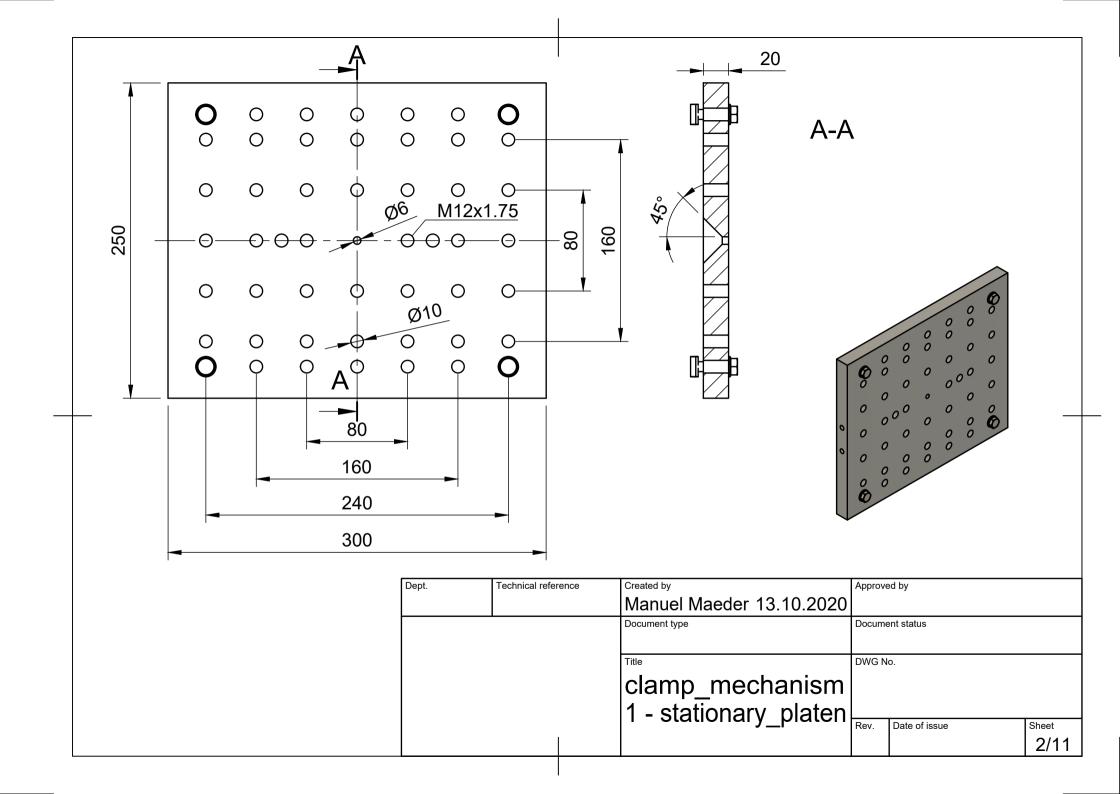
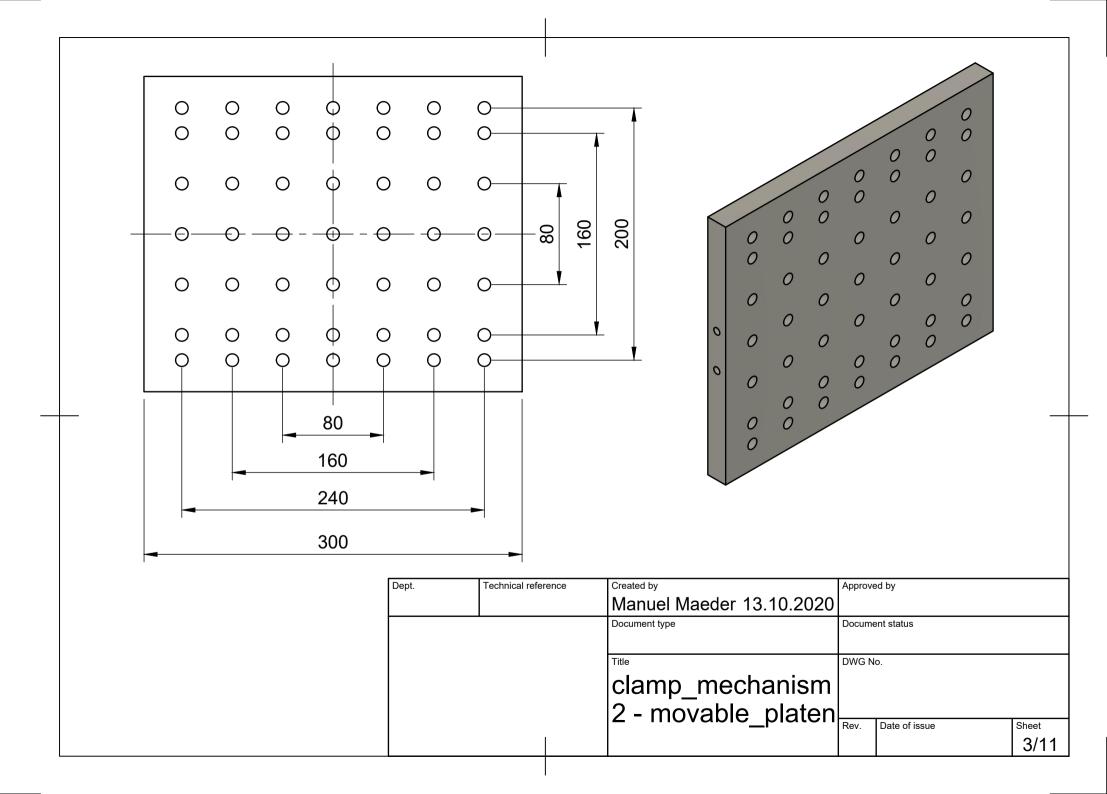
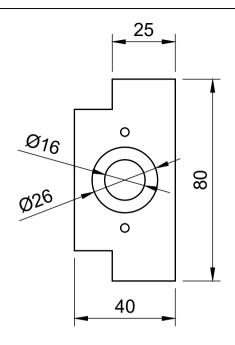
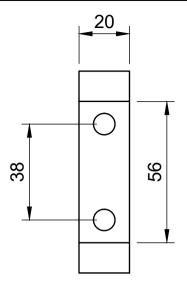


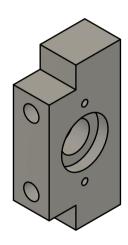
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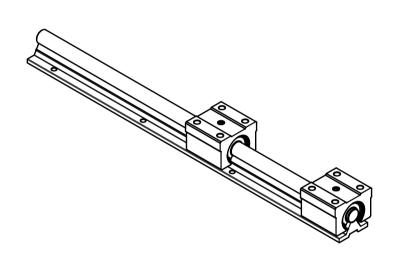




Holds the bearings and transmits the clamping force through the bearings to the stationary platen. bearings are on both sides for being able to push, as to pull.

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		Manuel Maeder 13.10.2020			
		Document type	Docum	ent status	
		Title	DWG N	lo.	
		clamp_mechanism			
		3 - bearing_block			
		o bearing_blook	Rev.	Date of issue	Sheet
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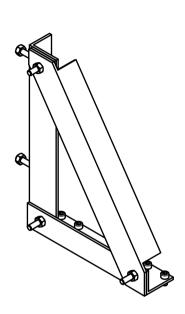


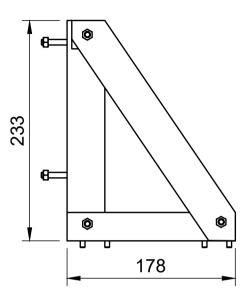


On these guides the movable platen rolls back and forth in order to close and open the mould.

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		Document type	Document status
		Title	DWG No.
		clamp_mechanism	
		4 - movable_plater	
		Tho vable_plater	Rev. Date of issue Sheet

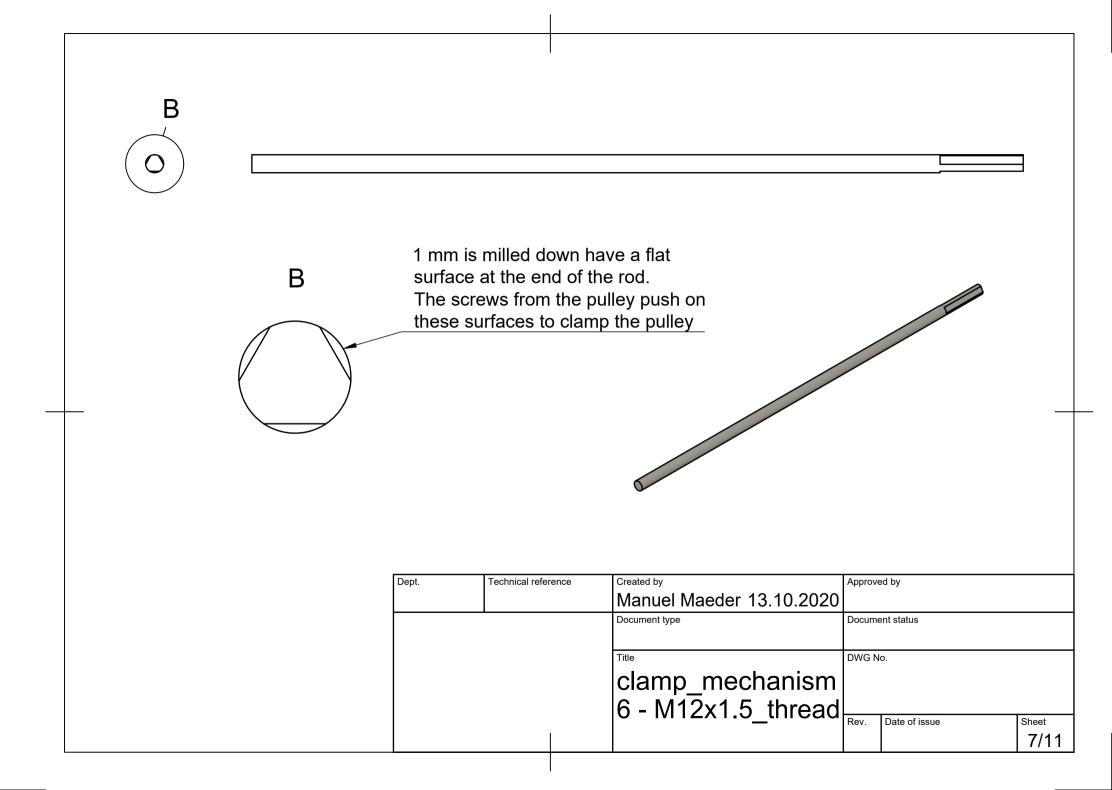


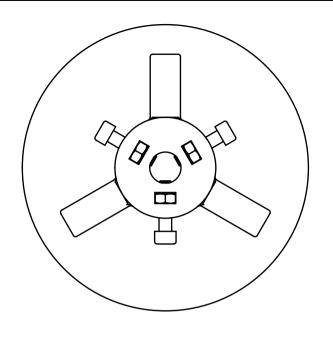


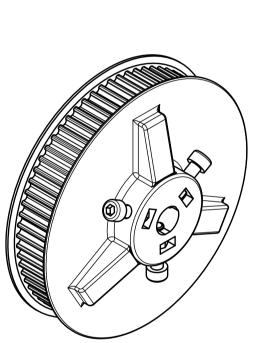


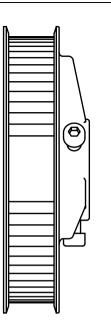
The actual sizes arent really important. The profiles need to give a solid fixture to the movable platen. This can have different type of shapes, it just needs to fulfill this function.

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		Document type	Document status
		Title	DWG No.
		clamp_mechanism	
		5 - aluminum frame	
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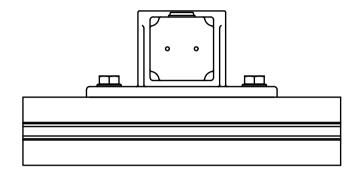


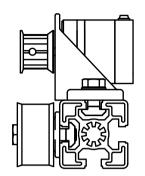


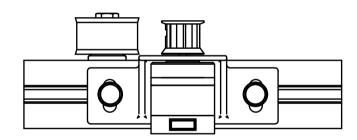


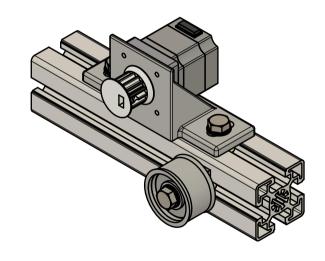
The screws fix the pulley on the thread and transmit the torque. Therefore it is adjustet do be strong enough when 3d printed.

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		clamp_mechanism			
		7 - big pulley			
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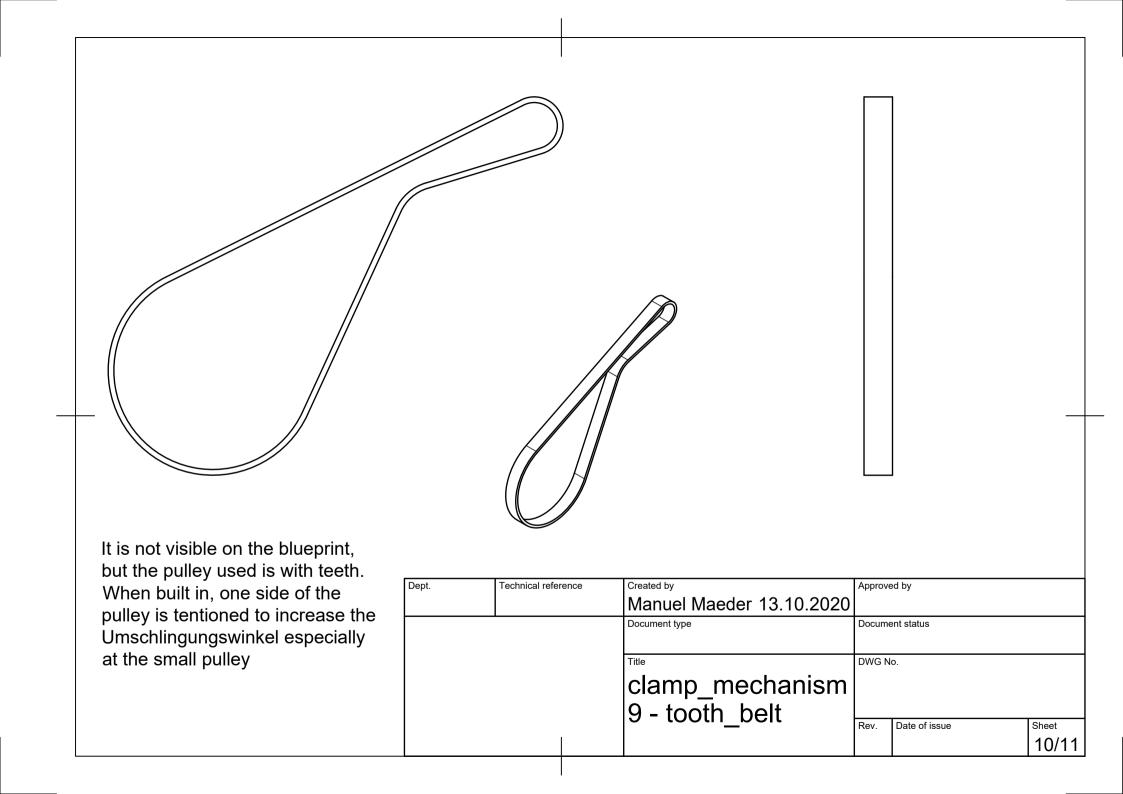


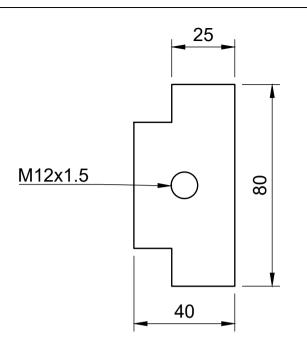




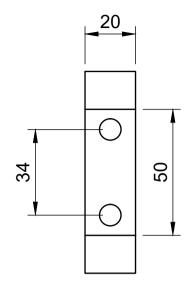
The motors make the threads rotate. The pulleys used for that get tentioned by the bearing mounted to the alu profile.

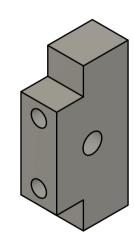
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		8 - NEMA17 and mount			
		0 - NEWAT _and_mount	lii iy Rev.	Date of issue	Sheet
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This part creates a linear movement out of the rotational movement of the thread. It transmits the force to the clamping movable platen





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			10 - thread block			
			10 tilloud_block	Rev.	Date of issue	Sheet
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