

RAM PUMP CUSTOM VALVE

Shopping list

2" T

-for the main body



2" to „size of your ram pump“ reduction

--that means if your ram pump is 1“, then buy 2“ to 1“ reduction for connecting the valve to your rampump



1x 2" to 1" BRASS reduction

- for the upper part of the valve, the brass reduction is precisely done and makes a good sealing for the piston



2" to 1" reduction

-for the bottom part of the pump to attach the two plugs



2x 1" plug

- to make plug of the bottom part

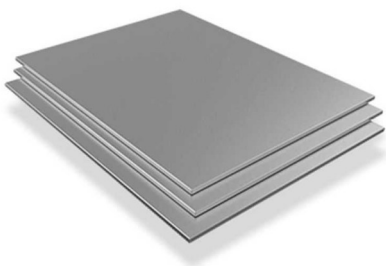
- make a hole in the inner one that corresponds with the size of the piston thread rod (M10)



Very thick metal plate, stainless steel

- for the bridge

- could be anything, but should be thick because it has to lead the piston rod and to bear the movement of the piston



10mm thread rod

- as a main piston, should be long enough, from 1 meter you can build 3 valves



2x M6x70 screw

- for the bridge



4x M6 nut

- for the bridge

- optional: buy safety washers



4x M10 nut

-for the seal of the piston



Thick leather sealing

-for the seal of the piston

-yes, you have to cut it to exact size



Standard M10 washer, or slightly bigger

- for holding the leather

- optional if you have the right M10x30 or 10x28 washer



M10x30 washer (or 10x28, 10x29, 9x29 etc)

- or similar size
- holds the leather



Sealing tape



HOW TO BUILD THE VALVE:
https://youtu.be/1bB3o_EZRr8