In VEX, you will learn to program, build, and operate in the Vex Robotics Design system. What does it take to compete in the Vex Robotics Design System? What requirements do I need to succeed? First, you can enter the VRC competition season with relative ease at robotevents.com (preferably before that year’s season) and registering a VCR Team.. The weight to strength ratio is higher for aluminum. The steel c-channels are technically stronger but you going to have to make up for that strength in weight therefore your robot will be much heavier. Each year there several base designs, such as claw-bots, rollers, of flip-backs. These designs can be tweaked to fit your precise measurements, your intake will determine the individuality the most; okay your best bet is to jest use nuts and tighten them securely, but I do realize that Nykock bolts may be necessary in circumstances.. You need to look at the Win Points in each match to ensure your alliance’s odds of being successful during the elimination matches. (Don’t consider SP’s)Why can’t my robot move during the first 15 seconds of the match? The autonomous programming can become difficult because everyone has to pre-program their autonomous before the match, you will probably encounter problems during the autonomous period because once it starts, you lose the ability to control what happens thereafter. Try to make your autonomous and neutral as possible so you have the best odds of being successful in the autonomous round. ( this is the shortened version)