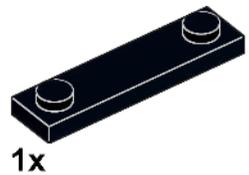
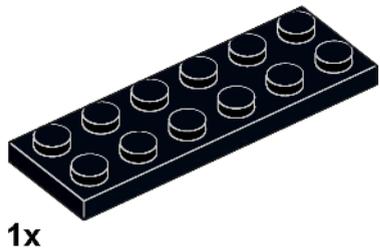
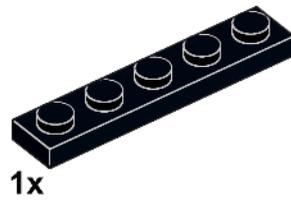
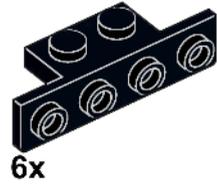
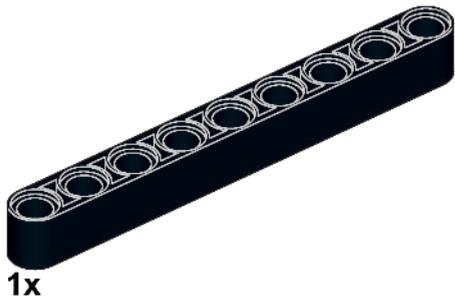
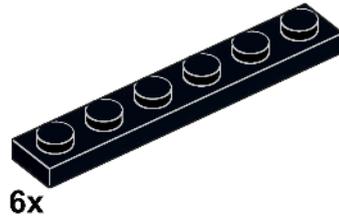
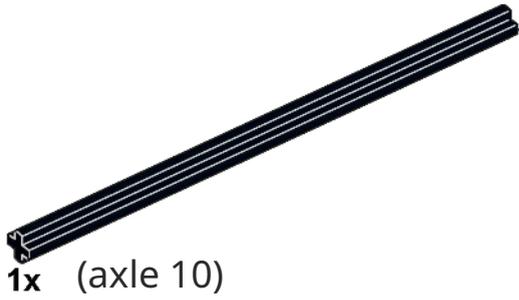
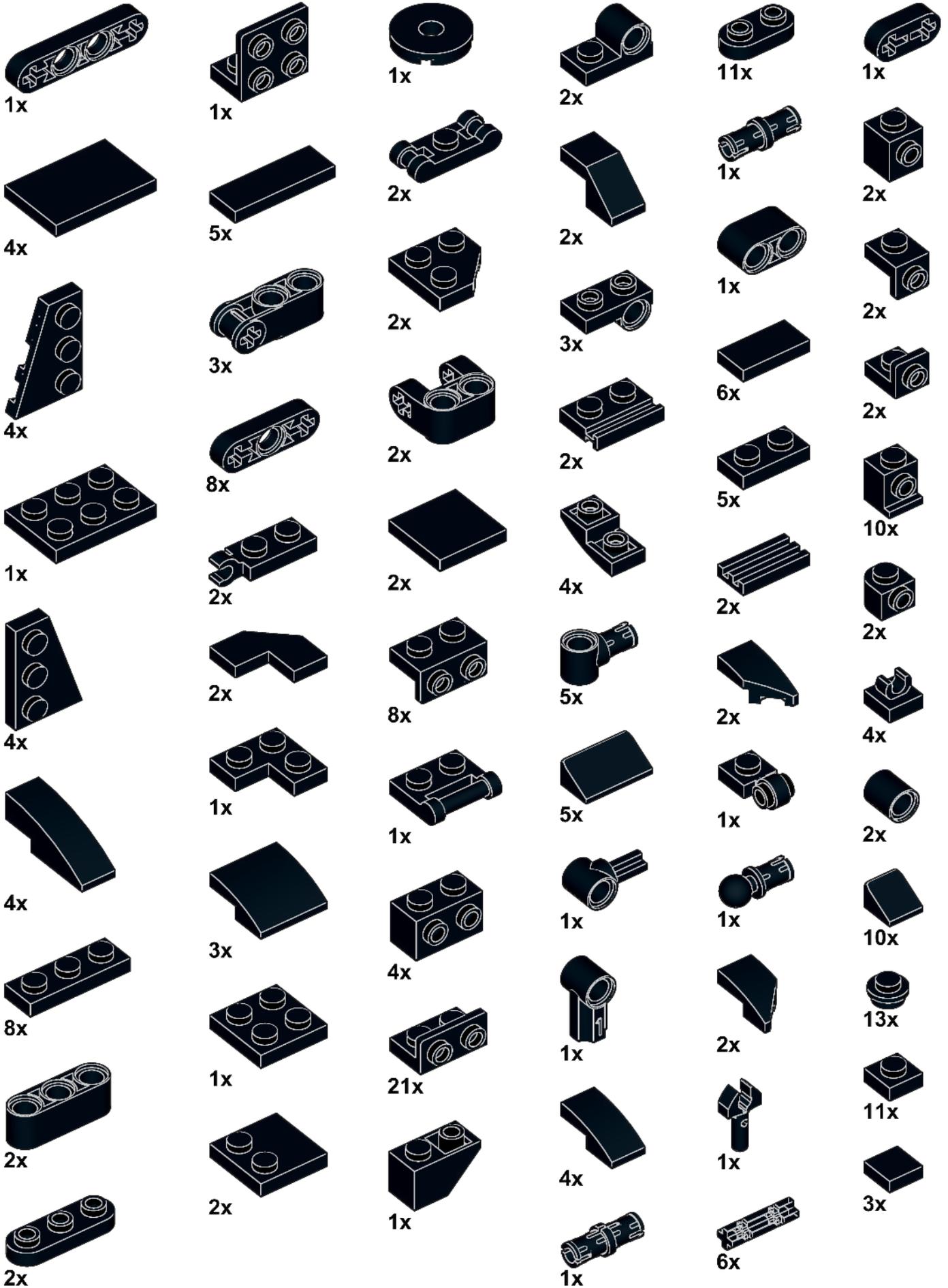


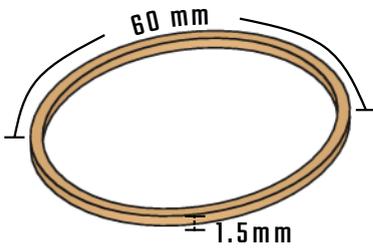
BILL OF MATERIALS





OTHER SUPPLIES

RUBBER BANDS



This rubberband propels the projectiles and is most important for the shooting characteristics. Go for rubber bands with a high rubber content and have a soft stretch. Stiff rubber band don't work very well.

Recommended dimentions are 1/16" x 2.5" (1.5mm x 60mm). This is also known as size **#16** rubber bands.

If you can get additional 1/8" (3mm) thick rubber bands of roughly the same size, this would be preferable. But they are hard to find. Hence, I only used size #16 rubber bands for this build as they are more common.

MECHANISM BAND



The small mechanism band is used exclusively for the trigger. You can use "loom" bands or hair bands. You can get them in bulk for very cheap. Alternatively, you can also use the size #16 rubberbands and just cut them to smaller size.

SPRING

For the magazine release button, a spring is needed. It can be salvaged from broken pens; if you are lucky enough to find one that fits... Second option is to simply buy them. You can find cheap assortment kits with various sizes from Amazon or Aliexpress. Just make sure the outer diameter of the spring is **< 7.8mm** and the inner diameter **> 4.8mm** so it fits nicely around an technic axle.

FIRING STRING

To complete this build you need a piece of string that is at least 30cm long (but preferably longer for some extra wiggle room).

I recommend using braided fishing line. Various other types of nylon string will work as well. From my experience the mechanism is not very sensitive to the string type, material or thickness. So you should be good with any string as long as it's not too thick, naturally, and doesn't stretch out too much over time.