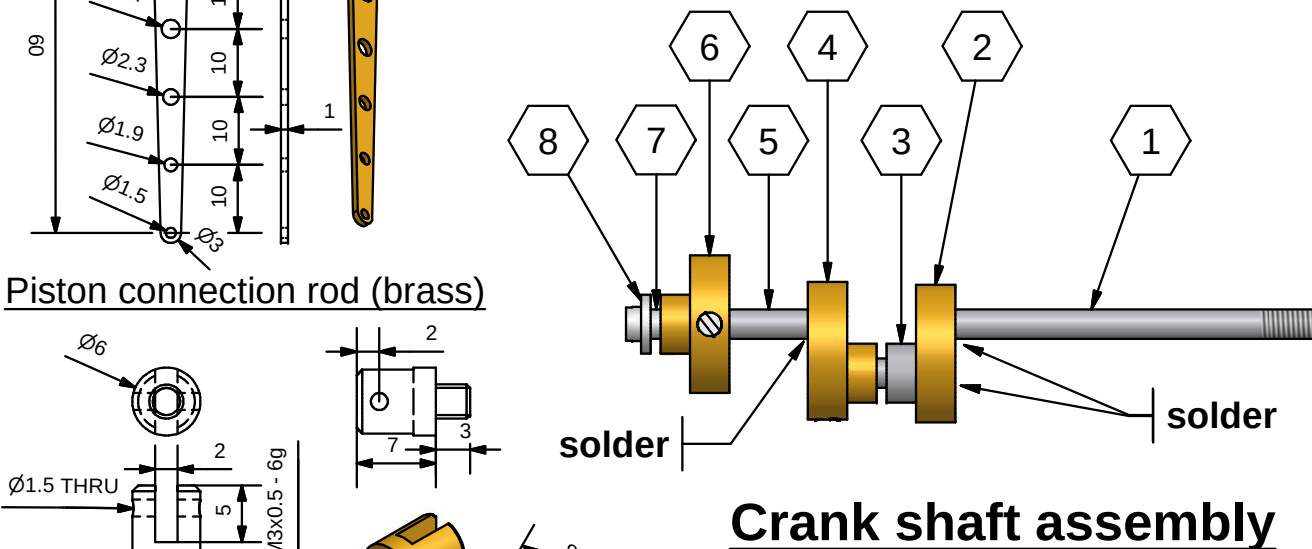
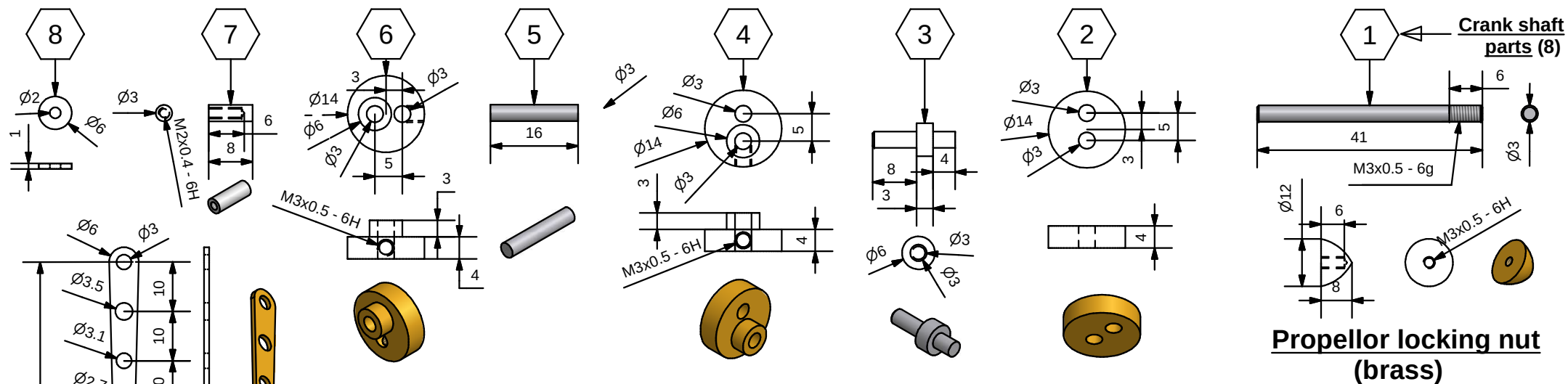
Fly wheel (Alu)

*) Holes for balancing the hole system mechanically on the spot: balance with complete assembled system but with removed bottomplate (!) to avoid air-pressure influence. Enlarge the holes gradually until the flywheel stops at random positions. Mark the relative position of flywheel to crank shaft.



Ring for fixing fly wheel to his axis (brass)

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J  R	Koffiekop Stirling Coffee cup Stirling	
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Get./Drawn J. Ridders	Format: A4	Update: Oct-17-2007
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