

Reinforced Fire Door



Reinforced Fire Door? With most of the industry going to a “composite” style door (shown on the next page), Fort Knox reinforces the door. A solid plate starts the process, followed by two layers of fire board and another layer of steel. This process gives Fort Knox more steel in the door than that of a “composite” door as well as giving us the added strength that comes from the steel radius on the edge of the door. The radius or bends in the door add strength but only if it is supported from the inside of the door with extra steel. More steel plus the radius edges make the best door in the industry. Feel the difference by opening a Fort Knox door and then a competitor’s door. You will be able to feel the difference.

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Composite Door System

Unlike Fort Knox's RFD door (discussed on the previous page), most of the safe industry is falling into the "composite door" trap. The composite door gives the appearance of a thick door with out the cost. The draw back is that you can only bend the lighter gauge material to get the composite look. Without the extra steel to support it, the door can flex, both at the doors edge as well as the handle area. Most of the companies that use the composite system will not disclose the content and construction of the door; thus making it much harder for the consumer to understand. The ultimate loser with a composite door is the consumer. They buy a product based on the perception of a thick door and solid construction, both of which stretch the reality of a composite door.



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Corner Bolts

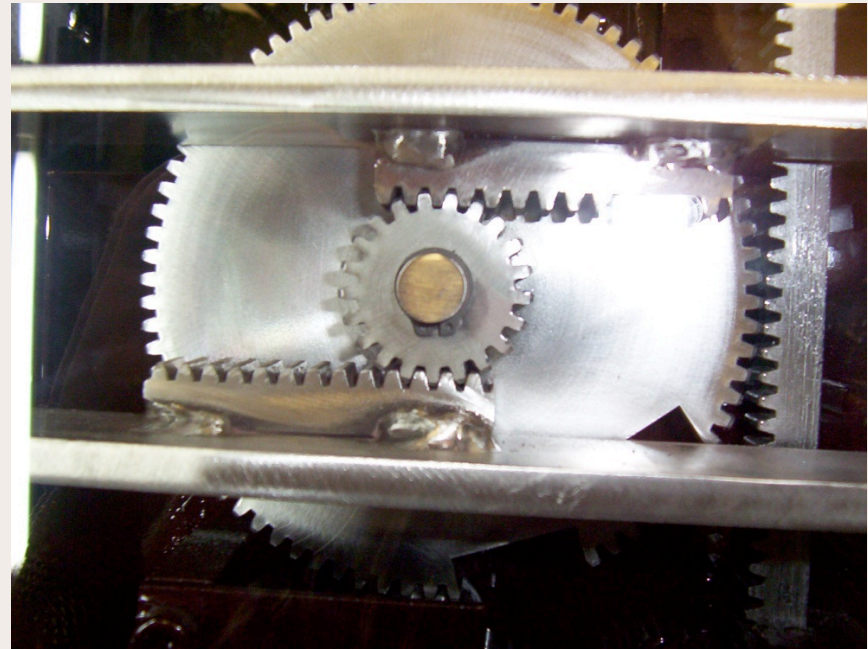
A Fort Knox patent is the corner bolt on the Guardian, Executive, Titan and Legend models. Not only does the corner bolt show very well, it lends to the security of the safe. Would be attackers primarily try to attack the safe through the handle and lock. After failing at those points they turn their attention to the corner of the door. There is extra reinforcement on the corners. There isn't a better way to truly protect the valuables in the safe, then with the corner bolts on a Fort Knox Safe.



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Gear System

Aren't all gear systems the same? No! The gear stemming from the handle can control a number of different bars and levers to open and lock the safes. The prime factor in a good gear system is how the gear teeth interlok. An accurate interlok creates a smooth system that can ultimately be felt by the smooth rotation of the handle. The Fort Knox system is the best in the industry and can be shown simply with a spin of the handle.



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Raised Floor

The simple things set Fort Knox apart from the rest. The competition uses rubber bumpers on the sharp steel edge of their box. We simply raised the floor. Now as the customer gets that box or rifle out, they can just slide it freely.

Very simple; but what a difference. The last thing you want is a chip in the finish of your rifle due to a sharp box edge.



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Tight Bolt Tolerances

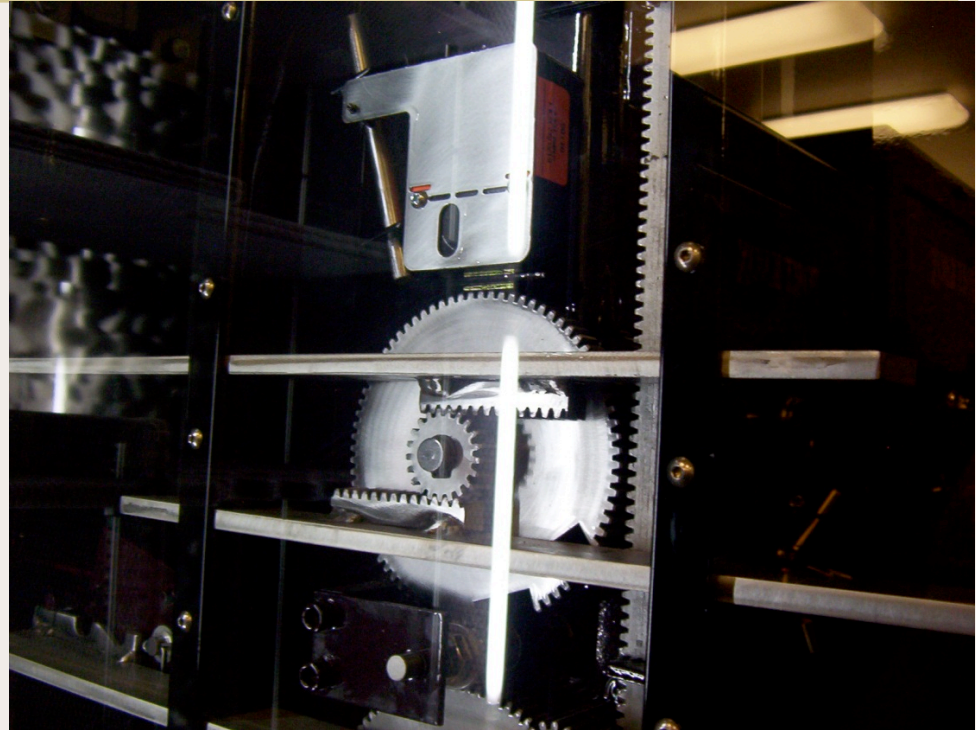
Tight bolt tolerances vs plastic bushings?
To insure the life long integrity of the Fort Knox products, we use tight bolt tolerances. These tight tolerances add to the life of the product. A tight fit of steel to steel will not wear, will stand up better in a fire and give you better long term security than that of the bushings. Plastic bushings require larger holes, will wear over time and we all know what happens to plastic in a fire. Fort Knox builds safes that will surpass the lifetime warranty!



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Reinforced Locking Plate

How could you warranty a lock for life? The only way is to build a product that will not leave the lock as the only security device. With internal relockers, external relockers and the addition of a reinforced locking plate, Fort Knox safes are the most secure... The reinforced lock plate is designed to take the pressure off of the locking bolt and transfer it into the door. This transfer gives the lock a lot more longevity and therefore allows Fort Knox the ability to do what no other manufacture can; warranty the lock for life. Why wouldn't you?



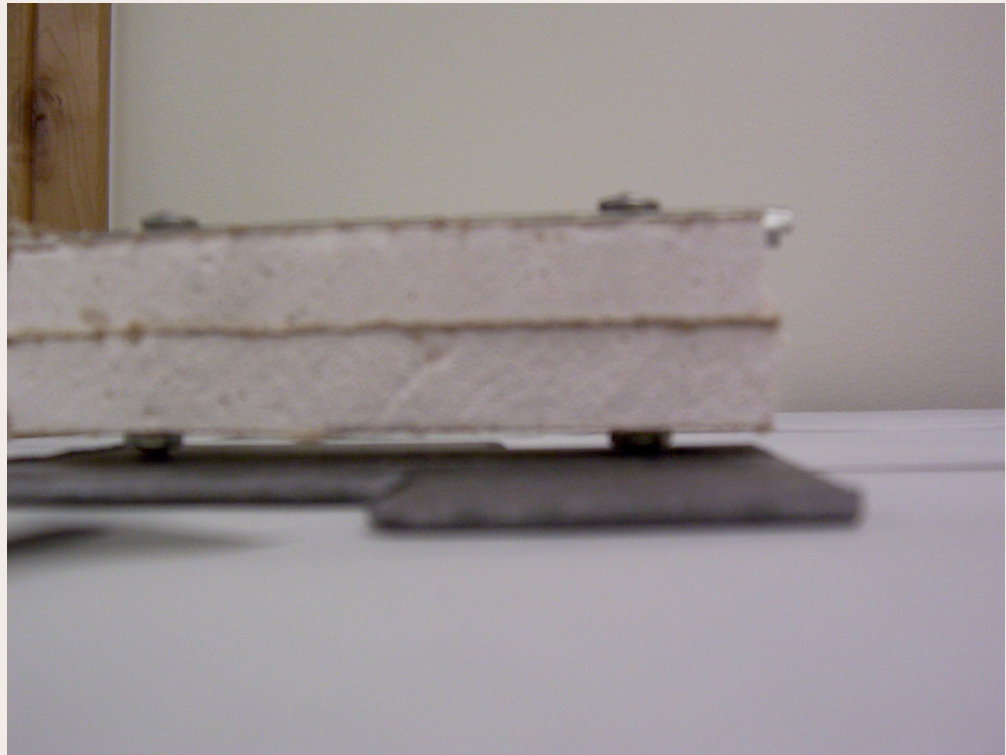
Around the lock we also have hardened steel, ball bearing reinforced hard plate and internal and external relockers. Security at its finest!

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Stud welded shelving brackets

Stud welding the shelving brackets has three primary benefits. First of all, in a fire situation, the stud welds keep the fire board in place. This gives us even fire coverage due to the lack of slippage. A second fire application is that the studs allow us to put a dead air between the steel and the fire board.

This “thermal pane barrier” is a great insulator and is similar to that of window companies. The final component is that of giving added strength and integrity to the shelving of the safe. Unlike screws in drywall the stud is welded. With the stud welded to the inside of the safe body and attaching through the shelving brackets, you see that the way safes are constructed really do matter.



Bolt Detent

Have you ever walked into a store and noticed chips on the outside edge of the doorframe? The detent system is designed to eliminate those chips as well as protecting the beautiful finish intact for many years to come. You can manually over ride this by depressing the detent and then extending the locking bolts. A great component to keep the safe looking pristine.



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Primed interiors

With a lifetime warranty on a product that covers the product not rusting, you would think that the product would start with no rust. All of the Fort Knox safes are primed on the outside and inside of the safe; including the inside of the door. In a lot of safes built today you can pull the door panel off and see that rusting is already occurring. It does take some additional time and effort but that is one of the reasons Fort Knox is the industry leader for safes and vaults.



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Completed Craftsmanship

Take the door panel off of the safe and you will see a lot about the company. Does your safe just have push washers holding it together? Are the slide rods bent and forced into position?

At Fort Knox our passion is to build a safe that will out perform the warranty. The only way to do that is to have a product that is built to exacting standards. Standards that are unmatched throughout the industry.



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Unibody Construction

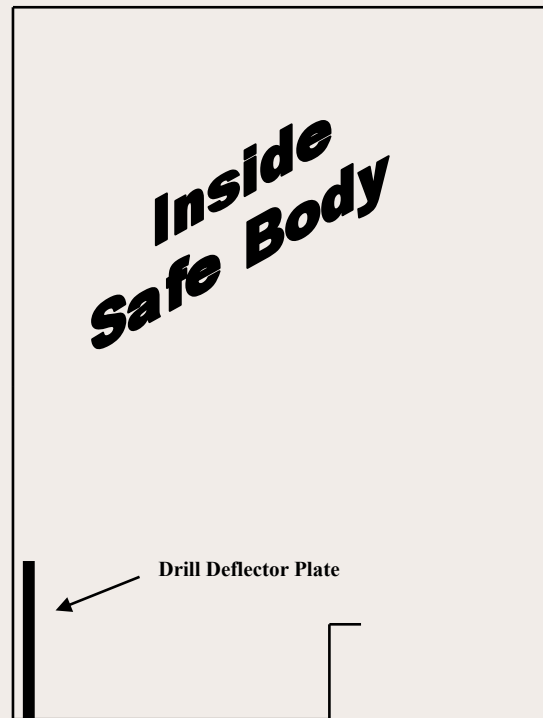
The Quadrafold door frame has been designed to be the strongest in the industry, providing superior strength in every situation. We have found that Uni-body construction retains the natural strength of the steel. We have strategically folded the edge around the door making it the most secure body available and giving the door a deep recessed seat to make it virtually impossible to pry. The technical innovation offered by Fort Knox will give more security than raw weight.



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Drill Deflector

Underwriter Laboratories RSC test includes a designed side attack against the bolts of the safe door. Some companies have tried to change the mechanism to pass this test, while some others have resigned to not sell products that pass the UL standards. Fort Knox standards require us to go beyond just passing the UL test, so we add our Drill Deflector plate in the corner of the safe to prevent a drill attack on the bolts. Complete security only comes with the Fort Knox name on it.



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Just a few more items

1 1/2" Bolts



Slip clutch handle



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Best Vault Door in the Industry

Fort Knox vault doors are designed for easy installation in a custom, walk-in security room. The heavy, fire protected, steel doors can be set in a preformed concrete or cement block opening. This security room with the Inside Release Mechanism, offers safety for your family as well as protection for your valuables. Other vault doors on the market today are very light weight, have no inside release mechanisms or are very hard to install. Let the customers understand that with the vault door they can still enjoy their firearms by having them displayed. Elegance with the best protection available. Only Fort Knox.

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